

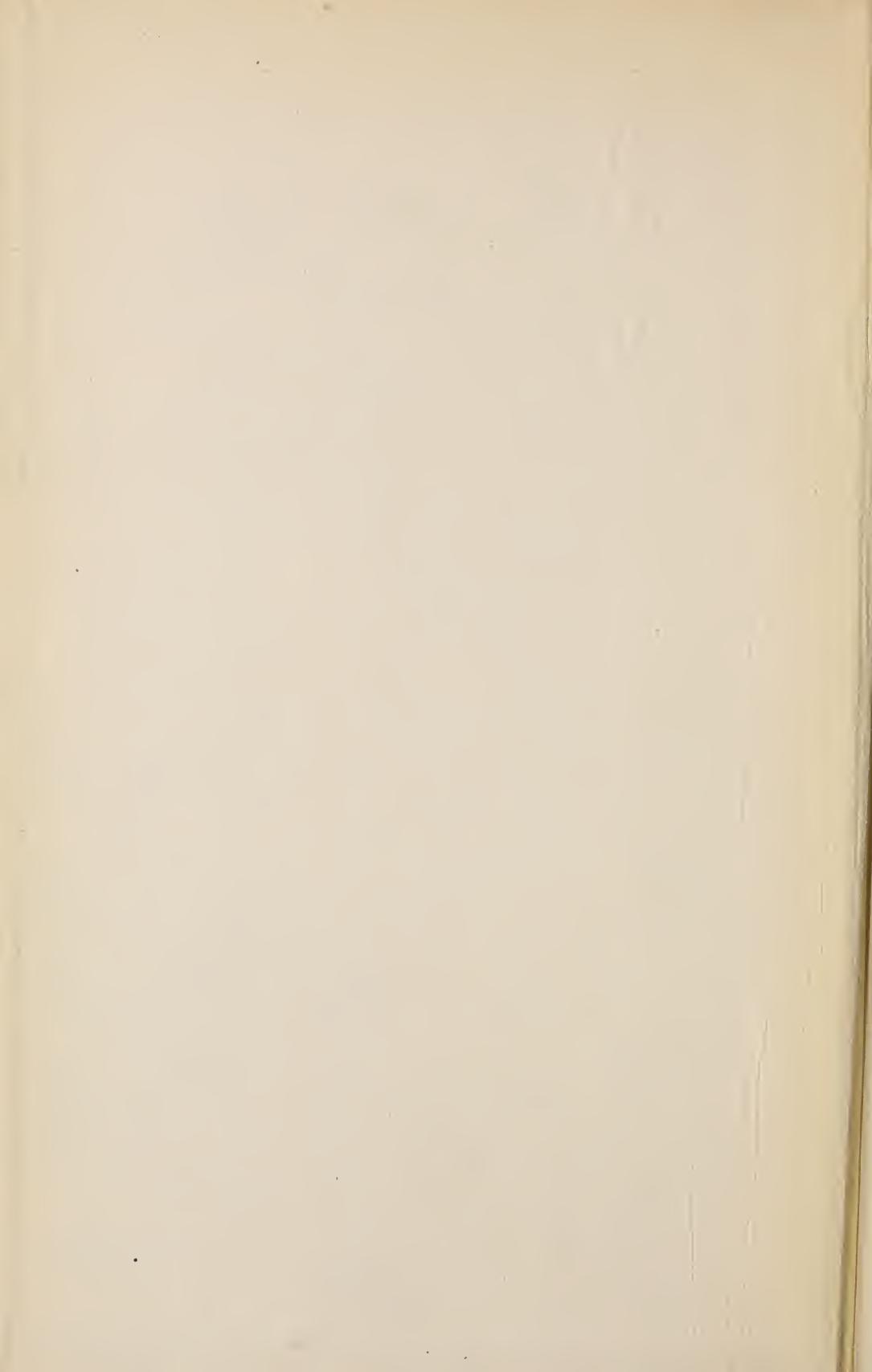
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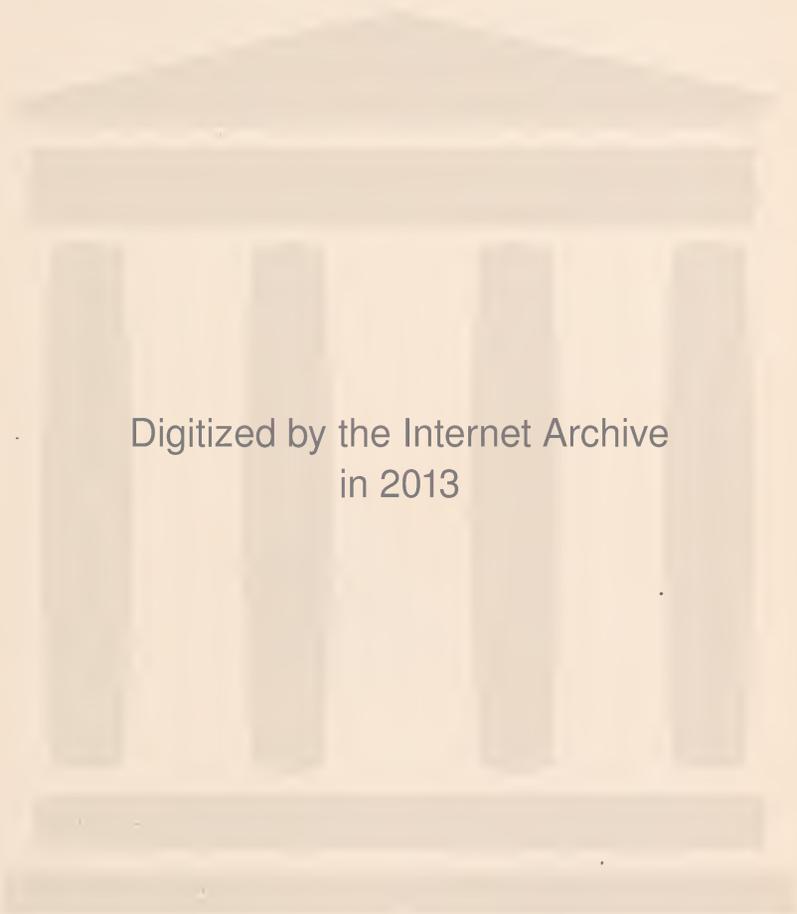
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# YEAR BOOK

*of the*

## STATE OF COLORADO

### 1941-1942

Detailed information regarding the state, its resources, opportunities and attractions, compiled from official and semi-official sources and published under the authority vested by the State Legislature in the State Planning Commission.

Compiled and Edited by Tolbert R. Ingram.



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# Memorial

Death came to two members of the Colorado State Planning Commission in 1942. John T. Barnett, chairman of the board, passed away on February 1, and within less than three weeks, on February 25, he was followed by Edward D. Foster, director.

With the passing of Mr. Barnett and Mr. Foster, the commission lost two of its most able and valuable members, but of far greater import was the loss to the commonwealth of Colorado. Both men stood for the highest ideals in public life, and unselfishly gave the best they possessed in behalf of the common weal. It may truly be said the people of Colorado are richer and more united in material and spiritual things as a result of the service they rendered and that in their passing the state suffered an irreparable loss.

The measure of Mr. Barnett's devotion to the state of which he was a living part was given in 1935, when the Planning Commission was made successor by legislative action to the old Board of Immigration. He was tendered a membership on the new board and offered the office of chairman. After due consideration he replied that he would accept only on one condition. The commission must become a potent body which unselfishly and without bias shall serve the best interests of the state. In a most cooperative spirit he bent himself toward that goal, and the fact that he remained in the office until the day of his passing attests to the faith he had in the work to be done.

Mr. Foster came to the old Board of Immigration in November, 1917, and in the 1935 reorganization he continued as director of the Planning Commission. He did not seek the office, but was prevailed upon by friends to accept it as a public duty. In that spirit he served as executive head for near to twenty-five years and throughout his administration his devotion to the public weal was reflected in the record he made. No greater monument can be erected to him than the visible evidence of the good he accomplished for his adopted state.

George Dodge, of Denver, was appointed a director the following March by Governor Carr to fill out the term of Mr. Barnett, which expires in 1944. Likewise, the Governor appointed E. G. Plowman, of Denver, to succeed Mr. Foster as a member of the board. Mr. Warren, the vice-chairman, was elected chairman, Mr. Dodge was elected vice-chairman, and the reorganized board elected El Roy Nelson to the office of director, effective June 1, 1942.

# Foreword

**T**HIS is the 19th edition of the Colorado Year Book. In 1918, under legislative authority, the State Board of Immigration published the first edition, and after that time the publication appeared annually until 1928-1929, when the data for the two years were consolidated in a single volume in the interests of economy. In 1930, 1931 and 1932 annual editions were published, but in 1933-1934 the two years were again covered in a single volume. A similar plan was followed in 1935-1936, and in 1937 the legislature provided that the book should be published biennially instead of annually.

In 1935 the Board of Immigration was abolished and its powers and duties were transferred to the State Planning Commission, which was established at that session. By the specific language of that act the preparation and publication of the Colorado Year Book continued without interruption.

It is believed that these volumes, which increase in size from year to year, contain the most nearly complete and accurate information concerning Colorado that it is possible to attain. For the convenience of those using the book, a rearrangement of the chapters has been made in this edition. In most instances the information is based upon official figures, but where these are not available the best estimates and data secured from private sources are used. In no event are local pride and optimism permitted to color the data concerning a community or an industry.

Because of the constantly increasing size of the volume and the number of inquiries dealing with agriculture alone, most of the data concerning crops and livestock are published in a separate volume, known as "Colorado Agricultural Statistics," and this volume contains only such condensed tables as will give the casual user a general knowledge of the importance and development of the industry. Most of the agricultural data are prepared by the Colorado Co-Operative Crop Reporting Service, which is composed of the Division of Crop and Livestock Estimates of the United States Department of Agriculture and the State Planning Commission. This additional book, considered as Volume Two of the Year Book, may be secured without cost on request.

THE COLORADO STATE PLANNING COMMISSION

130 State Office Building

Denver

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## Colorado—General Summary

Location, Area, Political Sub-divisions, Altitude, Population, Climate, Rivers and Drainage, Utilities, Relative Position Among States, Rank of Counties within the State, Counties and Countyseats

**C**OLORADO is situated near the center of the western half of the United States, on the western rim of the Mississippi river basin, and in the east-central part of the Rocky Mountains. It lies between the 37th and 41st parallels and the 102nd and 109th meridians. The center of the state is approximately 1,500 miles west of the Atlantic seaboard, 800 miles east of the Pacific, 650 miles south of the Canadian border and 475 miles north of the Mexican border, measured by air lines due east and west and north and south. The state is bounded on the west by Utah, on the north by Wyoming and Nebraska, on the east by Kansas and Nebraska, and on the south by New Mexico and a small strip of the Oklahoma panhandle.

**Area**—Colorado has a total area of 66,718,080 acres or 104,247 square miles, of which 66,538,880 acres or 103,967 square miles is land and 179,200 acres or 280 square miles is water area. The water area consists of permanent inland bodies of water such as lakes and reservoirs having an area of 40 acres or more, streams and canals one-eighth of a statute mile or more in width. It ranks seventh among the states of the Union in size, being exceeded only by Arizona, California, Montana, Nevada, New Mexico and Texas. The water surface of the state is comparatively small, its rank among the states being 39th. It is almost a perfect rectangle in form, having the most regular boundary lines of any state in the Union.

**Comparative Size**—Colorado is more than twelve times as large as Massachusetts, nearly twice as large as Iowa, and about the same size as New York, Ohio, Connecticut and New Hampshire combined. Its extreme length east and west is about 387 miles, or 37 miles more than the distance from New York City to Portland, Maine, and its width approximately 276 miles, about the same as the distance from Chicago to St. Louis.

In comparison to European countries prior to the current world war it is about equal in area to Austria, Belgium, Denmark, Holland and Ireland combined, half the size of France or

Germany and twice as large as England.

**Topography**—The surface of Colorado is extremely varied, with a difference of 11,046 feet, or more than two miles between the lowest and highest points. The eastern half consists mostly of low rolling plains which rise gradually in elevation as they approach the mountains. The western half primarily is mountainous, with numerous peaks rising to an altitude of more than 14,000 feet. In the mountainous area are a number of deep basins, wide valleys and high plateaus where climatic conditions are favorable for agriculture, stockraising and horticulture.

**Political Sub-divisions**—The state has 63 counties which are more or less independent political units. On January 1, 1940, there were 250 incorporated places within the state, of which 41 were cities and 209 were towns. The bureau of the census makes no break-down of cities and towns due to the fact that their classifications are determined by state laws and these are not uniform among the several states. The Colorado laws classify a municipality having a population of 15,000 or more as a city of the first class; a municipality having a population exceeding 2,000 and less than 15,000 as a city of the second class, and a municipality with a population of 2,000 or less as a town. Of the 250 incorporated places in the state in 1940, there were 2 with a population of 50,000 or more; 6 with a population of 10,000 to 50,000; 9 with a population of 5,000 to 10,000; 13 with a population of 2,500 to 5,000; and 44 with a population of 1,000 to 2,500. There is a further division of the state into election precincts, of which there are more than 1,300. These do not, however, include the total break-down because some of the cities are classed as single units and are subdivided into districts and wards. These "minor" sub-divisions are subject to frequent change and the total number at any one time is difficult of determination. Another civil sub-division is that of school districts, of which there were 1,987 on

June 30, 1940, of which 52 were joint districts.

**Natural Divisions**—The topography of the state, influenced by erosion and the forming of natural drainage courses through the ages, falls into three general divisions. These are northeastern, southeastern and western Colorado.

Northeastern Colorado includes that portion of the state drained by tributaries of the Missouri river. Its western boundary is the Continental Divide (Park range) and the Mosquito range. The Continental Divide enters the state from Wyoming near the 107th meridian, between Jackson and Routt counties, runs south for some distance, turns east near the southern boundary of Jackson county to a junction with the Medicine Bow range near Long's peak and thence southwestward to the Mosquito range near the center of the state. The southern boundary is formed by the divide which separates the watersheds of the Arkansas and South Platte rivers. This divide runs from the vicinity of Palmer Lake to the eastern state boundary at Cheyenne Wells. The total area of this region is 32,000 square miles. About four-fifths of it consists of high, rolling plains which slope generally to the north and east, the altitude decreasing from 6,000 feet near the 105th meridian to 3,500 feet on the Nebraska-Colorado boundary. The elevation of the Arkansas-Platte divide decreases from 7,500 feet near Palmer Lake to 4,000 feet on the Kansas border near Cheyenne Wells. The Continental Divide (Park range) and the Medicine Bow mountains, which extend southward out of Wyoming, join near the southern boundary of Jackson county and form the walls of a large basin much in the shape of a horseshoe, in which is enclosed North Park, a nearly level tableland with an average elevation of 8,000 feet. In the center of the state lies South Park, a large basin, nearly flat, with an elevation of 10,000 feet, entirely surrounded by high mountains except where the South Platte breaks through. Many of the peaks in the western part of the region rise above 14,000 feet and the passes generally are around 11,000 feet.

The natural division known as southeastern Colorado begins in the Mosquito range near Leadville, where the valley of the Arkansas is only a few miles wide with an elevation of 10,500 to 9,000 feet, runs southeasterly and takes in approximately one-fourth of the state east of the Sangre de Cristo mountains and south of the Arkansas-

Platte divide. Extending through Fremont and Custer counties are the Wet (Greenhorn) mountains on the edge of the plains. Between these mountains and the Sangre de Cristo range is another broad basin known as Wet Mountain valley, with an elevation of 8,000 feet. Southeastern Colorado has an area of nearly 30,000 square miles and nearly two-thirds of it has an elevation less than 5,000 feet. Included in it are one of the highest points in the state and the lowest—Mount Elbert, near Leadville, and the bed of the Arkansas river at the eastern boundary. The valley of the Arkansas is one of the rich agricultural districts of the state, with coal and metal mining predominating in the higher and more mountainous districts and cattle raising in districts not subject to irrigation.

The region known as western Colorado includes all of that part of the state west of the Continental Divide and the valley of the Rio Grande river in the south-central area. The Continental Divide in this region consists of several distinct groups of mountains. In the extreme south is the San Juan group, a very high and irregular system that separates the San Juan and Rio Grande rivers. The Cochetopa Hills, although of low altitude, form the divide from the San Juan northeastward to the vicinity of Marshall pass, in northeastern Saguache county. This range divides the Gunnison watershed from San Luis park. The last named, which occupies the greater part of several counties, is an immense elliptical basin whose surface is remarkably flat. At one time this basin undoubtedly was the bed of an inland sea. It is entirely surrounded by mountains. From Marshall pass southeastward the Sangre de Cristo range, rising abruptly five or six thousand feet from the level plains, and the less abrupt Culebra range, form the eastern boundary of the park. From Marshall pass, the Saguache range, separating the Gunnison valley from the Arkansas valley, extends northward into Lake and Eagle counties. North of the headwaters of the Arkansas, in Grand county, lies Middle park, a high area shut in on the east by the Front range and a part of the Continental Divide and on the west by the Gore range. This park is drained by the headwaters of the Colorado river and is the most easterly part of the Colorado river drainage area. In the extreme northern part of this region the Park range separates the headwaters of the Yampa river from those

of the North Platte and extends northward into Wyoming, forming the western wall of North park. In the western part of the region a system of plateaus or mesas descends toward the Utah desert. Of these mesas the larger are the Roan or Book plateau, between the Colorado and White rivers; the Grand and Battlement mesas, between the Colorado and the Gunnison; and the Uncompahgre plateau, between the Gunnison and the Dolores. The mountains and the higher parts of the mesas are for the most part heavily wooded. Vegetation decreases to the westward and near the Utah border the land, where not irrigated, is practically a desert. Large irrigated areas are located in the Uncompahgre valley, the valley of the North Fork of the Gunnison, the lower valley of the Colorado, and in the valley of the Rio Grande, popularly known as San Luis park.

**Altitude**—Colorado has a mean altitude of 6,800 feet, the highest of any state in the Union. It is 100 feet higher than Wyoming, which ranks second, and 700 feet higher than Utah. The 39th parallel, which intersects the state near the center, passes through 12 states between the Atlantic and Pacific oceans. The mean elevation of Delaware on the east is only 60 feet and of California on the west is 2,900 feet. Kansas, which adjoins Colorado on the east, has a mean altitude of 2,000 feet, a drop of 4,800 feet from the mean altitude of Colorado. Likewise, the mean altitude of all states west of Colorado drops gradually toward the Pacific.

The Continental Divide, which separates the watersheds of the Pacific ocean and the Gulf of Mexico, runs through the west-central part of the state in a general north-south direction and forms the crest of the continent. The small streams which have their sources in the high mountains are the headwaters of large rivers which flow out of the state to the north, east, south and west and eventually empty into the sea and the gulf.

The most elevated portions of the Rocky mountains in the United States are in Colorado. The United States Geological Survey and other authorities list 50 peaks that tower 14,000 feet or more above sea level, including four that are rated at 14,000 feet; and 1,081 that have an altitude of 10,000 feet or more. The highest in the state is Mount Elbert, near Leadville, with an elevation of 14,431 feet, or 2.72 miles above sea level. The highest point in the United States is Mount Whitney in

California, which has an altitude of 14,501 feet. It is estimated that there are as many unnamed peaks in the state reaching to a height of 14,000 feet as those that have been officially named.

Elsewhere in this volume are found tables giving elevations of mountains, lakes, mountain passes, cities and towns and other information on altitude.

**Population**—The population of Colorado has increased steadily and rapidly since its actual settlement began, immediately following the discovery of gold in 1858. The first census of what is now the state was taken in 1860 and showed a population of 34,277. The census bureau gives the population as of 1940 as 1,123,296, or more than 33 times the total of 80 years ago. The state ranks thirty-third in population among the states of the Union.

The following table shows its growth from 1860 to the present time, compared with the growth for the entire country, all figures being taken from census reports:

| Year      | Population | Pct. of Increase Over Previous Census | Pct. of Increase for United States |
|-----------|------------|---------------------------------------|------------------------------------|
| 1860..... | 34,277     | ....                                  | ....                               |
| 1870..... | 39,864     | 16.3                                  | 22.6                               |
| 1880..... | 194,327    | 387.5                                 | 30.1                               |
| 1890..... | 413,249    | 112.7                                 | 25.5                               |
| 1900..... | 539,700    | 30.6                                  | 20.7                               |
| 1910..... | 799,024    | 48.0                                  | 21.0                               |
| 1920..... | 939,629    | 17.6                                  | 14.9                               |
| 1930..... | 1,035,791  | 10.2                                  | 16.1                               |
| 1940..... | 1,123,296  | 8.4                                   | 7.2                                |

More detailed figures on the number of inhabitants, composition and characteristics of the population, families, etc., are found elsewhere in this volume.

During the two decades following 1860 the population was confined largely to the mining districts and to the city of Denver. The cities of Pueblo, Colorado Springs and Trinidad did not make their appearance in the census population statistics until 1880, when the three had a combined population of less than 10,000. During the early 80's the period of agricultural development began, and the decade ending with 1890 was in many ways the most important in the history of the state. During that period 24 new counties were organized and scores of new towns were laid out in the agricultural districts.

**Land Classification**—All land in Colorado is held under three general classifications. These include land which belongs to the federal government, such as the public domain, na-

tional forests, national parks and monuments, building sites, reserves, etc.; land owned by the state, and land in private ownership. The percentages of land held under the three classifications vary slightly from year to year, but are approximately 57.1 per cent private land, 34.8 per cent federal land, 5 per cent state land, and the remainder unclassified.

The principal increase in patented (privately owned) land in past years has come from the proving up of entries on homesteads and other types of federal lands. In 1920 there were 29,462,459 acres of patented land on the tax rolls in the state. In 1940 this had increased to 38,011,279 acres. This was a gain for the period of 8,548,820 acres or 29 per cent. Important changes in this classification are not anticipated in the immediate future, due principally to the action of the federal government in withdrawing all unappropriated and unreserved public land from entry, with a few exceptions, on November 26, 1934. The only additions to the patented area since that date are sales of state land and the proving up of federal land on which entries already had been made.

The classification of the patented land into sub-divisions is made by the state tax commission for taxation purposes. Its figures for 1940 show that of the 38,011,279 acres of patented land, 36,951,552 acres or 97.3 per cent, is agricultural land. The remainder is waste and seep land, mountain home sites, city and town lots, railway rights-of-way, mineral claims and timber land.

Elsewhere in this volume are tables showing the classification of all land in the state by kinds, ownership and counties.

**Rivers and Drainage**—Colorado, because of its high mountains, heavy snowfall in the winter and its varied topography, holds a unique position in relation to the rivers and water supply of more than two-thirds of the United States and a part of Mexico. The Continental Divide through the state separates the watersheds of the Pacific on the west from the watersheds of the Mississippi river on the east. Streams which have their sources at the crest of the continent flow out of the state to the west, north, east and south. Those which originate on the western slope of the divide ultimately empty their waters into the Pacific ocean and those on the eastern slope into the Gulf of Mexico. The dividing line between the two courses is very narrow and there are points

in the mountains where waters from springs only a few feet apart conceivably reach the oceans to the east and the west. These streams are dependable sources of water supply for many states and are not the cause of the disastrous floods elsewhere which result from heavy rainfall at certain seasons. There are many hundreds of small streams in the state which upon a map might be likened to the nerves of the human body. These gradually make their way into larger water courses and form the rivers of the state.

The largest stream in the state is the Colorado river which with its tributaries forms the principal drainage for that natural division of the state described as western Colorado. It has its source in Grand county and flows in a southwesterly direction to about the center of the western boundary, where it enters Utah. The Colorado portion of this river formerly was known as the Grand, but its name was changed by the general assembly in 1921. In the extreme north, Routt, Rio Blanco and Moffat counties are drained by the Yampa and White, both important tributaries of the Green. The more important tributaries of the Colorado come from the south. They include the Blue, Eagle, Roaring Fork, Gunnison and Dolores. The last two have large drainage areas and numerous tributaries, the Uncompahgre, joining the Gunnison at Delta and the San Miguel, flowing into the Dolores, being the most important. The southern slopes of the San Juan mountains are drained by the San Juan river and its numerous tributaries, among which are the Animas, La Plata and Mancos. The Rio Grande del Norte rises on the eastern slope of the San Juan mountains and flows southeastward through the southwestern quarter of San Luis park to Mexico.

The greater part of the natural division described as northeastern Colorado is drained by the South Platte and its tributaries. The trunk stream is formed by the union of several creeks that drain the mountains surrounding South park. It breaks through the mountain wall in Platte canon and flows northward to Denver; from Denver the course is northeast to Fort Morgan, and thence north and east to the Nebraska border. After the trunk stream reaches the plains, numerous tributaries rising in the mountains flow into the river from the west. These include Clear creek, draining Gilpin and Clear Creek counties; the St. Vrain, receiving the wat-

ers of Boulder county, and the Big Thompson and Cache la Poudre, rising in the mountains of Larimer county. These streams, especially the last, are of great importance as sources of water supply for extensive irrigated districts. The tributaries of the South Platte that do not rise in the mountains are of little importance, as they contain water only after heavy rains. In the extreme eastern part of the district are numerous arroyos whose intermittent flow is received by tributaries of the Republican river. North park is drained by the North Platte, which flows northward into Wyoming.

The natural division described as southeastern Colorado is drained by the Arkansas and its tributaries. The river has its source near the Continental Divide in the central part of the state. It flows southward through Lake and Chaffee counties. From the southern part of Chaffee county the course is eastward through Fremont county. It breaks through the rocky wall near Canon City in a deep canon known as the Royal Gorge, flows into the broad plains region and continues eastward to Kansas through Prowers county. The principal tributaries of the Arkansas east of the mountains are Fountain creek, rising in the high mountains west of Colorado Springs, and St. Charles, Huerfano, Apishapa and Purgatoire rivers, rising in the Greenhorn, Sangre de Cristo and Culebra ranges.

**National Forests**—Fourteen national forests located wholly within the state and one lying partially within its boundaries comprise about 20 per cent of the state's area. These forests embrace 13,500,000 acres, mostly in Colorado, and are administered by forest service of the department of agriculture of the federal government through a regional office at Denver. A detailed description of these forests and their operation is given elsewhere in this volume.

**National Parks and Monuments**—Two national parks and six national monuments are located within the boundaries of Colorado and two national monuments on the boundary between Colorado and Utah. A description of these parks and monuments, with their location, area, number of visitors, etc., is given in a separate chapter.

**Industries**—Geographical, geological and climatic conditions combined give Colorado a wide and extensive variety of industrial and commercial activities. Its principal cities serve a territory extending far beyond its own boundaries and their volume of whole-

sale trade amounts to \$400,000,000 to \$500,000,000 a year. Manufacturing comes second with an output of products valued at \$221,645,000 in 1939, of which \$91,256,000 is added by processing. The state ranks first in the manufacture of sugar and its iron and steel products exceed the output of the other mountain states combined. Mineral production, including coal, gold, silver, copper, lead and zinc and a number of rare metals, normally runs between \$60,000,000 and \$65,000,000 a year in value and higher under the pressure of war demand. The state produces 85 to 90 per cent of the entire country's output of molybdenum and vanadium and a considerable part of the tungsten and other rare mineral supplies. Agriculture is one of its basic industries, the value of crops in normal years being \$65,000,000 to \$70,000,000 annually, exclusive of stockraising in its various branches, dairying and allied industries, all of which are extensive. The state's vast expanses of natural scenery, its national parks and monuments, its mountain resorts and large lakes, its national forests and its invigorating climate attract thousands of tourists annually, and their expenditures within the state are a large source of income. The United States Travel bureau places the annual expenditures in the state by travelers at \$50,000,000 to \$60,000,000.

**Climate**—Colorado is well known for its salubrious climate; its health-giving and enjoyable qualities. A general summary of climatic conditions prevailing in the state is of comparatively little value because of the great differences in altitude and the remarkable diversity that occurs at points not far apart. The climate of the plains is distinctly continental; the rainfall is light, the humidity low, the extremes of temperature are pronounced and the change from day to day is often great; the wind movement is high and the sunshine abundant. The climate of the foothills differs from that of the plains in diminished wind movement, the less severe changes in temperature from day to day, and the decreased annual range in temperature, the winter months being notably warmer. The climate in the mountains also is different. In general there is a decrease in temperature and an increase of rainfall and wind movement with altitude, but local conditions modify this materially. At the summits of the mountains the mean temperatures are low, averaging below 32 degrees for the year.

The wide variation of temperatures is shown by the mean for a period of

48 years. The mean for the period for the state is 45 degrees, with a high of 115 degrees and a low of 54 degrees below zero. There is a difference of 35 degrees in mean temperatures between Lamar, in the plains region, and the summit of Pikes Peak—a difference equalling that found in going from Florida to Iceland.

Elsewhere in this volume under "Climatological Data" are found numerous tables showing the temperature, humidity, precipitation, length of growing seasons and other details of climatic conditions in the various districts of the state.

**High and Low Points**—The level of the sea is the basis upon which all geometrical altitudes are reckoned. The fifteenth step from the top leading to the main floor of the state capitol at Denver, at the west entrance, is exactly one mile, or 5,280 feet above sea level. Mount Elbert, altitude 14,431 feet, or 2.72 miles above sea level, is the highest point in the state. The lowest point is the bed of the Arkansas river where it crosses the Colorado boundary near the town of Holly, in Prowers county, in the southeastern part of the state. Its altitude is 3,385 feet, or 0.64 of a mile above sea level.

Summit lake, near the top of Mount Evans in Clear Creek county, has the highest elevation of the numerous lakes of the state, being 12,740 feet, or almost 2½ miles above the level of the sea. It was formed in the cone of an extinct volcano and its depth has never been determined, ordinary sounding methods failing to reach bottom. In 1931 a scientific expedition headed by J. C. Stearns, of the University of Denver, and Dr. Arthur Compton, of the University of Chicago, conducted important cosmic rays research on the lake.

The deepest hole ever bored into the earth in Colorado, as far as records disclose, is a test well drilled for oil in the Divide Creek district in Mesa county, by the Continental Oil company and associated interests, which reached a depth of 10,815 feet or 2.05 miles. It had a surface elevation of 9,395 feet and stopped 1,420 feet below sea level. This well, known as No. 1 Miller, was started in 1937 and completed in 1939, and was located in Section 36-8S-91W.

The highest automobile road in Colorado, as well as in the United States, is the Mount Evans highway in Clear Creek county, which rises to an altitude of 14,260 feet.

The deepest mine in the state is the Portland, in the Cripple Creek dis-

trict, Teller county, which has been opened to a depth of 3,000 feet.

The highest laboratory in the world is located on Mount Evans, at an altitude of 14,250 feet. It was built by the University of Denver and the Massachusetts Institute of Technology in 1936 and has been used for scientific purposes by some of the best known scientists.

The highest astronomical observatory in the world is located at Climax, near Leadville. Construction by Harvard university began in 1940.

**Railroads, Telegraph and Telephone Facilities**—There are 25 railroad and terminal companies operating in Colorado, reporting an aggregate of 4,504 miles of main line track. Every county in the state has some railroad mileage.

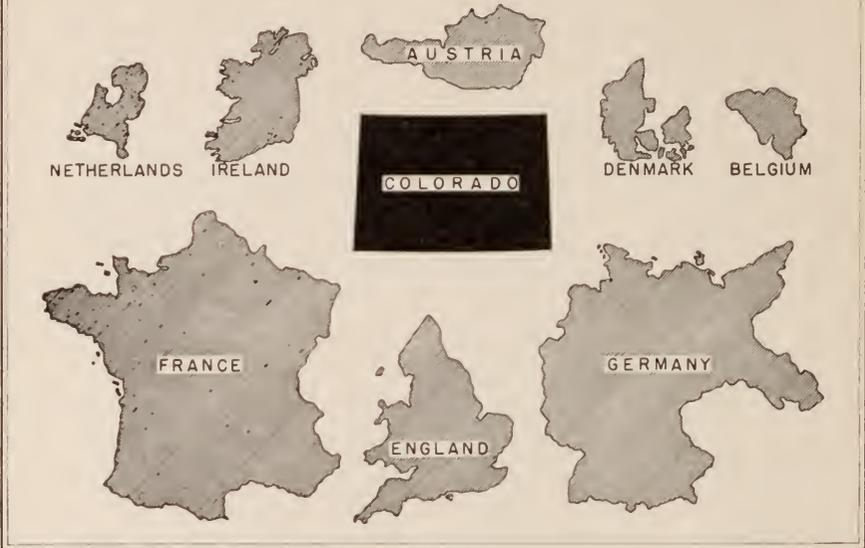
The following table shows the main line tracks owned by the several railroad companies:

| Road   | Mileage  |
|--|----------|
| Atchison, Topeka & Santa Fe Railway Company.....     | 617.90   |
| Chicago, Burlington & Quincy Railroad Company.....   | 395.46   |
| Chicago, Rock Island & Pacific Railroad Company..... | 165.85   |
| Colorado Railroad Company....                        | 24.00    |
| Colorado & Southern Railroad Company .....           | 424.95   |
| Colorado & Southeastern Railroad Company.....        | 3.59     |
| Colorado & Wyoming Railroad Company .....            | 37.09    |
| Crystal River Railroad Co.....                       | 20.66    |
| Crystal River & San Juan Co....                      | 7.32     |
| Denver & Rio Grande Western Railroad Company.....    | 1,309.25 |
| Denver & Salt Lake Railroad Company .....            | 220.05   |
| Denver & Salt Lake Western Railroad Company.....     | 38.06    |
| Great Western Railway Co.....                        | 84.82    |
| Laramie, North Park & Western Railroad Company.....  | 43.88    |
| Manitou & Pikes Peak Railway Company .....           | 8.90     |
| Midland Terminal Railroad Co...                      | 55.44    |
| Missouri Pacific Railroad Co....                     | 152.04   |
| Northwestern Terminal Railway Company .....          | 3.18     |
| Rio Grande Junction Railroad Co.                     | 62.08    |
| Rio Grande Southern Railroad Company .....           | 171.16   |
| San Luis Central Railroad Co....                     | 12.21    |
| San Luis Southern Railway Co...                      | 31.68    |
| Silverton Northern Railroad Co..                     | 8.50     |
| Treasury Mountain Railroad Co..                      | 4.00     |
| Union Pacific Railroad Company.                      | 602.02   |

Telephone service extends to all counties in the state, and in 1937 there were 412 companies, including small county systems, in operation. These had 773,792 miles of single wire and 201,354 telephones, or a telephone for every five persons in the state. The Bell system operates more than 95 per cent of all systems.

Four telegraph companies operate 29,580 miles of wire. Tables published elsewhere in this volume give valuations, mileage, etc., of all companies by counties, and years.

## COMPARATIVE SIZE OF COLORADO AND SPECIFIED COUNTRIES



### COLORADO'S PLACE AMONG THE STATES OF THE UNION

Note—Figures for Colorado of a later date than those given in this table on some items mentioned may be found elsewhere in this volume. Those used in this table are of dates for which comparative data are available.

| DESCRIPTION   | Colorado      | United States    | Colo.<br>% of<br>U. S. | Rank<br>Among<br>States |
|---|---------------|------------------|------------------------|-------------------------|
| <b>LAND, AREAS, ETC.:</b>   |               |                  |                        |                         |
| Land area (square miles).....   | 103,967       | 2,977,128        | 3.49                   | 7                       |
| Water surface (square miles)...                                       | 280           | 45,259           | 0.62                   | 38                      |
| Total area (square miles).....  | 104,247       | 3,022,387        | 3.45                   | 7                       |
| Vacant, unappropriated and unreserved public land, 1940 (acres) ..... | 7,937,490     | 179,825,930      | 4.41                   | 9                       |
| National forests (acres) 1940*..                                      | 13,661,830    | 176,779,377      | 7.73                   | 6                       |
| Federal land in grazing districts, June 30, 1941 (acres).....         | 8,161,000     | 144,873,200      | 4.94                   | 8                       |
| Federal coal land reserves, June 30, 1940 (acres).....                | 4,142,233     | 25,684,995       | 16.13                  | 3                       |
| <b>MANUFACTURES:</b>  |               |                  |                        |                         |
| Value of products (1939).....   | \$221,643,000 | \$56,843,025,000 | 0.39                   | 35                      |
| Bread and other bakery products, value of (1939).....                 | 11,316,844    | 1,411,816,633    | 0.80                   | 25                      |
| Butter, value of (1939).....  | 6,627,153     | 492,221,000      | 1.35                   | 19                      |
| Cheese, value of (1939).....  | 513,218       | 108,207,000      | 0.47                   | 26                      |
| Canning and preserving fruit, vegetables, etc., value of (1939).....  | 2,057,000     | 587,343,024      | 0.35                   | 22                      |
| Canned green beans, value of (1939).....                              | 214,139       | 11,274,373       | 1.90                   | 12                      |
| Canned tomatoes, value of (1939).....                                 | 480,704       | 34,187,912       | 1.41                   | 14                      |
| Canned tomato juice, value of (1939).....                             | 300,775       | 20,439,397       | 1.47                   | 9                       |
| Canned (sour) cherries, value of (1937).....                          | 233,169       | 6,736,433        | 3.46                   | 5                       |
| Meat packing (wholesale), value of products (1939).....               | 33,005,000    | 2,648,325,000    | 1.25                   | 19                      |

COLORADO'S PLACE AMONG THE STATES OF THE UNION—Continued

| DESCRIPTION   | Colorado        | United States    | Colo.<br>% of<br>U. S. | Rank<br>Among<br>States |
|---|-----------------|------------------|------------------------|-------------------------|
| <b>MANUFACTURES—Continued:</b>  |                 |                  |                        |                         |
| Tons of beet sugar manufactured (crop of 1934-35).....  | 271,631         | 1,168,344        | 23.25                  | 1                       |
| Clay products (other than pottery) and non-clay refractories, value of (1939).....                | \$ 1,458,123    | \$ 78,153,227    | 1.87                   | 19                      |
| High explosives manufactured, pounds (1940).....  | 9,503,390       | 305,179,700      | 3.11                   | 8                       |
| Malt liquors manufactured, value of (1939).....   | \$ 2,562,313    | \$ 526,076,938   | 0.49                   | 22                      |
| Wage earners, number (1939).....  | 23,719          | 7,886,567        | 0.30                   | 36                      |
| <b>BUSINESS:</b>  |                 |                  |                        |                         |
| Retail sales (1939).....  | \$409,103,000   | \$42,041,790,000 | 0.97                   | 29                      |
| Wholesale net sales (1939).....   | 435,126,000     | 55,265,640,000   | 0.79                   | 28                      |
| Construction, value work done (1939).....   | 40,165,000      | 4,519,794,000    | 0.87                   | 27                      |
| Hotel receipts (1939).....  | 9,097,000       | 863,155,000      | 1.05                   | 22                      |
| Service establishments, receipts (1939).....  | 27,473,000      | 3,420,417,000    | 0.80                   | 30                      |
| <b>AGRICULTURE:</b>   |                 |                  |                        |                         |
| Number of farms (1940).....   | 51,436          | 6,096,799        | 0.84                   | 32                      |
| Land in farms, acres (1940).....  | 31,527,000      | 1,060,852,000    | 2.97                   | 12                      |
| Number of farms containing 1,000 acres and over (1940).....                                       | 6,388           | 100,531          | 6.35                   | 6                       |
| Value farm property (lands and building only) (1940).....   | \$388,344,000   | \$33,641,739,000 | 1.15                   | 26                      |
| Taxes on farm real estate (1939).....   | 2,012,000       | 173,123,000      | 1.16                   | 26                      |
| Mortgage debt on farms operated by full owners (1940).....  | 22,843,792      | 2,290,163,326    | 1.00                   | 24                      |
| Farm gross income (1940).....   | 141,000,000     | 9,586,000,000    | 1.47                   | 23                      |
| Value of livestock on farms and ranges (1935).....  | 55,211,006      | 3,418,510,000    | 1.61                   | 25                      |
| Sugar beets, farm value (1940).....   | 10,565,000      | 63,340,000       | 16.68                  | 2                       |
| Apples: bushels produced (1940).....  | 1,564,000       | 114,391,000      | 1.37                   | 17                      |
| Apples: number of trees bearing age (1940).....   | 532,406         | 58,152,108       | 0.92                   | 26                      |
| Peaches: bushels produced (1940).....   | 2,000,000       | 54,430,000       | 3.67                   | 7                       |
| Peaches: number of trees of bearing age (1940).....   | 645,736         | 47,147,060       | 1.37                   | 19                      |
| Automobiles on farms (1940).....  | 50,426          | 4,144,136        | 1.22                   | 27                      |
| Trucks on farms (1940).....   | 16,850          | 1,047,084        | 1.61                   | 27                      |
| Tractors on farms (1940).....   | 21,423          | 1,567,430        | 1.37                   | 19                      |
| Cattle and calves over 3 mos. old on farms (April 1, 1940).....                                   | 1,144,213       | 60,674,734       | 1.89                   | 21                      |
| Sheep and lambs over 6 mos. old on farms (April 1, 1940).....                                     | 1,681,380       | 40,129,261       | 4.19                   | 6                       |
| Cantaloupes, muskmelons and honeydews, value products (1939).....                                 | \$ 409,740      | \$ 7,660,603     | 5.35                   | 2                       |
| Cherry trees of bearing age (1940).....   | 368,533         | 9,564,995        | 3.85                   | 8                       |
| <b>TAXATION:</b>  |                 |                  |                        |                         |
| Assessed value property subject to general property tax (1939).....                               | \$1,102,041,000 | \$95,424,873,000 | 1.15                   | 22                      |
| Net revenue receipts of states from all sources (1939).....                                       | 52,216,000      | 4,741,285,000    | 1.10                   | 28                      |
| Government-cost payments states (1939).....   | 53,335,000      | 4,455,304,000    | 1.20                   | 28                      |
| Federal corporation income tax (1941).....  | 8,793,265       | 1,851,987,990    | 0.47                   | 29                      |
| Federal individual income tax (1941).....   | 8,440,072       | 1,417,655,126    | 0.60                   | 26                      |
| State gasoline taxes (1939).....  | 7,599,000       | 751,842,000      | 1.01                   | 34                      |
| Motor vehicle registration fees (1939).....   | 1,378,000       | 302,400,000      | 0.46                   | 36                      |
| <b>MINING:</b>  |                 |                  |                        |                         |
| Reserve tonnage of bituminous coal, geological survey estimates, figures in millions of tons..... | 213,071         | 1,441,395        | 14.78                  | 1                       |
| Est. barrels of oil recoverable from tertiary shale.....  | 47,625,598,000  | 75,335,721,000   | 63.22                  | 1                       |

## COLORADO'S PLACE AMONG THE STATES OF THE UNION—Continued

| DESCRIPTION   | Colorado      | United States    | Colo.<br>% of<br>U. S. | Rank<br>Among<br>States |
|---|---------------|------------------|------------------------|-------------------------|
| <b>MINING—Continued:</b>  |               |                  |                        |                         |
| Mineral production value (1939)   | \$ 64,071,621 | \$ 4,914,300,000 | 1.30                   | 17                      |
| Copper, pounds produced (1940)  | 26,372,851    | *1,818,167,516   | 1.45                   | 7                       |
| Lead production, short tons (1940)  | 11,476        | *433,065         | 1.65                   | 8                       |
| Silver, value (1940)  | \$ 6,669,090  | †\$ 49,483,189   | 13.48                  | 4                       |
| Gold, value (1940)  | 12,917,600    | †210,108,700     | 6.15                   | 6                       |
| Zinc production, short tons (1940)  | 5,060         | 665,068          | 0.76                   | 14                      |
| Tungsten, short tons (1940)   | 849           | 5,319            | 15.96                  | 4                       |
| Molybdenum, pounds (1940)   | 22,782,608    | 34,313,000       | 66.40                  | 1                       |
| Bituminous coal, tons (1940)  | 6,516,000     | *453,245,000     | 1.44                   | 10                      |
| Petroleum output, barrels, bureau of mines figures (1940)                 | 1,350,000     | 1,351,847,000    | 0.10                   | 19                      |
| Vanadium, pounds (1940)   | 1,953,293     | 2,090,601        | 93.43                  | 1                       |
| <b>BANKING AND FINANCE:</b>   |               |                  |                        |                         |
| Number of banks (June 29, 1940)   | 146           | 14,954           | 0.98                   | 33                      |
| Assets all banks (June 29, 1940)  | \$380,300,000 | \$79,682,900,000 | 0.48                   | 33                      |
| Total deposits all banks (June 29, 1940)                                  | 342,900,000   | 70,769,500,000   | 0.48                   | 30                      |
| Postal savings deposits (June 30, 1940)                                   | 19,097,000    | 1,289,634,000    | 1.48                   | 20                      |
| <b>SOCIAL SECURITY:</b>   |               |                  |                        |                         |
| Unemployment Compensation Benefit payments (1940)                         | \$ 3,743,000  | \$ 487,799,000   | 0.77                   | 27                      |
| General relief payments (1940)  | 2,164,742     | 403,621,496      | 0.54                   | 19                      |
| Federal grants for old age assistance (1940)                              | 7,183,000     | 259,875,000      | 2.76                   | 16                      |
| Old age assistance payments (1940)  | 15,876,517    | 475,752,218      | 3.34                   | 8                       |
| Aid to dependent children (1940)  | 2,118,786     | 133,740,432      | 1.58                   | 17                      |
| Old age and survivors' insurance: Workers insured (1939)                  | 245,818       | 32,063,210       | 0.77                   | 32                      |
| Taxable wages (1939)  | \$182,848,000 | \$28,127,128,000 | 0.65                   | 32                      |
| <b>MISCELLANEOUS:</b>   |               |                  |                        |                         |
| Developed water power, horse-power (January 1, 1941)                      | 111,000       | 18,868,000       | 0.59                   | 32                      |
| Water power, potential h. p. available 50% of the time (1941)             | 851,000       | 57,184,000       | 1.49                   | 11                      |
| Electricity produced for public use in thousands of kilowatt hours (1939) | 780,445       | 130,336,050      | 0.60                   | 37                      |
| Visitors to national parks (1937)   | 680,070       | 7,012,803        | 9.67                   | 3                       |
| Theaters, seats (1942)  | 116,620       | 11,719,101       | 1.00                   | 30                      |
| Consumer purchasing power (payments to individuals) per capita (1940)     | \$ 551        | \$ 573           | ...                    | 20                      |
| Railway mileage (1939)  | 4,560         | 235,064          | 1.94                   | 22                      |
| Railway tax accruals (1939)   | \$ 3,699,000  | \$ 357,603,000   | 1.03                   | 21                      |
| Surfaced state highways (1939)  | 3,543         | 297,770          | 1.19                   | 37                      |
| Troops in world war   | 42,898        | 4,727,988        | 0.93                   | 33                      |
| Telephones, number of (1937)  | 201,384       | 19,424,400       | 1.04                   | 25                      |
| Miles of telephone wire (1937)  | 773,792       | 90,787,172       | 0.85                   | 27                      |
| Number of deaths (1940)   | 12,429        | 1,417,257        | 0.88                   | 34                      |
| Number of births (1940)   | 21,265        | 2,358,988        | 0.90                   | 33                      |
| Automobile fatalities, number (1939)                                      | 318           | 30,468           | 1.04                   | 32                      |
| Lodgepole pine cut, board feet (1935)                                     | 7,058,000     | 17,691,000       | 39.90                  | 1                       |
| Thermal springs, groups, economically developed in 1936                   | 45            | 1,059            | 4.24                   | 7                       |

\*Includes Alaska.

†Includes Alaska and Philippine Islands.

**STATES WITH STRAIGHT-LINE BOUNDARIES**

Colorado and Wyoming are the only states in the Union having unbroken and almost straight-line boundaries on all sides. Each covers the same num-

ber of degrees of latitude and longitude, namely, four of latitude and seven of longitude, yet because of the convergence of the meridians towards the north the area of Wyoming is 6,034 square miles less than that of Colorado.

RANK OF COUNTIES IN THE STATE

| COUNTY      | Area (Land and Water) | Population (1940) | Bank Deposits (Dec. 31, 1941) | Land in Farms (Acres), 1940 | Value of Farms (Land and Buildings, Apr. 1, 1940) | Cattle and Calves on Farms (Apr. 1, 1940) | Hogs and Pigs on Farms (Apr. 1, 1940) | Sheep and Lambs on Farms (Apr. 1, 1940) | Value All Crops Harvested (1939) | Value Dairy Products (1939) | Value Gold, Silver, Copper, Lead, Zinc Mined (1940) | Manufacturing Value of Products (1939) |
|-------------|-----------------------|-------------------|-------------------------------|-----------------------------|---|---|---------------------------------------|---|----------------------------------|-----------------------------|---|--|
| Adams       | 38                    | 12                | 37                            | 18                          | 6   | 35  | 2                                     | 40                                      | 5                                | 5                           | 24  | 3                                      |
| Alamosa     | 53                    | 26                | 17                            | 30                          | 33  | 32  | 17                                    | 26                                      | 27                               | 23                          | 20  | 20                                     |
| Arapahoe    | 48                    | 9                 | 12                            | 26                          | 10  | 37  | 30                                    | 39                                      | 18                               | 2                           | 36  | 13                                     |
| Archuleta   | 33                    | 45                | 50                            | 41                          | 50  | 44  | 43                                    | 33                                      | 52                               | 48                          | ..  | 30                                     |
| Baca        | 11                    | 35                | 35                            | 7                           | 29  | 41  | 29                                    | 43                                      | 26                               | 39                          | ..  | ..                                     |
| Bent        | 32                    | 28                | 29                            | 19                          | 26  | 27  | 28                                    | 14                                      | 29                               | 40                          | ..  | ..                                     |
| Boulder     | 51                    | 5                 | 5                             | 48                          | 8   | 18  | 20                                    | 45                                      | 10                               | 4                           | 7   | 6                                      |
| Chaffee     | 42                    | 30                | 28                            | 53                          | 49  | 51  | 33                                    | 48                                      | 50                               | 33                          | 19  | ..                                     |
| Cheyenne    | 25                    | 51                | 48                            | 14                          | 43  | 21  | 42                                    | 31                                      | 51                               | 42                          | ..  | ..                                     |
| Clear Creek | 59                    | 46                | 46                            | 60                          | 59  | 61  | ..                                    | ..                                      | 62                               | 55                          | 3   | 32                                     |
| Conejos     | 37                    | 23                | 36                            | 34                          | 17  | 30  | 4                                     | 3                                       | 15                               | 29                          | 35  | 23                                     |
| Costilla    | 39                    | 31                | 53                            | 29                          | 47  | 56  | 12                                    | 24                                      | 28                               | 57                          | 30  | ..                                     |
| Crowley     | 49                    | 40                | 44                            | 37                          | 45  | 46  | 35                                    | 44                                      | 25                               | 45                          | ..  | ..                                     |
| Custer      | 52                    | 54                | ..                            | 45                          | 48  | 47  | 44                                    | 42                                      | 48                               | 36                          | 23  | ..                                     |
| Delta       | 40                    | 16                | 18                            | 47                          | 16  | 25  | 7                                     | 22                                      | 9                                | 14                          | ..  | 16                                     |
| Denver      | 63                    | 1                 | 1                             | 62                          | 51  | 62  | 53                                    | ..                                      | 31                               | 50                          | ..  | 1                                      |
| Dolores     | 43                    | 56                | ..                            | 54                          | 56  | 57  | 50                                    | 46                                      | 47                               | 61                          | 8   | 33                                     |
| Douglas     | 47                    | 49                | 51                            | 33                          | 31  | 29  | 40                                    | 58                                      | 42                               | 9                           | 29  | ..                                     |
| Eagle       | 27                    | 41                | 39                            | 46                          | 38  | 22  | 39                                    | 27                                      | 36                               | 37                          | 1   | 27                                     |
| Elbert      | 23                    | 39                | 43                            | 8                           | 22  | 15  | 25                                    | 28                                      | 34                               | 10                          | 28  | ..                                     |
| El Paso     | 19                    | 4                 | 3                             | 6                           | 13  | 7   | 13                                    | 41                                      | 21                               | 6                           | ..  | 9                                      |
| Fremont     | 31                    | 13                | 10                            | 32                          | 40  | 36  | 36                                    | 51                                      | 35                               | 30                          | ..  | 14                                     |
| Garfield    | 8                     | 24                | 14                            | 36                          | 19  | 13  | 19                                    | 8                                       | 17                               | 24                          | 22  | 24                                     |
| Gilpin      | 62                    | 60                | ..                            | 58                          | 61  | 60  | 59                                    | ..                                      | 61                               | 60                          | 13  | ..                                     |
| Grand       | 21                    | 48                | 41                            | 40                          | 42  | 39  | 54                                    | 37                                      | 44                               | 43                          | 27  | 28                                     |
| Gunnison    | 6                     | 36                | 24                            | 38                          | 34  | 5   | 51                                    | 17                                      | 37                               | 35                          | 16  | 26                                     |
| Hinsdale    | 41                    | 63                | ..                            | 59                          | 60  | 55  | 60                                    | 54                                      | 59                               | 63                          | 25  | ..                                     |
| Huerfano    | 30                    | 17                | 22                            | 22                          | 44  | 38  | 38                                    | 18                                      | 49                               | 51                          | ..  | 25                                     |
| Jackson     | 29                    | 58                | ..                            | 35                          | 30  | 11  | 57                                    | 21                                      | 33                               | 56                          | 34  | ..                                     |
| Jefferson   | 50                    | 10                | 23                            | 43                          | 3   | 33  | 26                                    | 53                                      | 13                               | 3                           | 21  | 7                                      |
| Kiowa       | 24                    | 53                | 49                            | 16                          | 46  | 24  | 45                                    | 34                                      | 54                               | 41                          | ..  | ..                                     |
| Kit Carson  | 18                    | 32                | 31                            | 10                          | 35  | 16  | 18                                    | 38                                      | 38                               | 20                          | ..  | ..                                     |
| Lake        | 61                    | 33                | 52                            | 61                          | 62  | 58  | ..                                    | 57                                      | 60                               | 46                          | 11  | ..                                     |
| La Plata    | 26                    | 18                | 16                            | 31                          | 28  | 26  | 24                                    | 19                                      | 32                               | 17                          | 20  | 18                                     |
| Larimer     | 9                     | 6                 | 6                             | 15                          | 2   | 4   | 14                                    | 16                                      | 4                                | 8                           | 32  | 5                                      |
| Las Animas  | 1                     | 8                 | 8                             | 1                           | 25  | 3   | 32                                    | 9                                       | 40                               | 28                          | ..  | 11                                     |
| Lincoln     | 10                    | 38                | 27                            | 4                           | 32  | 9   | 34                                    | 25                                      | 41                               | 26                          | ..  | ..                                     |
| Logan       | 22                    | 14                | 13                            | 9                           | 4   | 8   | 10                                    | 32                                      | 7                                | 16                          | ..  | 12                                     |
| Mesa        | 4                     | 7                 | 7                             | 27                          | 5   | 6   | 9                                     | 7                                       | 2                                | 11                          | 31  | 15                                     |
| Mineral     | 45                    | 62                | ..                            | 57                          | 58  | 59  | 58                                    | 50                                      | 58                               | 62                          | 9   | ..                                     |
| Moffat      | 2                     | 43                | 40                            | 12                          | 37  | 34  | 49                                    | 1                                       | 43                               | 38                          | 33  | ..                                     |
| Montezuma   | 20                    | 27                | 26                            | 44                          | 39  | 40  | 31                                    | 12                                      | 19                               | 27                          | 17  | 19                                     |
| Montrose    | 16                    | 19                | 15                            | 42                          | 21  | 20  | 6                                     | 4                                       | 11                               | 18                          | 26  | 21                                     |
| Morgan      | 34                    | 15                | 11                            | 17                          | 9   | 19  | 8                                     | 20                                      | 6                                | 19                          | ..  | 10                                     |
| Otero       | 36                    | 11                | 9                             | 11                          | 14  | 28  | 16                                    | 10                                      | 12                               | 23                          | ..  | 8                                      |
| Ouray       | 58                    | 55                | 45                            | 52                          | 52  | 49  | 48                                    | 47                                      | 53                               | 53                          | 10  | ..                                     |
| Park        | 17                    | 50                | 47                            | 21                          | 41  | 31  | 52                                    | 15                                      | 45                               | 49                          | 4   | 34                                     |
| Phillips    | 54                    | 44                | 30                            | 28                          | 24  | 48  | 21                                    | 52                                      | 22                               | 25                          | ..  | ..                                     |
| Pitkin      | 44                    | 57                | ..                            | 55                          | 53  | 50  | 41                                    | 35                                      | 46                               | 54                          | 14  | ..                                     |
| Prowers     | 28                    | 21                | 21                            | 23                          | 20  | 42  | 22                                    | 30                                      | 20                               | 32                          | ..  | 17                                     |
| Pueblo      | 13                    | 2                 | 2                             | 13                          | 12  | 23  | 11                                    | 36                                      | 14                               | 7                           | ..  | 2                                      |
| Rio Blanco  | 5                     | 52                | 42                            | 24                          | 36  | 12  | 46                                    | 13                                      | 39                               | 47                          | ..  | ..                                     |
| Rio Grande  | 46                    | 20                | 34                            | 49                          | 11  | 43  | 5                                     | 6                                       | 3                                | 21                          | 12  | 22                                     |
| Routt       | 15                    | 25                | 25                            | 20                          | 18  | 14  | 37                                    | 11                                      | 23                               | 15                          | ..  | 29                                     |
| Saguache    | 7                     | 37                | 33                            | 25                          | 23  | 17  | 27                                    | 5                                       | 24                               | 31                          | 18  | ..                                     |
| San Juan    | 60                    | 61                | ..                            | ..                          | ..  | ..  | ..                                    | ..                                      | ..                               | 59                          | 6   | ..                                     |
| San Miguel  | 35                    | 47                | ..                            | 50                          | 55  | 53  | 47                                    | 23                                      | 55                               | 52                          | 5   | ..                                     |
| Sedgwick    | 57                    | 42                | 32                            | 39                          | 27  | 45  | 23                                    | 56                                      | 16                               | 34                          | ..  | ..                                     |
| Summit      | 55                    | 59                | ..                            | 56                          | 57  | 54  | 56                                    | 55                                      | 56                               | 58                          | 15  | ..                                     |
| Teller      | 56                    | 34                | 19                            | 51                          | 54  | 52  | 55                                    | 59                                      | 57                               | 44                          | 2   | ..                                     |
| Washington  | 12                    | 29                | 38                            | 5                           | 15  | 10  | 15                                    | 29                                      | 30                               | 13                          | ..  | ..                                     |
| Weld        | 3                     | 3                 | 4                             | 2                           | 1   | 1   | 1                                     | 2                                       | 1                                | 1                           | ..  | 4                                      |
| Yuma        | 14                    | 22                | 20                            | 3                           | 7   | 2   | 3                                     | 49                                      | 8                                | 12                          | ..  | 31                                     |

## RANK OF COUNTIES IN THE STATE—Continued

| COUNTY      | Miles Railroad<br>(1941) | Number Autos<br>(1941) | Gasoline Con-<br>sumed (Gals.)<br>(1941) | Service Tax<br>Collected Amount<br>(1941) | Sales Tax<br>Collected Amount<br>(1941) | Volume Retail<br>Sales (1939) | Value School<br>Property (1940) | Old Age<br>Pensions (1941) | State and Federal<br>Expenditures for<br>Relief (1941) | County Expendi-<br>tures for Welfare<br>Purposes (1941) | Number Liquor<br>Licenses, State<br>(1941) | Miles Highway<br>(1942) | Assessed<br>Valuation (1941) |
|-------------|--------------------------|------------------------|--|---|---|-------------------------------|---------------------------------|----------------------------|--|---|--|-------------------------|------------------------------|
| Adams       | 10                       | 7                      | 18                                       | 20  | 20                                      | 12                            | 17                              | 12                         | 11   | 14  | 32   | 9                       |                              |
| Alamosa     | 23                       | 13                     | 16                                       | 19  | 16                                      | 23                            | 34                              | 26                         | 40   | 25  | 43   | 36                      |                              |
| Arapahoe    | 5                        | 17                     | 9  | 8   | 8                                       | 10                            | 9                               | 11                         | 8  | 10  | 42   | 13                      |                              |
| Archuleta   | 53                       | 54                     | 49                                       | 49  | 50                                      | 49                            | 41                              | 44                         | 59   | 40  | 46   | 54                      |                              |
| Baca        | 29                       | 8                      | 40                                       | 40  | 41                                      | 34                            | 30                              | 31                         | 25   | 36  | 10   | 32                      |                              |
| Bent        | 22                       | 31                     | 31                                       | 29  | 31                                      | 28                            | 29                              | 34                         | 32   | 28  | 55   | 22                      |                              |
| Boulder     | 7                        | 6                      | 6  | 5   | 5                                       | 6                             | 7                               | 7                          | 6  | 7   | 26   | 5                       |                              |
| Chaffee     | 37                       | 29                     | 27                                       | 27  | 24                                      | 38                            | 25                              | 20                         | 28   | 24  | 50   | 38                      |                              |
| Cheyenne    | 49                       | 42                     | 53                                       | 51  | 51                                      | 39                            | 40                              | 43                         | 47   | 38  | 37   | 35                      |                              |
| Clear Creek | 45                       | 55                     | 33                                       | 41  | 40                                      | 35                            | 50                              | 39                         | 43   | 26  | 45   | 50                      |                              |
| Conejos     | 33                       | 44                     | 39                                       | 37  | 36                                      | 27                            | 24                              | 21                         | 35   | 21  | 38   | 40                      |                              |
| Costilla    | 48                       | 51                     | 55                                       | 50  | 52                                      | 48                            | 32                              | 17                         | 52   | 33  | 41   | 52                      |                              |
| Crowley     | 40                       | 40                     | 44                                       | 44  | 43                                      | 33                            | 38                              | 41                         | 33   | 36  | 57   | 47                      |                              |
| Custer      | 57                       | ..                     | 63                                       | 60  | 59                                      | 57                            | 48                              | 50                         | 56   | 38  | 48   | 60                      |                              |
| Delta       | 17                       | 23                     | 21                                       | 17  | 18                                      | 22                            | 14                              | 24                         | 18   | 23  | 34   | 23                      |                              |
| Denver      | 1                        | 1                      | 1  | 1   | 1                                       | 1                             | 1                               | 1                          | 1  | 1   | 59   | 1                       |                              |
| Dolores     | 55                       | 53                     | 62                                       | 59  | 62                                      | 60                            | 59                              | 60                         | 61   | 39  | 56   | 61                      |                              |
| Douglas     | 47                       | 41                     | 50                                       | 52  | 48                                      | 44                            | 51                              | 55                         | 41   | 32  | 27   | 37                      |                              |
| Eagle       | 44                       | 45                     | 42                                       | 39  | 39                                      | 41                            | 46                              | 36                         | 26   | 23  | 25   | 21                      |                              |
| Elbert      | 42                       | 47                     | 51                                       | 48  | 49                                      | 37                            | 39                              | 45                         | 37   | 40  | 40   | 27                      |                              |
| El Paso     | 4                        | 4                      | 2  | 3   | 3                                       | 4                             | 2                               | 4                          | 5  | 4   | 3  | 4                       |                              |
| Fremont     | 14                       | 28                     | 15                                       | 14  | 15                                      | 14                            | 10                              | 9                          | 19   | 13  | 19   | 17                      |                              |
| Garfield    | 28                       | 21                     | 17                                       | 22  | 23                                      | 17                            | 22                              | 33                         | 13   | 18  | 30   | 18                      |                              |
| Gilpin      | 58                       | 57                     | 61                                       | 54  | 58                                      | 53                            | 58                              | 56                         | 48   | 35  | 61   | 57                      |                              |
| Grand       | 41                       | 36                     | 29                                       | 38  | 37                                      | 52                            | 56                              | 49                         | 44   | 17  | 18   | 43                      |                              |
| Gunnison    | 38                       | 39                     | 26                                       | 32  | 30                                      | 25                            | 45                              | 32                         | 29   | 22  | 4  | 31                      |                              |
| Hinsdale    | 63                       | 60                     | 59                                       | 63  | 63                                      | 62                            | 63                              | 63                         | 63   | 39  | 63   | 63                      |                              |
| Huerfano    | 27                       | 24                     | 25                                       | 24  | 21                                      | 21                            | 13                              | 8                          | 20   | 11  | 24   | 28                      |                              |
| Jackson     | 54                       | 50                     | 54                                       | 53  | 54                                      | 58                            | 61                              | 61                         | 60   | 35  | 31   | 56                      |                              |
| Jefferson   | 6                        | 37                     | 8  | 9   | 11                                      | 9                             | 11                              | 10                         | 7  | 6   | 7  | 8                       |                              |
| Kiowa       | 52                       | 38                     | 56                                       | 56  | 55                                      | 42                            | 43                              | 42                         | 46   | 40  | 28   | 42                      |                              |
| Kit Carson  | 31                       | 22                     | 36                                       | 31  | 32                                      | 24                            | 21                              | 28                         | 22   | 30  | 20   | 30                      |                              |
| Lake        | 26                       | 35                     | 30                                       | 25  | 26                                      | 51                            | 47                              | 37                         | 36   | 21  | 54   | 14                      |                              |
| La Plata    | 19                       | 19                     | 14                                       | 15  | 14                                      | 20                            | 18                              | 16                         | 15   | 16  | 35   | 25                      |                              |
| Larimer     | 8                        | 5                      | 4  | 6   | 6                                       | 5                             | 5                               | 6                          | 4  | 8   | 5  | 6                       |                              |
| Las Animas  | 11                       | 14                     | 11                                       | 11  | 9                                       | 11                            | 6                               | 5                          | 9  | 5   | 6  | 7                       |                              |
| Lincoln     | 32                       | 18                     | 35                                       | 30  | 33                                      | 36                            | 33                              | 38                         | 31   | 28  | 2  | 24                      |                              |
| Logan       | 13                       | 10                     | 12                                       | 12  | 12                                      | 15                            | 20                              | 18                         | 21   | 15  | 22   | 12                      |                              |
| Mesa        | 9                        | 9                      | 7  | 7   | 7                                       | 8                             | 8                               | 25                         | 14   | 9   | 13   | 11                      |                              |
| Mineral     | 61                       | 58                     | 58                                       | 58  | 60                                      | 61                            | 62                              | 62                         | 62   | 36  | 58   | 62                      |                              |
| Moffat      | 36                       | 26                     | 24                                       | 33  | 34                                      | 40                            | 42                              | 47                         | 45   | 31  | 21   | 41                      |                              |
| Montezuma   | 25                       | 30                     | 32                                       | 28  | 28                                      | 43                            | 27                              | 29                         | 30   | 30  | 29   | 46                      |                              |
| Montrose    | 16                       | 20                     | 19                                       | 18  | 17                                      | 16                            | 16                              | 19                         | 24   | 24  | 11   | 29                      |                              |
| Morgan      | 15                       | 11                     | 13                                       | 13  | 13                                      | 13                            | 15                              | 15                         | 10   | 19  | 36   | 15                      |                              |
| Otero       | 12                       | 12                     | 10                                       | 10  | 10                                      | 7                             | 12                              | 14                         | 12   | 12  | 39   | 10                      |                              |
| Ouray       | 59                       | ..                     | 47                                       | 57  | 53                                      | 50                            | 53                              | 51                         | 58   | 35  | 60   | 58                      |                              |
| Park        | 43                       | 48                     | 46                                       | 46  | 45                                      | 55                            | 55                              | 57                         | 39   | 24  | 16   | 49                      |                              |
| Phillips    | 39                       | 25                     | 37                                       | 34  | 38                                      | 45                            | 37                              | 40                         | 49   | 37  | 47   | 39                      |                              |
| Pitkin      | 62                       | 59                     | 57                                       | 61  | 61                                      | 59                            | 52                              | 46                         | 51   | 41  | 52   | 59                      |                              |
| Prowers     | 18                       | 15                     | 20                                       | 16  | 22                                      | 19                            | 19                              | 13                         | 17   | 18  | 17   | 16                      |                              |
| Pueblo      | 2                        | 2                      | 3  | 2   | 2                                       | 2                             | 3                               | 2                          | 3  | 2   | 12   | 3                       |                              |
| Rio Blanco  | 50                       | 52                     | 43                                       | 43  | 46                                      | 47                            | 49                              | 54                         | 54   | 37  | 14   | 51                      |                              |
| Rio Grande  | 21                       | 27                     | 22                                       | 21  | 19                                      | 18                            | 26                              | 30                         | 38   | 32  | 51   | 33                      |                              |
| Routt       | 24                       | 32                     | 23                                       | 26  | 25                                      | 29                            | 31                              | 23                         | 27   | 22  | 15   | 19                      |                              |
| Saguache    | 46                       | 43                     | 41                                       | 45  | 44                                      | 32                            | 35                              | 52                         | 53   | 34  | 23   | 44                      |                              |
| San Juan    | 60                       | 56                     | 52                                       | 55  | 56                                      | ..                            | 60                              | 53                         | 57   | 31  | 62   | 55                      |                              |
| San Miguel  | 51                       | 46                     | 48                                       | 47  | 47                                      | 31                            | 54                              | 59                         | 50   | 27  | 33   | 53                      |                              |
| Sedgwick    | 34                       | 34                     | 38                                       | 35  | 35                                      | 56                            | 44                              | 48                         | 42   | 32  | 53   | 34                      |                              |
| Summit      | 56                       | 61                     | 60                                       | 62  | 57                                      | 54                            | 57                              | 58                         | 55   | 35  | 49   | 48                      |                              |
| Teller      | 35                       | 49                     | 34                                       | 36  | 29                                      | 46                            | 36                              | 35                         | 34   | 20  | 44   | 45                      |                              |
| Washington  | 30                       | 33                     | 45                                       | 42  | 42                                      | 26                            | 28                              | 27                         | 23   | 34  | 8  | 26                      |                              |
| Weld        | 3                        | 3                      | 5  | 4   | 4                                       | 3                             | 4                               | 3                          | 2  | 3   | 1  | 2                       |                              |
| Yuma        | 20                       | 16                     | 28                                       | 23  | 27                                      | 30                            | 23                              | 22                         | 16   | 29  | 9  | 20                      |                              |

COLORADO COUNTIES AND COUNTY SEATS

| COUNTY      | County Seat              | Mileage from Denver |          | Population of County Seat |             |             |             |
|-------------|--------------------------|---------------------|----------|---------------------------|-------------|-------------|-------------|
|             |                          | Rail-road           | High-way | Census 1940               | Census 1930 | Census 1920 | Census 1910 |
| Adams       | Brighton                 | 19                  | 20       | 4,029                     | 3,394       | 2,715       | 850         |
| Alamosa     | Alamosa                  | 251                 | 240      | 5,613                     | 5,107       | 3,171       | 3,013       |
| Arapahoe    | Littleton                | 10                  | 9        | 2,244                     | 2,019       | 1,636       | 1,373       |
| Archuleta   | Pagosa Springs           | 421                 | 329      | 1,591                     | 804         | 1,032       | 669         |
| Baca        | Springfield <sup>3</sup> | 285                 | 254      | 1,082                     | 1,393       | 295         | ...         |
| Bent        | Las Animas               | 202                 | 199      | 3,232                     | 2,517       | 2,252       | 2,008       |
| Boulder     | Boulder                  | 30                  | 33       | 12,958                    | 11,223      | 11,006      | 9,539       |
| Chaffee     | Salida                   | 215                 | 146      | 4,969                     | 5,065       | 4,689       | 4,425       |
| Cheyenne    | Cheyenne Wells           | 177                 | 174      | 695                       | 595         | 508         | 270         |
| Clear Creek | Georgetown               | 50                  | 46       | 391                       | 303         | 703         | 950         |
| Conejos     | Conejos                  | 281                 | 269      | (1)                       | (1)         | 350         | ...         |
| Costilla    | San Luis                 | 248                 | 231      | (1)                       | (1)         | 550         | ...         |
| Crowley     | Ordway                   | 169                 | 166      | 1,150                     | 1,139       | 1,186       | 705         |
| Custer      | Westcliffe               | 209                 | 160      | 429                       | 335         | 241         | 250         |
| Delta       | Delta                    | 325                 | 300      | 3,717                     | 2,938       | 2,623       | 2,388       |
| Denver      | Denver                   | ...                 | ...      | 322,412                   | 287,861     | 256,491     | 213,381     |
| Dolores     | Rico                     | 443                 | 368      | 388                       | 447         | 326         | 368         |
| Douglas     | Castle Rock              | 32                  | 30       | 580                       | 478         | 461         | 365         |
| Eagle       | Eagle                    | 180                 | 138      | 518                       | 341         | 358         | 186         |
| Elbert      | Kiowa <sup>2</sup>       | 46                  | 56       | 195                       | 185         | 148         | ...         |
| El Paso     | Colorado Springs         | 75                  | 71       | 36,789                    | 33,237      | 30,105      | 29,078      |
| Fremont     | Canon City               | 160                 | 119      | 6,690                     | 5,938       | 6,386       | 5,162       |
| Garfield    | Glenwood Springs         | 185                 | 169      | 2,253                     | 1,825       | 2,073       | 2,019       |
| Gilpin      | Central City             | 45                  | 40       | 706                       | 572         | 552         | 1,782       |
| Grand       | Hot Sulphur Springs      | 486                 | 98       | 235                       | 142         | 123         | 182         |
| Gunnison    | Gunnison                 | 288                 | 211      | 2,177                     | 1,415       | 1,329       | 1,026       |
| Hinsdale    | Lake City                | 351                 | 268      | 185                       | 259         | 317         | 405         |
| Huerfano    | Walsenburg               | 171                 | 166      | 5,855                     | 5,503       | 3,565       | 2,323       |
| Jackson     | Walden                   | 256                 | 145      | 668                       | 284         | 260         | 162         |
| Jefferson   | Golden                   | 16                  | 12       | 3,175                     | 2,426       | 2,135       | 2,477       |
| Kiowa       | Eads                     | 230                 | 169      | 700                       | 518         | 406         | ...         |
| Kit Carson  | Burlington               | 167                 | 164      | 1,280                     | 1,280       | 991         | 368         |
| Lake        | Leadville                | 276                 | 111      | 4,774                     | 3,771       | 4,959       | 1,508       |
| La Plata    | Durango                  | 451                 | 392      | 5,887                     | 5,400       | 4,116       | 4,686       |
| Larimer     | Fort Collins             | 68                  | 66       | 12,251                    | 11,489      | 8,755       | 8,210       |
| Las Animas  | Trinidad                 | 212                 | 204      | 13,223                    | 11,732      | 10,906      | 10,204      |
| Lincoln     | Hugo                     | 104                 | 103      | 852                       | 712         | 838         | 343         |
| Logan       | Sterling                 | 123                 | 125      | 7,411                     | 7,195       | 6,415       | 3,044       |
| Mesa        | Grand Junction           | 274                 | 261      | 12,479                    | 10,247      | 8,665       | 7,754       |
| Mineral     | Creede                   | 321                 | 308      | 670                       | 384         | 500         | 741         |
| Moffat      | Craig                    | 232                 | 213      | 2,123                     | 1,418       | 1,297       | 392         |
| Montezuma   | Cortez                   | 506                 | 440      | 1,778                     | 921         | 541         | 565         |
| Montrose    | Montrose                 | 346                 | 278      | 4,764                     | 3,566       | 3,581       | 3,254       |
| Morgan      | Fort Morgan              | 78                  | 80       | 4,884                     | 4,423       | 3,818       | 2,800       |
| Otero       | La Junta                 | 183                 | 179      | 7,040                     | 7,193       | 4,964       | 4,154       |
| Ouray       | Ouray                    | 387                 | 314      | 951                       | 707         | 1,165       | 1,644       |
| Park        | Fairplay                 | 115                 | 87       | 739                       | 221         | 183         | 265         |
| Phillips    | Holyoke                  | 173                 | 175      | 1,150                     | 1,226       | 1,205       | 659         |
| Pitkin      | Aspen                    | 226                 | 174      | 777                       | 705         | 1,265       | 1,834       |
| Prowers     | Lamar                    | 235                 | 205      | 4,445                     | 4,165       | 2,512       | 2,977       |
| Pueblo      | Pueblo                   | 119                 | 115      | 52,162                    | 50,096      | 43,050      | 44,395      |
| Río Blanco  | Meeker <sup>2</sup>      | 253                 | 237      | 1,399                     | 1,069       | 935         | 807         |
| Río Grande  | Del Norte                | 283                 | 270      | 1,923                     | 1,410       | 1,007       | 840         |
| Routt       | Steamboat Springs        | 177                 | 170      | 1,613                     | 1,198       | 1,249       | 1,227       |
| Saguache    | Saguache <sup>2</sup>    | 265                 | 191      | 1,219                     | 1,010       | 948         | 620         |
| San Juan    | Silverton                | 497                 | 337      | 1,127                     | 1,301       | 1,150       | 2,153       |
| San Miguel  | Telluride                | 422                 | 344      | 1,337                     | 512         | 1,618       | 1,756       |
| Sedgwick    | Julesburg                | 197                 | 183      | 1,619                     | 1,467       | 1,320       | 962         |
| Summit      | Breckenridge             | 110                 | 86       | 381                       | 436         | 796         | 834         |
| Teller      | Cripple Creek            | 132                 | 115      | 2,358                     | 1,427       | 2,325       | 6,206       |
| Washington  | Akron                    | 112                 | 114      | 1,417                     | 1,135       | 1,401       | 647         |
| Weld        | Greeley                  | 52                  | 53       | 15,995                    | 12,203      | 10,958      | 8,179       |
| Yuma        | Wray                     | 165                 | 168      | 2,061                     | 1,785       | 1,538       | 1,000       |

(1) Not incorporated. <sup>2</sup>Not directly on railroad. <sup>3</sup>Via Lamar. Does not have direct rail communication with Denver. <sup>4</sup>Via Moffat tunnel.

## Population of Colorado

### Number of Inhabitants, Characteristics, Citizenship, Changes by Census Years and Summaries, Church Population

THE population of Colorado increased from 539,700 in 1900 to 1,123,296 in 1940, a gain of 583,596 or 108.1 per cent. Many changes took place in the intervening 40-year period. Each census year showed a gain, but the largest increase was reported in 1910, when it was 48 per cent larger than in 1900.

The urban population showed a substantial increase over the rural population in the 40 years, that of places with 2,500 or more population registering a gain of 55.9 per cent as against an increase of 47.6 for rural territory.

The white population showed a consistent gain in each census year, and the number of negroes followed in the same path except there was a decrease in 1920. The Indians decreased from 1,437 in 1900 to 1,360 in 1940; the Chinese from 599 to 216; and the Japanese increased from 48 to 2,734. With the exception of 1900, the number of foreign-born steadily diminished.

The ratio between males and females declined in each succeeding census year, going from 120.9 males per 100 females in 1900 to 102.6 in 1940.

Comparable figures for aliens are not available prior to 1930, but between 1930 and 1940 the number decreased from 36,366 to 19,892. The school population 13 years old and under and the number attending school declined in 1940 as compared with 1930, but the number more than 13 years old increased in the 10-year period with two exceptions.

Twenty-three counties reported decreases in 1940 as compared with 1930, and 40 counties showed gains. The greatest decrease took place in Baca county, amounting to 41.3 per cent. Summit county, with an increase of 77.7 per cent, made the largest gain,

and Clear Creek was second with an increase of 75.6 per cent.

Russia stood first in 1940 as the country of birth of the foreign-born or 15.9 per cent of the total not born in the United States. Italy was second with 11.9 per cent. The percentage of persons of English birth in the state declined from 10.2 in 1910 to 6.7 in 1940. Persons born in Germany decreased from 13.3 per cent in 1910 to 10 per cent in 1940. A table published herewith gives the country of birth for all foreign-born persons in the state for census years from 1910 to 1940, inclusive.

Population tables published herewith are as follows:

General summary for the state, by census years 1900 to 1940, inclusive.

Total population of counties 1900 to 1940, with percentages of change between 1930 and 1940.

Population, area in square miles and population per square mile and per capita assessed valuation, taxes assessed and bank deposits for 1940, by counties.

Population of cities of 5,000 or more population, by census years.

Country of birth of the foreign-born population, by counties, by census years.

Composition of population by race. Composition of population by nativity and voting age.

Employment status of persons 14 years old and older.

A chart shows the percentage changes in 1940 as compared with 1930, by counties.

A separate division gives statistics on the church population in 1936, which was released currently with the regular census figures for 1940.

#### POPULATION: SUMMARY FOR THE STATE OF COLORADO, BY CENSUS YEARS

(Source: Bureau of the Census)

|                                 | 1940      | 1930      | 1920    | 1910    | 1900    |
|---------------------------------|-----------|-----------|---------|---------|---------|
| Total population.....           | 1,123,296 | 1,035,791 | 939,629 | 799,024 | 539,700 |
| Population per square mile....  | 10.8      | 10.0      | 9.1     | 7.7     | 5.2     |
| Increase over preceding census: |           |           |         |         |         |
| Number .....                    | 87,505    | 96,162    | 140,605 | 259,324 | 126,451 |
| Per cent.....                   | 8.4       | 10.2      | 17.6    | 48.0    | 30.6    |
| Urban Places:*                  |           |           |         |         |         |
| Number of places.....           | 30        | 27        | 26      | 27      | 20      |
| Population .....                | 590,756   | 519,882   | 453,259 | 402,192 | 260,651 |
| Increase over preceding census: |           |           |         |         |         |
| Number .....                    | 70,874    | 66,623    | 51,067  | 141,541 | 74,746  |
| Per cent.....                   | 13.6      | 14.7      | 12.7    | 54.3    | 40.2    |

**POPULATION: SUMMARY FOR THE STATE OF COLORADO,  
BY CENSUS YEARS—Continued**

|                                 | 1940      | 1930      | 1920    | 1910    | 1900    |
|---------------------------------|-----------|-----------|---------|---------|---------|
| <b>Rural Territory:</b>         |           |           |         |         |         |
| Population .....                | 532,540   | 515,909   | 486,370 | 396,832 | 279,049 |
| Increase over preceding census: |           |           |         |         |         |
| Number .....                    | 16,631    | 29,539    | 89,538  | 117,783 | 51,705  |
| Per cent.....                   | 3.2       | 6.1       | 22.6    | 42.2    | 22.7    |
| Rural non-farm.....             | 280,848   | 234,871   | 221,089 | .....   | .....   |
| Rural farm.....                 | 251,692   | 281,038   | 265,281 | .....   | .....   |
| <b>Race:</b>                    |           |           |         |         |         |
| White .....                     | 1,106,502 | 1,018,793 | 924,103 | 783,415 | 529,046 |
| Negro .....                     | 12,176    | 11,828    | 11,318  | 11,453  | 8,570   |
| Indian .....                    | 1,360     | 1,395     | 1,383   | 1,482   | 1,437   |
| Chinese .....                   | 216       | 233       | 291     | 373     | 599     |
| Japanese .....                  | 2,734     | 3,213     | 2,464   | 2,300   | 48      |
| All other.....                  | 308       | 329       | 70      | 1       | .....   |
| <b>Nativity and Color:</b>      |           |           |         |         |         |
| Native .....                    | 1,051,732 | 935,916   | 820,491 | 669,437 | 448,545 |
| White .....                     | 1,036,031 | 920,571   | 807,149 | 656,564 | 438,571 |
| Negro .....                     | 12,133    | 11,767    | 11,186  | 11,323  | 8,516   |
| Other .....                     | 3,568     | 3,578     | 2,156   | 1,550   | 1,458   |
| Foreign-born.....               | 71,564    | 99,875    | 119,138 | 129,587 | 91,155  |
| White .....                     | 70,471    | 98,222    | 116,954 | 126,851 | 90,475  |
| Negro .....                     | 43        | 61        | 132     | 130     | 54      |
| Other .....                     | 1,050     | 1,592     | 2,052   | 2,606   | 626     |
| <b>Sex:</b>                     |           |           |         |         |         |
| Male .....                      | 568,778   | 530,752   | 492,731 | 430,697 | 295,332 |
| Female .....                    | 554,518   | 505,039   | 446,898 | 368,327 | 244,368 |
| Males per 100 females.....      | 102.6     | 105.1     | 110.3   | 116.9   | 120.9   |
| <b>Population by Age:</b>       |           |           |         |         |         |
| Under 5 years.....              | 96,660    | 95,670    | 97,058  | 82,562  | 56,999  |
| 5 to 9 years.....               | 93,705    | 104,780   | 95,086  | 75,616  | 57,277  |
| 10 to 14 years.....             | 97,618    | 98,940    | 89,214  | 69,688  | 48,871  |
| 15 to 19 years.....             | 102,144   | 95,132    | 78,632  | 71,045  | 45,014  |
| 20 to 24 years.....             | 95,233    | 86,913    | 78,338  | 79,050  | 49,600  |
| 25 to 29 years.....             | 91,870    | 77,310    | 78,905  | 78,885  | 51,335  |
| 30 to 34 years.....             | 84,579    | 74,191    | 74,825  | 69,313  | 49,938  |
| 35 to 39 years.....             | 76,397    | 77,337    | 72,944  | 62,441  | 47,036  |
| 40 to 44 years.....             | 71,219    | 69,330    | 61,484  | 54,067  | 38,655  |
| 45 to 49 years.....             | 69,495    | 62,302    | 54,435  | 45,570  | 28,759  |
| 50 to 54 years.....             | 61,973    | 53,363    | 45,989  | 37,689  | 22,130  |
| 55 to 59 years.....             | 52,385    | 42,608    | 35,515  | 25,146  | 15,319  |
| 60 to 64 years.....             | 43,580    | 35,427    | 28,487  | 18,876  | 10,571  |
| 65 to 69 years.....             | 34,927    | 26,883    | 18,260  | 12,802  | 6,840   |
| 70 to 74 years.....             | 25,427    | 18,190    | 11,789  | 7,356   | 3,781   |
| 75 years and over.....          | 26,084    | 16,714    | 11,014  | 6,569   | 3,025   |
| Not reported.....               | .....     | 701       | 7,654   | 2,349   | 4,550   |
| <b>Citizenship:</b>             |           |           |         |         |         |
| Citizen .....                   | 1,097,071 | 994,137   | .....   | .....   | .....   |
| Alien .....                     | 19,892    | 36,366    | .....   | .....   | .....   |
| Not reported.....               | 6,333     | 5,288     | .....   | .....   | .....   |
| <b>21 Years Old and Over:</b>   |           |           |         |         |         |
| Citizen .....                   | 688,410   | 586,255   | .....   | .....   | .....   |
| Alien .....                     | 19,433    | 32,272    | .....   | .....   | .....   |
| Not reported.....               | 6,125     | 4,996     | .....   | .....   | .....   |
| <b>School Attendance:</b>       |           |           |         |         |         |
| <b>Age 5 years:</b>             |           |           |         |         |         |
| Total number.....               | 19,199    | 20,422    | .....   | .....   | .....   |
| Attending school.....           | 3,131     | 4,038     | .....   | .....   | .....   |
| <b>Age 6 years:</b>             |           |           |         |         |         |
| Total number.....               | 18,083    | 21,010    | .....   | .....   | .....   |
| Attending school.....           | 13,088    | 14,893    | .....   | .....   | .....   |
| <b>Age 7 to 13 years:</b>       |           |           |         |         |         |
| Total number.....               | 134,238   | 142,870   | .....   | .....   | .....   |
| Attending school.....           | 130,412   | 138,274   | .....   | .....   | .....   |
| <b>Age 14 to 15 years:</b>      |           |           |         |         |         |
| Total number.....               | 39,459    | 38,161    | .....   | .....   | .....   |
| Attending school.....           | 36,163    | 34,449    | .....   | .....   | .....   |
| <b>Age 16 to 19 years:</b>      |           |           |         |         |         |
| Total number.....               | 82,488    | 76,389    | .....   | .....   | .....   |
| Attending school.....           | 43,643    | 36,797    | .....   | .....   | .....   |
| <b>Age 20 years:</b>            |           |           |         |         |         |
| Total number.....               | 19,201    | 17,746    | .....   | .....   | .....   |
| Attending school.....           | 3,007     | 3,277     | .....   | .....   | .....   |
| <b>Age 21 to 24 years:</b>      |           |           |         |         |         |
| Total number.....               | 76,032    | 69,167    | .....   | .....   | .....   |
| Attending school.....           | 5,163     | 5,903     | .....   | .....   | .....   |

\*Incorporated places of 2,500 or more.

**POPULATION: TOTALS FOR COLORADO, BY COUNTIES AND CENSUS YEARS**  
(Source: Bureau of the Census)

| COUNTY                  | Population |           |         |         |         | Increase<br>1930-1940* |             |
|-------------------------|------------|-----------|---------|---------|---------|------------------------|-------------|
|                         | 1940       | 1930      | 1920    | 1910    | 1900    | Number                 | Per<br>Cent |
| Adams <sup>a,b,c</sup>  | 22,481     | 20,245    | 14,430  | 8,892   | .....   | 2,236                  | 11.0        |
| Alamosa <sup>d</sup>    | 10,484     | 8,602     | 5,148   | .....   | .....   | 1,882                  | 21.9        |
| Arapahoe <sup>a,b</sup> | 32,150     | 22,647    | 13,766  | 10,263  | 153,017 | 9,503                  | 42.0        |
| Archuleta               | 3,806      | 3,204     | 3,590   | 3,302   | .....   | 602                    | 18.8        |
| Baca                    | 6,207      | 10,570    | 8,721   | 2,516   | 759     | -4,363                 | -41.3       |
| Bent                    | 9,653      | 9,134     | 9,705   | 5,043   | 3,049   | 519                    | 5.7         |
| Boulder                 | 37,438     | 32,456    | 31,861  | 30,330  | 21,544  | 4,982                  | 15.4        |
| Chaffee                 | 8,109      | 8,126     | 7,753   | 7,622   | 7,085   | -17                    | -0.2        |
| Cheyenne                | 2,964      | 3,723     | 3,746   | 3,687   | 501     | -759                   | -20.4       |
| Clear Creek             | 3,784      | 2,155     | 2,891   | 5,001   | 7,082   | 1,629                  | 75.6        |
| Conejos <sup>d</sup>    | 11,648     | 9,803     | 8,416   | 11,285  | 8,794   | 1,845                  | 18.8        |
| Costilla <sup>d</sup>   | 7,533      | 5,779     | 5,032   | 5,498   | 4,632   | 1,754                  | 30.4        |
| Crowley <sup>e</sup>    | 5,398      | 5,931     | 6,383   | .....   | .....   | -536                   | -9.0        |
| Custer                  | 2,270      | 2,124     | 2,172   | 1,947   | 2,937   | 146                    | 6.9         |
| Delta                   | 16,470     | 14,204    | 13,668  | 13,688  | 5,487   | 2,266                  | 16.0        |
| Denver <sup>a,c</sup>   | 322,412    | 287,861   | 256,491 | 213,381 | .....   | 34,551                 | 12.0        |
| Dolores                 | 1,958      | 1,412     | 1,243   | 642     | 1,134   | 546                    | 38.7        |
| Douglas                 | 3,496      | 3,498     | 3,517   | 3,192   | 3,120   | -2                     | -0.1        |
| Eagle                   | 5,361      | 3,924     | 3,385   | 2,985   | 3,008   | 1,437                  | 36.6        |
| Elbert                  | 5,460      | 6,580     | 6,980   | 5,331   | 3,101   | -1,120                 | -17.0       |
| El Paso                 | 54,025     | 49,570    | 44,027  | 43,321  | 31,602  | 4,455                  | 9.0         |
| Fremont                 | 19,742     | 18,896    | 17,883  | 18,181  | 15,636  | 846                    | 4.5         |
| Garfield                | 10,560     | 9,975     | 9,304   | 10,144  | 5,835   | 585                    | 5.9         |
| Gilpin                  | 1,625      | 1,212     | 1,364   | 4,131   | 6,690   | 413                    | 34.1        |
| Grand                   | 3,587      | 2,108     | 2,659   | 1,862   | 741     | 1,479                  | 70.2        |
| Gunnison                | 6,192      | 5,527     | 5,590   | 5,897   | 5,331   | 665                    | 12.0        |
| Hinsdale                | 349        | 449       | 538     | 646     | 1,609   | -100                   | -22.3       |
| Huerfano                | 16,088     | 17,062    | 16,879  | 13,320  | 8,395   | -974                   | -5.7        |
| Jackson <sup>f</sup>    | 1,798      | 1,386     | 1,340   | 1,013   | .....   | 412                    | 29.7        |
| Jefferson <sup>g</sup>  | 30,725     | 21,810    | 14,400  | 14,231  | 9,306   | 8,915                  | 40.9        |
| Kiowa                   | 2,793      | 3,786     | 3,755   | 2,899   | 701     | -993                   | -26.2       |
| Kit Carson              | 7,512      | 9,725     | 8,915   | 7,483   | 1,580   | -2,213                 | -22.8       |
| Lake                    | 6,883      | 4,899     | 6,630   | 10,600  | 18,054  | 1,984                  | 40.5        |
| La Plata                | 15,494     | 12,975    | 11,218  | 10,812  | 7,016   | 2,519                  | 19.4        |
| Larimer <sup>h</sup>    | 35,539     | 33,137    | 27,872  | 25,270  | 12,168  | 2,402                  | 7.2         |
| Las Animas              | 32,369     | 36,008    | 38,975  | 33,643  | 21,841  | -3,639                 | -10.1       |
| Lincoln                 | 5,882      | 7,850     | 8,273   | 5,917   | 926     | -1,968                 | -25.1       |
| Logan                   | 18,370     | 19,946    | 18,427  | 9,549   | 3,292   | -1,576                 | -7.9        |
| Mesa                    | 33,791     | 25,908    | 22,281  | 22,197  | 9,267   | 7,883                  | 30.4        |
| Mineral                 | 975        | 640       | 779     | 1,239   | 1,913   | 335                    | 52.3        |
| Moffat <sup>i</sup>     | 5,086      | 4,861     | 5,129   | .....   | .....   | 225                    | 4.6         |
| Montezuma               | 10,463     | 7,798     | 6,260   | 5,029   | 3,058   | 2,665                  | 34.2        |
| Montrose                | 15,418     | 11,742    | 11,852  | 10,291  | 4,535   | 3,676                  | 31.3        |
| Morgan                  | 17,214     | 18,284    | 16,124  | 9,577   | 3,268   | -1,070                 | -5.9        |
| Otero <sup>e</sup>      | 23,571     | 24,390    | 22,623  | 20,201  | 11,522  | -819                   | -3.4        |
| Ouray <sup>j</sup>      | 2,089      | 1,784     | 2,620   | 3,514   | 4,731   | 305                    | 17.1        |
| Park                    | 3,272      | 2,052     | 1,977   | 2,492   | 2,998   | 1,220                  | 59.5        |
| Phillips                | 4,948      | 5,797     | 5,499   | 3,179   | 1,583   | -849                   | -14.6       |
| Pitkin                  | 1,836      | 1,770     | 2,707   | 4,566   | 7,020   | 66                     | 3.7         |
| Prowers                 | 12,304     | 14,762    | 13,845  | 9,520   | 3,766   | -2,458                 | -16.7       |
| Pueblo                  | 68,870     | 66,038    | 57,638  | 52,223  | 34,448  | 2,832                  | 4.3         |
| Rio Blanco              | 2,943      | 2,980     | 3,135   | 2,332   | 1,690   | -37                    | -1.2        |
| Rio Grande              | 12,404     | 9,953     | 7,855   | 6,563   | 4,080   | 2,451                  | 24.6        |
| Routt <sup>b</sup>      | 10,525     | 9,352     | 8,948   | 7,561   | 3,661   | 1,173                  | 12.5        |
| Saguache                | 6,173      | 6,250     | 4,638   | 4,160   | 3,853   | -77                    | -1.2        |
| San Juan                | 1,439      | 1,935     | 1,700   | 3,063   | 2,343   | -496                   | -25.6       |
| San Miguel <sup>j</sup> | 3,664      | 2,184     | 5,281   | 4,700   | 5,379   | 1,480                  | 67.8        |
| Sedgwick                | 5,294      | 5,580     | 4,207   | 3,061   | 971     | -286                   | -5.1        |
| Summit                  | 1,754      | 987       | 1,724   | 2,003   | 2,744   | 767                    | 77.7        |
| Teller                  | 6,463      | 4,141     | 6,696   | 14,351  | 29,002  | 2,322                  | 56.1        |
| Washington <sup>b</sup> | 8,336      | 9,591     | 11,208  | 6,002   | 1,241   | -1,255                 | -13.1       |
| Weld                    | 63,747     | 65,097    | 54,059  | 39,177  | 16,808  | -1,350                 | -2.1        |
| Yuma <sup>b</sup>       | 12,102     | 13,613    | 13,897  | 8,499   | 1,729   | -1,511                 | -11.1       |
| State                   | 1,123,296  | 1,035,791 | 939,629 | 799,024 | 539,700 | 87,505                 | 8.4         |

\*Minus sign (—) denotes decrease. <sup>a</sup>Adams and Denver counties were organized from parts of Arapahoe county in 1902. Prior thereto Denver was in Arapahoe county. <sup>b</sup>Parts of Adams and Arapahoe counties were annexed to Washington and Yuma counties in 1903. <sup>c</sup>Part of Denver county was annexed to Adams county in 1909. <sup>d</sup>Alamosa county was organized from parts of Conejos and Costilla counties in 1913. <sup>e</sup>Crowley county was organized from part of Otero county in 1911. <sup>f</sup>Jackson county was organized from part of Larimer county in 1909. <sup>g</sup>Part of Jefferson county was annexed to Park county in 1908. <sup>h</sup>Moffat county was organized from part of Routt county in 1911. <sup>i</sup>Part of San Miguel county was annexed to Ouray county in 1917.

**POPULATION: DISTRIBUTION OF POPULATION IN 1940, BY COUNTIES, WITH LAND AREA AND PER CAPITA STATISTICS**

(Source: Bureau of the Census)

| COUNTY      | Popula-<br>tion<br>1940 | Land<br>Area<br>Square<br>Miles | Popula-<br>tion per<br>Square<br>Mile | Assessed<br>Valuation<br>per Capita<br>1940 | Taxes<br>Assessed<br>per Capita<br>1940 | Bank De-<br>posits per<br>Capita<br>1940 |
|-------------|-------------------------|---------------------------------|---------------------------------------|---|---|--|
| Adams       | 22,481                  | 1,247                           | 18.0                                  | \$1,013.36                                  | \$29.03                                 | \$ 27.85                                 |
| Alamosa     | 10,484                  | 720                             | 14.5                                  | 701.65                                      | 29.67                                   | 273.61                                   |
| Arapahoe    | 32,150                  | 827                             | 38.9                                  | 574.88                                      | 22.93                                   | 98.63                                    |
| Archuleta   | 3,806                   | 1,364                           | 2.8                                   | 778.23                                      | 23.45                                   | 75.26                                    |
| Baca        | 6,207                   | 2,565                           | 2.4                                   | 1,347.17                                    | 42.28                                   | 125.04                                   |
| Bent        | 9,653                   | 1,533                           | 6.3                                   | 1,014.83                                    | 31.16                                   | 128.35                                   |
| Boulder     | 37,438                  | 753                             | 49.7                                  | 1,000.72                                    | 33.90                                   | 245.57                                   |
| Chaffee     | 8,109                   | 1,039                           | 7.8                                   | 845.43                                      | 33.89                                   | 183.44                                   |
| Cheyenne    | 2,964                   | 1,772                           | 1.7                                   | 2,527.82                                    | 64.91                                   | 130.37                                   |
| Clear Creek | 3,784                   | 394                             | 9.6                                   | 1,144.74                                    | 48.37                                   | 116.92                                   |
| Conejos     | 11,648                  | 1,271                           | 9.2                                   | 531.22                                      | 18.10                                   | 78.27                                    |
| Costilla    | 7,533                   | 1,215                           | 6.2                                   | 427.11                                      | 19.91                                   | 24.57                                    |
| Crowley     | 5,398                   | 803                             | 6.7                                   | 949.69                                      | 38.32                                   | 100.41                                   |
| Custer      | 2,270                   | 737                             | 3.1                                   | 856.07                                      | 27.90                                   | .....                                    |
| Delta       | 16,470                  | 1,157                           | 14.2                                  | 576.06                                      | 26.58                                   | 150.14                                   |
| Denver      | 322,412                 | 58                              | 5,558.8                               | 1,126.68                                    | 44.39                                   | 759.67                                   |
| Dolores     | 1,958                   | 1,028                           | 1.9                                   | 713.84                                      | 30.13                                   | .....                                    |
| Douglas     | 3,436                   | 843                             | 4.1                                   | 1,992.99                                    | 58.72                                   | 55.28                                    |
| Eagle       | 5,361                   | 1,685                           | 3.2                                   | 1,767.17                                    | 48.50                                   | 130.81                                   |
| Elbert      | 5,460                   | 1,864                           | 2.9                                   | 1,648.96                                    | 42.26                                   | 112.44                                   |
| El Paso     | 54,025                  | 2,158                           | 25.0                                  | 940.96                                      | 36.85                                   | 474.63                                   |
| Fremont     | 19,742                  | 1,562                           | 12.6                                  | 669.11                                      | 28.26                                   | 204.07                                   |
| Garfield    | 10,560                  | 2,994                           | 3.5                                   | 1,124.24                                    | 42.49                                   | 290.79                                   |
| Gilpin      | 1,625                   | 149                             | 10.9                                  | 1,768.12                                    | 68.91                                   | .....                                    |
| Grand       | 3,587                   | 1,867                           | 1.9                                   | 1,657.19                                    | 45.17                                   | 180.26                                   |
| Gunnison    | 6,192                   | 3,242                           | 1.9                                   | 1,378.28                                    | 52.08                                   | 226.20                                   |
| Hinsdale    | 349                     | 1,057                           | 0.3                                   | 1,559.45                                    | 75.02                                   | .....                                    |
| Huerfano    | 16,088                  | 1,578                           | 10.2                                  | 561.86                                      | 29.18                                   | 128.53                                   |
| Jackson     | 1,798                   | 1,623                           | 1.1                                   | 1,480.72                                    | 37.07                                   | .....                                    |
| Jefferson   | 30,725                  | 786                             | 39.1                                  | 1,262.96                                    | 28.62                                   | 48.23                                    |
| Kiowa       | 2,793                   | 1,792                           | 1.6                                   | 2,272.58                                    | 67.90                                   | 131.04                                   |
| Kit Carson  | 7,512                   | 2,171                           | 3.5                                   | 1,117.19                                    | 39.03                                   | 133.30                                   |
| Lake        | 6,883                   | 880                             | 18.1                                  | 3,037.39                                    | 42.91                                   | 21.47                                    |
| La Plata    | 15,494                  | 1,689                           | 9.2                                   | 614.87                                      | 28.67                                   | 261.19                                   |
| Larimer     | 35,539                  | 2,619                           | 13.6                                  | 1,015.88                                    | 39.35                                   | 212.02                                   |
| Las Animas  | 32,369                  | 4,794                           | 6.7                                   | 840.20                                      | 38.90                                   | 156.00                                   |
| Lincoln     | 5,882                   | 2,593                           | 2.3                                   | 1,590.17                                    | 48.26                                   | 207.83                                   |
| Logan       | 18,370                  | 1,827                           | 10.1                                  | 1,139.84                                    | 37.23                                   | 179.32                                   |
| Mesa        | 33,791                  | 3,313                           | 10.2                                  | 617.08                                      | 28.76                                   | 168.73                                   |
| Mineral     | 975                     | 921                             | 1.1                                   | 1,290.59                                    | 35.02                                   | .....                                    |
| Moffat      | 5,086                   | 4,754                           | 1.1                                   | 1,097.16                                    | 33.13                                   | 115.15                                   |
| Montezuma   | 10,463                  | 2,095                           | 5.0                                   | 523.94                                      | 21.11                                   | 126.20                                   |
| Montrose    | 15,418                  | 2,239                           | 6.9                                   | 553.26                                      | 23.38                                   | 207.21                                   |
| Morgan      | 17,214                  | 1,282                           | 13.4                                  | 996.60                                      | 34.59                                   | 215.58                                   |
| Otero       | 23,571                  | 1,267                           | 18.6                                  | 886.22                                      | 30.65                                   | 170.45                                   |
| Ouray       | 2,089                   | 540                             | 3.9                                   | 1,264.93                                    | 55.51                                   | 223.63                                   |
| Park        | 3,272                   | 2,166                           | 1.5                                   | 1,282.07                                    | 38.00                                   | 140.65                                   |
| Phillips    | 4,948                   | 680                             | 7.3                                   | 1,310.85                                    | 40.64                                   | 222.72                                   |
| Pitkin      | 1,836                   | 974                             | 1.9                                   | 1,148.26                                    | 40.02                                   | 232.42                                   |
| Prowers     | 12,304                  | 1,626                           | 7.6                                   | 1,112.18                                    | 37.67                                   | 157.46                                   |
| Pueblo      | 68,870                  | 2,401                           | 28.7                                  | 823.48                                      | 38.58                                   | 486.39                                   |
| Rio Blanco  | 2,943                   | 3,263                           | 0.9                                   | 1,304.34                                    | 44.52                                   | 215.40                                   |
| Rio Grande  | 12,404                  | 916                             | 13.4                                  | 623.57                                      | 29.30                                   | 82.42                                    |
| Routt       | 10,525                  | 2,330                           | 4.5                                   | 1,049.60                                    | 33.20                                   | 124.18                                   |
| Saguache    | 6,173                   | 3,144                           | 2.0                                   | 989.33                                      | 32.73                                   | 191.86                                   |
| San Juan    | 1,439                   | 392                             | 3.7                                   | 1,971.70                                    | 78.05                                   | .....                                    |
| San Miguel  | 3,664                   | 1,283                           | 2.9                                   | 935.40                                      | 35.51                                   | .....                                    |
| Sedgwick    | 5,294                   | 544                             | 9.7                                   | 1,394.42                                    | 44.55                                   | 183.26                                   |
| Summit      | 1,754                   | 615                             | 2.9                                   | 3,970.21                                    | 66.14                                   | .....                                    |
| Teller      | 6,463                   | 554                             | 11.7                                  | 771.73                                      | 30.48                                   | 329.36                                   |
| Washington  | 8,336                   | 2,525                           | 3.3                                   | 1,077.55                                    | 33.25                                   | 87.06                                    |
| Weld        | 63,747                  | 4,004                           | 15.9                                  | 1,009.64                                    | 35.06                                   | 168.89                                   |
| Yuma        | 12,102                  | 2,383                           | 5.1                                   | 849.14                                      | 29.30                                   | 157.34                                   |
| State       | 1,123,296               | 103,967                         | 10.8                                  | \$ 991.00                                   | \$37.13                                 | \$364.19                                 |

**POPULATION: FOREIGN-BORN POPULATION OF COLORADO, BY COUNTRY OF BIRTH, BY CENSUS YEARS**

(Source: Bureau of the Census)

| COUNTRY                        | 1940          |              | 1930          |              | 1920           |              | 1910           |              |
|--------------------------------|---------------|--------------|---------------|--------------|----------------|--------------|----------------|--------------|
|                                | Number        | Per Cent     | Number        | Per Cent     | Number         | Per Cent     | Number         | Per Cent     |
| England .....                  | 4,706         | 6.7          | 6,892         | 7.0          | 9,584          | 8.2          | 12,926         | 10.2         |
| Scotland .....                 | 1,883         | 2.7          | 2,877         | 2.9          | 3,357          | 2.9          | 4,269          | 3.4          |
| Wales .....                    | 571           | 0.8          | 1,061         | 1.1          | 1,482          | 1.3          | 1,989          | 1.6          |
| Northern Ireland.....          | 398           | 0.6          | 900           | 0.9          | 6,191          | 5.3          | 8,710          | 6.9          |
| Irish Free State (Eire)...     | 2,120         | 3.0          | 3,184         | 3.2          |                |              |                |              |
| Norway .....                   | 948           | 1.3          | 1,261         | 1.3          | 1,525          | 1.3          | 1,787          | 1.4          |
| Sweden .....                   | 5,844         | 8.3          | 8,328         | 8.5          | 10,112         | 8.6          | 12,445         | 9.8          |
| Denmark .....                  | 1,843         | 2.6          | 2,374         | 2.4          | 2,823          | 2.4          | 2,755          | 2.2          |
| Iceland .....                  | 4             | ..           | 1             | ..           |                |              |                |              |
| Netherlands <sup>1</sup> ..... | 683           | 1.0          | 810           | 0.8          | 853            | 0.7          | 710            | 0.6          |
| Belgium .....                  | 341           | 0.5          | 390           | 0.4          | 430            | 0.4          | 375            | 0.3          |
| Luxemburg .....                | 53            | 0.1          | 51            | 0.1          | 91             | 0.1          | 24             | ..           |
| Switzerland .....              | 842           | 1.2          | 1,202         | 1.2          | 1,510          | 1.3          | 1,767          | 1.4          |
| France .....                   | 786           | 1.1          | 1,072         | 1.1          | 1,420          | 1.2          | 1,373          | 1.1          |
| Germany .....                  | 7,017         | 10.0         | 9,988         | 10.2         | 11,992         | 10.3         | 16,908         | 13.3         |
| Poland .....                   | 1,796         | 2.5          | 2,488         | 2.5          | 1,867          | 1.6          | 2,483          | 2.0          |
| Czechoslovakia .....           | 1,036         | 1.5          | 1,714         | 1.7          | 1,953          | 1.7          | ....           | ..           |
| Austria .....                  | 3,226         | 4.6          | 2,468         | 2.5          | 5,722          | 4.9          | 11,581         | 9.1          |
| Hungary .....                  | 666           | 0.9          | 690           | 0.7          | 1,157          | 1.0          | 1,632          | 1.3          |
| Yugoslavia .....               | 2,239         | 3.2          | 3,650         | 3.7          | 2,109          | 1.8          | ....           | ..           |
| Russia (U. S. S. R.).....      | 11,185        | 15.9         | 12,979        | 13.2         | 16,669         | 14.3         | 12,757         | 10.1         |
| Latvia .....                   | 35            | ..           | 61            | 0.1          |                |              |                |              |
| Estonia .....                  | 10            | ..           | 13            | ..           |                |              |                |              |
| Lithuania .....                | 216           | 0.3          | 262           | 0.3          |                |              |                |              |
| Finland .....                  | 414           | 0.6          | 563           | 0.6          | 879            | 0.8          | 1,239          | 1.0          |
| Rumania .....                  | 329           | 0.5          | 450           | 0.5          | 394            | 0.2          | 334            | 0.3          |
| Bulgaria .....                 | 228           | 0.3          | 271           | 0.3          | 349            | 0.3          | 442            | 0.3          |
| Turkey in Europe.....          | 32            | ..           | 9             | ..           | 12             | ..           | 216            | 0.1          |
| Greece .....                   | 1,049         | 1.5          | 1,230         | 1.3          | 1,802          | 1.5          | 2,270          | 1.8          |
| Italy .....                    | 8,352         | 11.9         | 10,670        | 10.9         | 12,579         | 10.8         | 14,375         | 11.3         |
| Spain .....                    | 164           | 0.2          | 224           | 0.2          | 297            | 0.3          | 174            | 0.1          |
| Portugal .....                 | 12            | ..           | 15            | ..           | 33             | ..           | 42             | ..           |
| Palestine .....                | 32            | ..           | 27            | ..           | 41             | ..           | 3333           | 0.3          |
| Syria .....                    | 181           | 0.3          | 254           | 0.3          | 289            | 0.2          |                |              |
| Turkey in Asia.....            | 50            | 0.1          | 78            | 0.1          | 30             | ..           |                |              |
| Other Asia.....                | 116           | 0.2          | 108           | 0.1          | 108            | 0.1          | 61             | ..           |
| Other Europe.....              | 24            | ..           | 77            | 0.1          | 54             | ..           | 4227           | 0.2          |
| Canada—French .....            | 366           | 0.5          | 572           | 0.6          | 418            | 0.4          | 789            | 0.6          |
| Canada—Other .....             | 3,799         | 5.4          | 5,249         | 5.3          | 7,203          | 6.2          | 8,744          | 6.9          |
| Newfoundland .....             | 29            | ..           | 27            | ..           | 39             | ..           | 29             | ..           |
| Mexico .....                   | 6,360         | 9.0          | 13,125        | 13.4         | 10,894         | 9.3          | 2,543          | 2.0          |
| Cuba .....                     | 20            | ..           | 29            | ..           | 51             | ..           | 32             | ..           |
| Other West Indies.....         | 18            | ..           | 33            | ..           | 40             | ..           | 31             | ..           |
| Central America.....           | 14            | ..           | 18            | ..           | 5              | ..           | 8              | ..           |
| South America .....            | 207           | 0.3          | 201           | 0.2          | 178            | 0.2          | 124            | 0.1          |
| Australia .....                | 95            | 0.1          | 114           | 0.1          | 112            | 0.1          | 116            | 0.1          |
| Azores .....                   | 1             | ..           | 1             | ..           | 8              | ..           | 12             | ..           |
| Other Atlantic Islands....     | 9             | ..           | 10            | ..           |                |              |                |              |
| Born at sea.....               | 14            | 0.1          | 64            | 0.1          | 63             | 0.1          | 110            | 0.1          |
| All other and not reported.    | 108           | 0.2          | 87            | 0.1          | 114            | 0.1          | 109            | 0.1          |
| <b>Total .....</b>             | <b>70,471</b> | <b>100.0</b> | <b>98,222</b> | <b>100.0</b> | <b>116,954</b> | <b>100.0</b> | <b>126,851</b> | <b>100.0</b> |

<sup>1</sup>Listed as Holland prior to 1910.

<sup>2</sup>Persons reported in 1910 as of Polish mother tongue born in Austria, Germany, and Russia have been deducted from their respective countries and combined as Poland.

<sup>3</sup>Turkey in Asia included Armenia, Palestine, and Syria in 1910. Subsequent to 1910 Armenia included with Other Asia.

<sup>4</sup>Includes 55 persons born in Serbia and 111 persons born in Montenegro, which became part of Yugoslavia in 1918.

**POPULATION: COMPOSITION OF THE POPULATION BY RACE,  
BY COUNTIES, 1940**

(Source: Bureau of the Census)

| COUNTY      | White     | Negro  | Indian | Chinese | Japanese |
|-------------|-----------|--------|--------|---------|----------|
| Adams       | 21,980    | 77     | 6      | ...     | 336      |
| Alamosa     | 10,416    | 31     | ...    | 9       | 28       |
| Arapahoe    | 31,872    | 170    | 11     | ...     | 91       |
| Archuleta   | 3,798     | ...    | ...    | ...     | ...      |
| Baca        | 6,194     | 7      | ...    | ...     | ...      |
| Bent        | 9,497     | 43     | 25     | 9       | 79       |
| Boulder     | 37,192    | 140    | 15     | 3       | 82       |
| Chaffee     | 8,083     | 17     | ...    | ...     | ...      |
| Cheyenne    | 2,964     | ...    | ...    | ...     | ...      |
| Clear Creek | 3,777     | 4      | ...    | ...     | ...      |
| Conejos     | 11,554    | 2      | 2      | ...     | 87       |
| Costilla    | 7,349     | 1      | 9      | ...     | 174      |
| Crowley     | 5,213     | ...    | 6      | ...     | 79       |
| Custer      | 2,268     | 2      | ...    | ...     | ...      |
| Delta       | 16,434    | 1      | 19     | ...     | 16       |
| Denver      | 313,810   | 7,836  | 195    | 110     | 323      |
| Dolores     | 1,954     | ...    | ...    | ...     | ...      |
| Douglas     | 3,482     | 8      | ...    | ...     | ...      |
| Eagle       | 5,359     | 1      | ...    | ...     | ...      |
| Elbert      | 5,449     | 8      | ...    | ...     | ...      |
| El Paso     | 52,853    | 1,122  | ...    | ...     | ...      |
| Fremont     | 19,564    | 166    | ...    | ...     | ...      |
| Garfield    | 10,551    | 7      | ...    | ...     | ...      |
| Gilpin      | 1,625     | ...    | ...    | ...     | ...      |
| Grand       | 3,579     | ...    | ...    | ...     | ...      |
| Gunnison    | 6,168     | 24     | ...    | ...     | ...      |
| Hinsdale    | 345       | 3      | ...    | ...     | ...      |
| Huerfano    | 15,919    | 163    | ...    | ...     | ...      |
| Jackson     | 1,798     | ...    | ...    | ...     | ...      |
| Jefferson   | 30,597    | 56     | ...    | ...     | ...      |
| Kiowa       | 2,793     | ...    | ...    | ...     | ...      |
| Kit Carson  | 7,512     | ...    | ...    | ...     | ...      |
| Lake        | 6,879     | 4      | ...    | ...     | ...      |
| La Plata    | 15,038    | 24     | 402    | 22      | 8        |
| Larimer     | 35,517    | 17     | ...    | ...     | ...      |
| Las Animas  | 32,134    | 193    | 20     | 5       | 5        |
| Lincoln     | 5,881     | 1      | ...    | ...     | ...      |
| Logan       | 18,285    | 15     | ...    | ...     | 70       |
| Mesa        | 33,629    | 74     | 11     | 8       | 63       |
| Mineral     | 975       | ...    | ...    | ...     | ...      |
| Moffat      | 5,082     | 2      | ...    | ...     | ...      |
| Montezuma   | 9,961     | 3      | 499    | ...     | ...      |
| Montrose    | 15,375    | 14     | 3      | ...     | 21       |
| Morgan      | 17,180    | 24     | ...    | ...     | ...      |
| Otero       | 23,130    | 168    | 21     | 10      | 242      |
| Ouray       | 2,089     | ...    | ...    | ...     | ...      |
| Park        | 3,271     | 1      | ...    | ...     | ...      |
| Phillips    | 4,946     | 2      | ...    | ...     | ...      |
| Pitkin      | 1,831     | 5      | ...    | ...     | ...      |
| Prowers     | 12,241    | 30     | 16     | 2       | 15       |
| Pueblo      | 67,305    | 1,420  | 13     | 20      | 103      |
| Rio Blanco  | 2,932     | 11     | ...    | ...     | ...      |
| Rio Grande  | 12,392    | 4      | ...    | ...     | ...      |
| Routt       | 10,299    | 168    | 4      | ...     | 53       |
| Saguache    | 6,168     | 3      | ...    | ...     | ...      |
| San Juan    | 1,437     | 2      | ...    | ...     | ...      |
| San Miguel  | 3,660     | ...    | ...    | ...     | ...      |
| Sedgwick    | 5,213     | 1      | ...    | ...     | 80       |
| Summit      | 1,752     | 1      | ...    | ...     | ...      |
| Teller      | 6,454     | 5      | ...    | ...     | ...      |
| Washington  | 8,311     | 8      | ...    | ...     | 17       |
| Weld        | 62,984    | 87     | 15     | ...     | 660      |
| Yuma        | 12,102    | ...    | ...    | ...     | ...      |
| Total       | 1,106,502 | 12,176 | 1,292  | 198     | 2,632    |

**POPULATION: COMPOSITION OF THE POPULATION BY NATIVITY AND BY PERSONS OF VOTING AGE (21 YEARS OLD AND OVER), BY COUNTIES, 1940**  
(Source: Bureau of the Census)

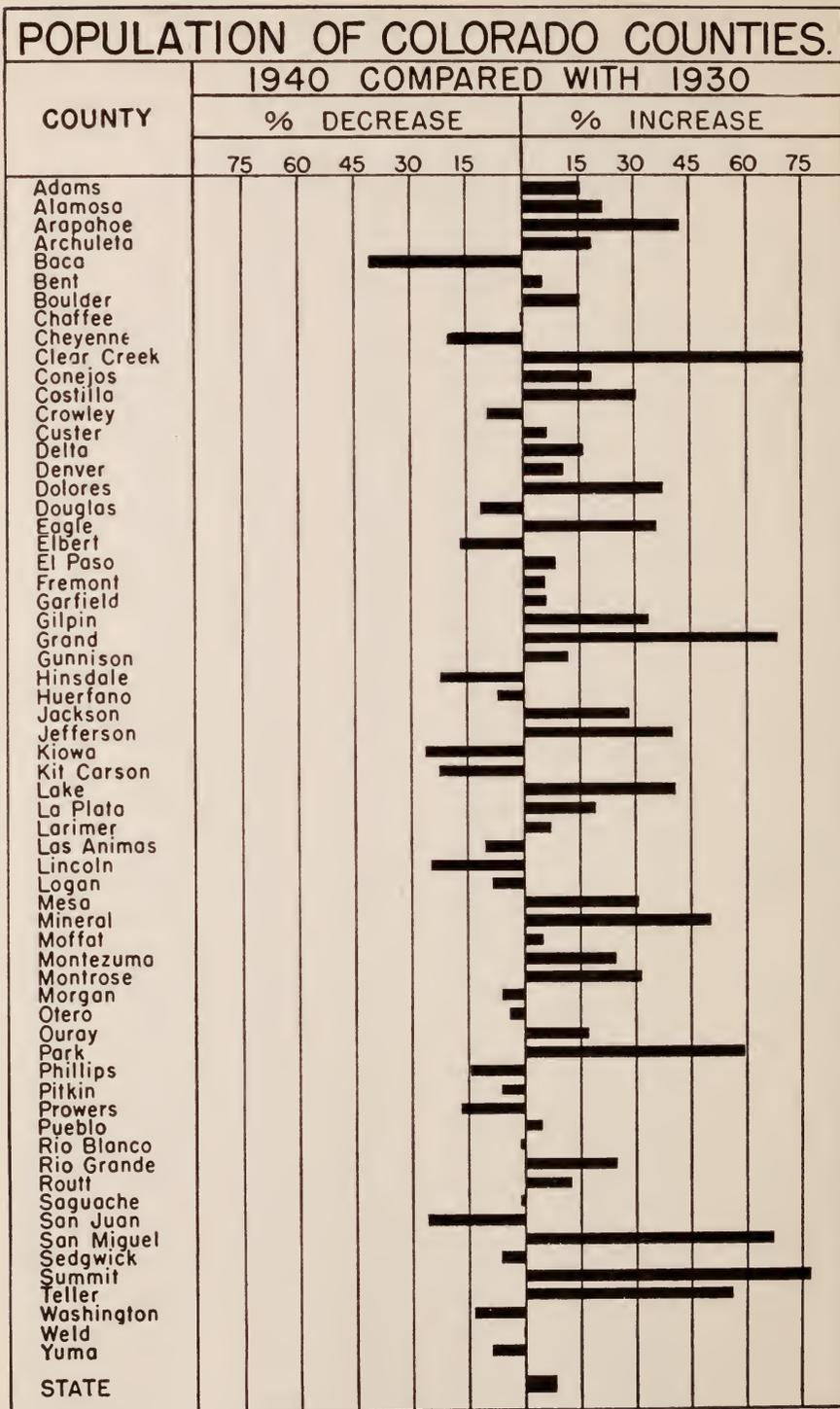
| COUNTY      | Total Population |              | Of Voting Age |                          |                    |                                       | Total   |
|-------------|------------------|--------------|---------------|--------------------------|--------------------|---------------------------------------|---------|
|             | Native           | Foreign Born | Native        | Foreign Born Naturalized | Foreign Born Alien | Foreign Born Citizenship Not Reported |         |
| Adams       | 20,676           | 1,805        | 11,868        | 987                      | 642                | 167                                   | 13,664  |
| Alamosa     | 10,290           | 194          | 5,763         | 128                      | 34                 | 27                                    | 5,952   |
| Arapahoe    | 30,746           | 1,404        | 18,664        | 1,034                    | 266                | 90                                    | 20,054  |
| Archuleta   | 3,772            | 34           | 1,933         | 25                       | 4                  | 5                                     | 1,967   |
| Baca        | 6,159            | 48           | 3,507         | 25                       | 10                 | 12                                    | 3,654   |
| Bent        | 9,299            | 354          | 5,561         | 114                      | 117                | 116                                   | 5,908   |
| Boulder     | 34,944           | 2,504        | 21,900        | 1,683                    | 635                | 131                                   | 24,409  |
| Chaffee     | 7,546            | 563          | 4,519         | 378                      | 148                | 30                                    | 5,075   |
| Cheyenne    | 2,866            | 98           | 1,688         | 76                       | 4                  | 18                                    | 1,786   |
| Clear Creek | 3,574            | 210          | 2,355         | 171                      | 27                 | 10                                    | 2,563   |
| Conejos     | 11,559           | 89           | 5,460         | 34                       | 34                 | 18                                    | 5,546   |
| Costilla    | 7,434            | 99           | 3,415         | 30                       | 66                 | 2                                     | 3,513   |
| Crowley     | 5,020            | 378          | 2,687         | 177                      | 155                | 42                                    | 3,061   |
| Custer      | 2,160            | 110          | 1,323         | 83                       | 20                 | 5                                     | 1,431   |
| Delta       | 15,907           | 563          | 9,132         | 293                      | 181                | 76                                    | 9,682   |
| Denver      | 297,430          | 24,982       | 201,868       | 16,939                   | 5,760              | 1,944                                 | 226,511 |
| Dolores     | 1,922            | 36           | 1,039         | 21                       | 5                  | 10                                    | 1,075   |
| Douglas     | 3,315            | 181          | 2,086         | 135                      | 26                 | 18                                    | 2,265   |
| Eagle       | 5,103            | 258          | 3,015         | 198                      | 40                 | 17                                    | 3,270   |
| Ebert       | 5,207            | 253          | 3,079         | 215                      | 14                 | 23                                    | 3,331   |
| El Paso     | 51,522           | 2,503        | 34,644        | 1,816                    | 471                | 193                                   | 37,124  |
| Fremont     | 18,347           | 1,395        | 11,459        | 946                      | 329                | 102                                   | 12,836  |
| Garfield    | 9,951            | 609          | 6,018         | 363                      | 127                | 119                                   | 6,627   |
| Gilpin      | 1,495            | 130          | 975           | 96                       | 19                 | 13                                    | 1,103   |
| Grand       | 3,451            | 136          | 2,169         | 100                      | 25                 | 11                                    | 2,305   |
| Gunnison    | 5,669            | 523          | 3,273         | 380                      | 90                 | 46                                    | 3,789   |
| Hinsdale    | 329              | 20           | 223           | 12                       | 1                  | 7                                     | 243     |
| Huerfano    | 14,793           | 1,295        | 7,327         | 904                      | 203                | 167                                   | 8,601   |
| Jackson     | 1,721            | 77           | 1,094         | 53                       | 16                 | 7                                     | 1,170   |
| Jefferson   | 28,844           | 1,881        | 18,033        | 1,305                    | 386                | 167                                   | 19,891  |
| Kiowa       | 2,738            | 55           | 1,635         | 42                       | 3                  | 9                                     | 1,689   |
| Kit Carson  | 7,284            | 228          | 4,135         | 139                      | 18                 | 66                                    | 4,358   |
| Lake        | 6,269            | 614          | 3,882         | 397                      | 113                | 95                                    | 4,487   |
| La Plata    | 14,940           | 554          | 8,462         | 438                      | 60                 | 43                                    | 9,003   |
| Larimer     | 33,102           | 2,437        | 19,923        | 1,508                    | 754                | 154                                   | 22,339  |
| Las Animas  | 29,826           | 2,543        | 15,181        | 1,064                    | 726                | 223                                   | 17,694  |
| Lincoln     | 5,681            | 201          | 3,335         | 167                      | 17                 | 13                                    | 3,532   |
| Logan       | 16,938           | 1,432        | 9,006         | 649                      | 647                | 115                                   | 10,417  |
| Mesa        | 32,656           | 1,135        | 19,495        | 823                      | 234                | 70                                    | 20,622  |
| Mineral     | 950              | 25           | 553           | 21                       | 3                  | 1                                     | 578     |
| Moffat      | 4,897            | 189          | 3,013         | 148                      | 26                 | 14                                    | 3,201   |
| Montezuma   | 10,298           | 165          | 5,472         | 131                      | 13                 | 19                                    | 5,635   |
| Montrose    | 14,918           | 500          | 8,471         | 297                      | 134                | 59                                    | 8,961   |
| Morgan      | 15,677           | 1,537        | 8,429         | 698                      | 727                | 92                                    | 9,946   |
| Otero       | 22,425           | 1,146        | 12,641        | 419                      | 520                | 173                                   | 13,753  |
| Ouray       | 1,916            | 173          | 1,163         | 128                      | 26                 | 18                                    | 1,335   |
| Park        | 3,153            | 119          | 2,070         | 94                       | 16                 | 8                                     | 2,188   |
| Phillips    | 4,805            | 143          | 2,890         | 114                      | 4                  | 24                                    | 3,032   |
| Pitkin      | 1,562            | 274          | 968           | 229                      | 29                 | 15                                    | 1,241   |
| Prowers     | 11,720           | 584          | 6,590         | 231                      | 291                | 42                                    | 7,154   |
| Pueblo      | 62,918           | 5,952        | 39,922        | 3,257                    | 2,145              | 468                                   | 45,792  |
| Rio Blanco  | 2,864            | 79           | 1,750         | 60                       | 7                  | 11                                    | 1,828   |
| Rio Grande  | 12,250           | 154          | 6,710         | 120                      | 27                 | 7                                     | 6,864   |
| Routt       | 9,782            | 743          | 5,728         | 399                      | 263                | 69                                    | 6,459   |
| Saguache    | 6,061            | 112          | 3,152         | 87                       | 9                  | 12                                    | 3,260   |
| San Juan    | 1,256            | 183          | 763           | 123                      | 56                 | 4                                     | 946     |
| San Miguel  | 3,458            | 206          | 2,067         | 141                      | 59                 | 5                                     | 2,272   |
| Sedgwick    | 4,901            | 393          | 2,678         | 165                      | 205                | 17                                    | 3,065   |
| Summit      | 1,678            | 76           | 1,160         | 58                       | 15                 | 3                                     | 1,236   |
| Teller      | 6,161            | 302          | 3,808         | 221                      | 66                 | 12                                    | 4,107   |
| Washington  | 8,033            | 303          | 4,510         | 230                      | 40                 | 31                                    | 4,811   |
| Weld        | 57,719           | 6,028        | 30,886        | 3,003                    | 2,311              | 615                                   | 36,815  |
| Yuma        | 11,855           | 247          | 6,798         | 205                      | 14                 | 25                                    | 7,042   |
| Total       | 1,051,732        | 71,564       | 643,383       | 45,027                   | 19,433             | 6,125                                 | 713,968 |

**POPULATION: EMPLOYMENT STATUS OF PERSONS 14 YEARS OLD AND OVER, BY COUNTIES, 1940**

(Source: Bureau of the Census)

Note—Information refers to persons 14 years old and over according to activity during the week of March 24 to April 1, 1940.

| COUNTY      | Total Population 14 Years Old and Over | In Labor Force                           |                          |              |                      | Not in Labor Force |
|-------------|--|--|--------------------------|--------------|----------------------|--------------------|
|             |  | Employed Except on Public Emergency Work | On Public Emergency Work | Seeking Work | Total in Labor Force |                    |
| Adams       | 16,615                                 | 6,822                                    | 830                      | 653          | 8,305                | 8,310              |
| Alamosa     | 7,377                                  | 3,010                                    | 425                      | 320          | 3,755                | 3,622              |
| Arapahoe    | 24,037                                 | 10,313                                   | 889                      | 925          | 12,127               | 11,910             |
| Archuleta   | 2,485                                  | 875                                      | 188                      | 142          | 1,205                | 1,280              |
| Baca        | 4,504                                  | 1,764                                    | 401                      | 96           | 2,261                | 2,243              |
| Bent        | 7,103                                  | 2,611                                    | 237                      | 264          | 3,112                | 3,991              |
| Boulder     | 29,202                                 | 11,684                                   | 964                      | 1,303        | 13,951               | 15,251             |
| Chaffee     | 6,244                                  | 2,237                                    | 321                      | 458          | 3,016                | 3,228              |
| Cheyenne    | 2,196                                  | 989                                      | 128                      | 45           | 1,112                | 1,084              |
| Clear Creek | 2,910                                  | 1,150                                    | 172                      | 202          | 1,524                | 1,386              |
| Conejos     | 7,264                                  | 2,329                                    | 584                      | 423          | 3,336                | 3,928              |
| Costilla    | 4,627                                  | 1,185                                    | 529                      | 432          | 2,146                | 2,481              |
| Crowley     | 3,881                                  | 1,371                                    | 269                      | 186          | 1,826                | 2,055              |
| Custer      | 1,720                                  | 704                                      | 85                       | 75           | 864                  | 856                |
| Delta       | 11,980                                 | 4,707                                    | 309                      | 528          | 5,544                | 6,436              |
| Denver      | 262,279                                | 116,688                                  | 8,454                    | 12,251       | 137,393              | 124,886            |
| Dolores     | 1,322                                  | 564                                      | 54                       | 20           | 638                  | 684                |
| Douglas     | 2,690                                  | 1,246                                    | 29                       | 73           | 1,348                | 1,342              |
| Eagle       | 3,937                                  | 1,868                                    | 10                       | 200          | 2,078                | 1,859              |
| Elbert      | 3,985                                  | 1,877                                    | 128                      | 54           | 2,059                | 1,926              |
| El Paso     | 43,183                                 | 16,751                                   | 1,387                    | 1,930        | 20,068               | 23,115             |
| Fremont     | 15,386                                 | 4,872                                    | 489                      | 944          | 6,305                | 9,081              |
| Garfield    | 7,960                                  | 3,351                                    | 175                      | 263          | 3,789                | 4,171              |
| Gilpin      | 1,261                                  | 541                                      | 47                       | 94           | 682                  | 579                |
| Grand       | 2,696                                  | 1,150                                    | 77                       | 217          | 1,444                | 1,252              |
| Gunnison    | 4,576                                  | 1,975                                    | 110                      | 185          | 2,270                | 2,306              |
| Hinsdale    | 283                                    | 101                                      | 26                       | 26           | 153                  | 130                |
| Huerfano    | 11,123                                 | 3,251                                    | 631                      | 1,174        | 5,056                | 6,067              |
| Jackson     | 1,338                                  | 712                                      | 6                        | 42           | 760                  | 578                |
| Jefferson   | 23,755                                 | 9,536                                    | 899                      | 883          | 11,318               | 12,437             |
| Kiowa       | 2,104                                  | 828                                      | 146                      | 82           | 1,056                | 1,048              |
| Kit Carson  | 5,485                                  | 2,221                                    | 311                      | 169          | 2,701                | 2,784              |
| Lake        | 5,214                                  | 2,358                                    | 67                       | 384          | 2,809                | 2,405              |
| La Plata    | 10,980                                 | 4,231                                    | 437                      | 764          | 5,432                | 5,548              |
| Larimer     | 27,081                                 | 9,873                                    | 1,099                    | 1,593        | 12,565               | 14,516             |
| Las Animas  | 22,470                                 | 7,318                                    | 1,868                    | 1,251        | 10,437               | 12,033             |
| Lincoln     | 4,401                                  | 1,913                                    | 233                      | 129          | 2,275                | 2,126              |
| Logan       | 13,161                                 | 5,541                                    | 386                      | 585          | 6,512                | 6,649              |
| Mesa        | 25,148                                 | 10,010                                   | 973                      | 860          | 11,843               | 13,305             |
| Mineral     | 684                                    | 334                                      | 2                        | 38           | 374                  | 310                |
| Moffat      | 3,816                                  | 1,827                                    | 71                       | 191          | 2,089                | 1,727              |
| Montezuma   | 7,100                                  | 2,732                                    | 294                      | 389          | 3,415                | 3,685              |
| Montrose    | 11,043                                 | 4,770                                    | 214                      | 447          | 5,431                | 5,612              |
| Morgan      | 12,329                                 | 4,943                                    | 373                      | 455          | 5,771                | 6,558              |
| Otero       | 17,012                                 | 6,195                                    | 862                      | 815          | 7,872                | 9,140              |
| Ouray       | 1,584                                  | 673                                      | 3                        | 115          | 791                  | 793                |
| Park        | 2,544                                  | 1,235                                    | 14                       | 152          | 1,401                | 1,143              |
| Phillips    | 3,674                                  | 1,623                                    | 108                      | 115          | 1,846                | 1,828              |
| Pitkin      | 1,447                                  | 552                                      | 54                       | 78           | 684                  | 763                |
| Prowers     | 8,873                                  | 3,510                                    | 468                      | 313          | 4,291                | 4,582              |
| Pueblo      | 53,985                                 | 20,972                                   | 1,944                    | 1,996        | 24,912               | 29,073             |
| Rio Blanco  | 2,221                                  | 948                                      | 72                       | 118          | 1,138                | 1,083              |
| Rio Grande  | 8,520                                  | 3,237                                    | 380                      | 442          | 4,059                | 4,461              |
| Routt       | 7,723                                  | 3,542                                    | 137                      | 375          | 4,054                | 3,669              |
| Saguache    | 4,113                                  | 1,538                                    | 222                      | 187          | 1,947                | 2,166              |
| San Juan    | 1,080                                  | 476                                      | 5                        | 139          | 620                  | 460                |
| San Miguel  | 2,685                                  | 1,322                                    | 23                       | 166          | 1,511                | 1,174              |
| Sedgwick    | 3,836                                  | 1,721                                    | 144                      | 192          | 2,057                | 1,779              |
| Summit      | 1,383                                  | 647                                      | 2                        | 161          | 810                  | 573                |
| Teller      | 4,833                                  | 2,142                                    | 180                      | 248          | 2,570                | 2,263              |
| Washington  | 6,052                                  | 2,741                                    | 202                      | 132          | 3,075                | 2,977              |
| Weld        | 45,869                                 | 17,842                                   | 1,384                    | 2,258        | 21,484               | 24,385             |
| Yuma        | 8,747                                  | 3,736                                    | 277                      | 203          | 4,216                | 4,531              |
| Total       | 855,116                                | 349,735                                  | 31,808                   | 39,950       | 421,493              | 433,623            |



**POPULATION: COLORADO CITIES OF 5,000 OR MORE, BY CENSUS YEARS**

(Source: Bureau of the Census)

| CITY                  | 1940    | 1930    | 1920    | 1910    | 1900    |
|-----------------------|---------|---------|---------|---------|---------|
| Alamosa .....         | 5,613   | 5,107   | 3,171   | 3,013   | 1,141   |
| Boulder .....         | 12,958  | 11,223  | 11,006  | 9,539   | 6,150   |
| Canon City.....       | 6,690   | 5,938   | 4,551   | 5,162   | 3,775   |
| Colorado Springs..... | 36,789  | 33,237  | 30,105  | 29,078  | 21,085  |
| Denver .....          | 322,412 | 287,861 | 256,491 | 213,381 | 133,859 |
| Durango .....         | 5,887   | 5,400   | 4,116   | 4,686   | 3,317   |
| Englewood .....       | 9,680   | 7,980   | 4,356   | 2,983   | .....   |
| Fort Collins.....     | 12,251  | 11,489  | 8,755   | 8,210   | 3,053   |
| Grand Junction.....   | 12,479  | 10,247  | 8,665   | 7,754   | 3,503   |
| Greeley .....         | 15,995  | 12,203  | 10,958  | 8,179   | 3,023   |
| La Junta.....         | 7,040   | 7,193   | 4,964   | 4,154   | 2,513   |
| Longmont .....        | 7,406   | 6,029   | 5,848   | 4,256   | 2,201   |
| Loveland .....        | 6,145   | 5,506   | 5,065   | 3,651   | 1,091   |
| Pueblo .....          | 52,162  | 50,096  | 43,050  | 41,747  | 28,157  |
| Sterling .....        | 7,411   | 7,195   | 6,415   | 3,044   | 998     |
| Trinidad .....        | 13,223  | 11,732  | 10,906  | 10,204  | 5,345   |
| Walsenburg .....      | 5,855   | 5,503   | 3,565   | 2,423   | 1,033   |

**INDIANS IN COLORADO**

The territory embraced in what is now the state of Colorado was at one time inhabited by numerous tribes of Indians, but at the present time the Indian population is comparatively small and is confined mostly to the Ute Mountain Utes and Southern Utes reservations in the southwestern corner of the state. The two reservations are directed as a single unit known as the Consolidated Ute agency, with headquarters at Ignacio.

Under the Indian reorganization act of congress, the Southern Ute tribe was granted a corporate charter for self-government on July 11, 1938, by the department of the interior. This charter was ratified and became effective by a vote of the adult members of the tribe on November 1, 1938. Each member of the tribe received a non-transferable certificate of membership evidencing the equal share of each in the assets of the tribe and profits of corporate enterprises.

The Indian population of the reservations, consisting of persons of Indian blood under the jurisdiction of the federal government, was 882 on January 1, 1940. This compares with 834 on the same date in 1935, an increase of only 48. This is approximately 0.2 per cent of the Indian population of the United States.

The government conducts two schools for the Indians in the agency, one of which is at Ute Mountain and the other at Ignacio. These schools have accommodations for 400 students and the highest grade taught is the ninth.

The Indian service under the department of the interior has adopted a policy of decentralization of administration and maintains in Denver the divisions of education and reservation law enforcement. The first named has jurisdiction over the education of the Indians throughout the United States and is second in authority to the headquarters in Washington.

The bureau of the census enumerates Indians according to their place of residence without regard to tribal affiliations. The census of 1870, the first of the Indian population in what is now Colorado, listed only 154 Indians in the state. The total in 1940 was 1,360, which compares with 1,395 in 1930 and 1,383 in 1920. In 1940 there were 499 Indians in Montezuma county, 402 in La Plata county, 195 in Denver, and the remainder scattered through 16 counties.

**CHURCH POPULATION**

A census of religious organizations in Colorado in 1936, conducted by the bureau of the census, shows 1,585 churches in the state in that year with a total membership of 355,272. The number of churches decreased by 103 organizations or 6.1 per cent compared with 1926, and the membership showed a gain of 2,409 or 0.7 per cent in the ten-year period. The number of church edifices in 1936 was 1,298, which compares with 1,383 in 1926, a decrease of 85. Of that number 1,298 churches reported the value of church edifices at \$21,440,611 in 1936 as against \$22,713,155 reported by 1,383 churches in 1926.

The principal denominations, with

the number of churches and members, in 1936 include the following:

|                                    | No. of Churches | Member-ship |
|------------------------------------|-----------------|-------------|
| Adventists, seventh-day.           | 49              | 2,754       |
| Baptist .....                      | 124             | 24,089      |
| Church of Christ, scientist .....  | 39              | 3,088       |
| Congregational and Christian ..... | 73              | 11,995      |
| Disciples of Christ.....           | 57              | 14,714      |
| Jewish congregations...            | 23              | 20,116      |
| Latter-day Saints.....             | 33              | 8,575       |
| Lutheran .....                     | 126             | 20,521      |
| Methodist .....                    | 188             | 42,443      |
| Presbyterian .....                 | 107             | 23,377      |
| Protestant Episcopal...            | 82              | 14,110      |
| Roman Catholic.....                | 307             | 140,797     |

The number of urban churches was smaller than the number of rural

churches, there being 730 of the former and 855 of the latter. The urban churches had a much larger membership, however, there being 260,837 or an average of 357 members per church, as against 94,435 or an average of 110 for the rural districts. Membership by age was 237,755 who were 13 years old or over and 58,367 or 19.7 per cent under 13 years, not including 59,150 whose ages were not reported.

A table published herewith shows the number of churches, membership, church edifices, expenditures, and other data for the census years of 1936, 1926, 1916 and 1906.

### CHURCH POPULATION OF COLORADO, 1936, 1926, 1916 AND 1906

(Source: Bureau of the Census)

Note—This is a census of religious organizations rather than of individuals classified according to their religious affiliations. Church membership is defined according to each denomination's constitution and practice.

|                                       | 1936         | 1926         | 1916         | 1906         |
|---------------------------------------|--------------|--------------|--------------|--------------|
| Churches (organizations) number ..... | 1,585        | 1,688        | 1,455        | 1,261        |
| Members:                              |              |              |              |              |
| Males .....                           | 132,224      | 140,868      | 97,650       | 87,077       |
| Females .....                         | 172,777      | 179,263      | 126,943      | 105,861      |
| Sex not reported.....                 | 50,271       | 32,732       | 33,384       | 30,343       |
| Total .....                           | 355,272      | 352,863      | 257,977      | 223,281      |
| Church edifices:                      |              |              |              |              |
| Number .....                          | 1,298        | 1,383        | 1,162        | 956          |
| Value:                                |              |              |              |              |
| Churches reporting.....               | 1,263        | 1,326        | 1,144        | 908          |
| Amount reported.....                  | \$21,440,611 | \$22,713,155 | \$10,010,432 | \$ 7,723,200 |
| Debt:                                 |              |              |              |              |
| Churches reporting.....               | 434          | 448          | 386          | 307          |
| Amount reported.....                  | \$ 3,110,741 | \$ 3,248,309 | \$ 1,166,917 | \$ 619,367   |
| Expenditures:                         |              |              |              |              |
| Churches reporting.....               | 1,393        | 1,563        | 1,281        | (1)          |
| Amount .....                          | \$ 3,620,337 | \$ 5,837,497 | \$ 2,427,365 | (1)          |
| Sunday Schools:                       |              |              |              |              |
| Churches reporting.....               | 1,186        | 1,295        | 1,216        | 987          |
| Officers and teachers.....            | 16,448       | 17,325       | 14,181       | 10,046       |
| Scholars .....                        | 129,068      | 163,692      | 139,406      | 96,919       |
| (1) Not reported.                     |              |              |              |              |

### CENTER OF POPULATION

The center of population in Colorado (1940 census) is in southwestern Douglas county, on the intersection of the lines between Twps. 9 and 10 South and Ranges 69 and 70 West.

The 1930 population center was almost exactly six miles due east of the 1940 center, indicating a population shift to the west in the 10-year period but no appreciable change in the north-south location.

The 1910 population center was about five miles due south of the 1940 center, indicating a population trend

northward in the 30-year period, due largely to the growth of Denver and the South Platte valley.

The geographical center of the state lies slightly east of the center as determined by the intersection of diagonal lines drawn across the state, due to the curvature of the earth and the fact that the boundary lines are not exactly straight. This center lies in eastern Park county in the south-center of Twp. 10 South, Range 72 West; 30 miles northeast of Pikes peak and between Tarryall and Lost Park creeks.

## Land and Early History

### Acquisition of Areas, Organization of State and Counties, Land Classification by Counties, Land Percentage Distribution, Capitals of Colorado

THE territory now included in the state of Colorado did not all become the property of the United States at the same time, nor was it all conveyed in the same manner or by the same nation. Parts of it have at times belonged to the territories of Kansas, Nebraska, New Mexico and Utah, and a very considerable section of it was claimed by the Republic of Texas when that enterprising little nation won its freedom from Mexico.

The Louisiana Purchase, a vast tract of land acquired by the United States from France in 1803, extended, in a general way, westward from the Mississippi river to the Rocky mountains. About half of the land now comprising the state of Colorado was included in this purchase, the entire cost of which was about \$27,250,000.

The area south of the Arkansas river and west of the Rocky mountains was first claimed by Spain and later by Mexico. When Texas, after winning its independence from Mexico, was admitted to the Union in 1845, it claimed that part of what is now Colorado lying south of the Arkansas river, and in addition a rectangular strip extending north through the mountains into Wyoming, lying between the 106th and the 108th meridians. By reference to the map it will be seen that a considerable part of this territory claimed by Texas was included in the Louisiana Purchase, but the controversy over the northern boundary of Texas was amicably settled before Colorado territory was organized.

The western part of Colorado and the territory in the south lying west and south of the Rio Grande del Norte was included in the immense tract of land ceded to the United States by Mexico in 1848, following the war with that country. The eastern boundary of this ceded land was at about the 108th meridian, except on the south, where its boundary, as before stated, was the Rio Grande del Norte.

The territory of Utah was organized in 1850. It extended east to the main range of the Rocky mountains, including nearly one-half of what is now Colorado. In 1854 the territories of Kansas and Nebraska were created by the famous Kansas-Nebraska act.

Kansas territory then extended west to the territory of Utah, the southern boundary being the territory of New Mexico, which at that time extended north to the Arkansas river, and the northern boundary being at the 40th parallel, which passes near the present site of the city of Brighton. That part of what is now Colorado, lying north of this parallel and extending west to the boundary of Utah territory, was included in Nebraska territory.

In 1855 that part of Colorado then included in Kansas territory was organized into Arapahoe county, and Allen P. Tibbitts, Levi Mitchell and Jonathan Atwood were named as commissioners to locate the county seat of the new county, which was to be called Mountain City. They were likewise to act as commissioners for the new county, but there is no record available showing that they ever assumed their duties. In 1856 an election was held in Arapahoe county, K. T., and Benjamin F. Simmons was chosen as the first representative from this county in the Kansas territorial legislature.

But the people in the new towns and mining camps, dissatisfied with a government the seat of which was several hundred miles away, and could be reached only after a week's hard travel, soon started a movement for the organization of a new territory, to include that part of Kansas territory known as Arapahoe county. This movement gained strength rapidly, and some of the more ambitious conceived the idea that the creation of a new state was the proper procedure. They spent some months working on the plan and finally agreed that the new state should be called Jefferson and should extend north far into what is now Wyoming. An election held late in 1859 showed that a majority of the voters were in favor of trying a territorial government before attempting statehood, and Robert W. Steele was elected as the first governor of "Jefferson Territory." The following counties were provided for in the organization of the so-called "Jefferson Territory": Arapahoe, Cheyenne, El Paso, Fountain, Jackson, Jefferson, Mountain, North Park, Saratoga, Steele and St. Vrain.

In the meantime, however, steps were being taken at Washington to bring about the organization of a territory through the regularly constituted legislative channels. In February, 1861, Colorado Territory was regularly organized, its boundaries being substantially the same as those of the state today. On June 6, 1861, Mr. Steele formally abdicated as governor of "Jefferson Territory," and that unique political subdivision passed into history.

Within the vast area formerly claimed by the state of Texas, as well as that ceded by Mexico, there were numerous land grants, made by the Spanish and Mexican governments, all of which were confirmed by the United States when this area became a part of the Union. A special land court was created for the examination and adjudication of these titles, and in all cases where the records showed that the grants were properly made they were formally approved by this court. In addition to these old grants there were large tracts of land which had been set apart for Indian tribes who claimed this territory as their own. In 1861 the federal government entered into a treaty with the Cheyenne and Arapahoe Indians, under which the Indians ceded to the government their lands in eastern Colorado. The Indians did not abide by this treaty, however, and they waged vigorous warfare against the white settlers for several years with a view to driving them from the plains of eastern Colorado. On October 28, 1867, they signed another treaty with the United States, ceding all their lands between the Platte and Arkansas rivers, and agreeing to their removal to Indian Territory.

In the western part of the state settlers came in contact with the Ute Indians. In 1868 a treaty had been made between these Indians and the government by which the government confirmed their title to a large tract of land in the southern and western parts of the state. After the discovery of rich mineral deposits in the San Juan district, white settlers began to come in rapidly, and steps were taken to recover the land that had been confirmed by the government as the property of the Utes. The Indians were strongly opposed to giving it up, but in 1873, largely through the influence of Chief Ouray, one of the most illustrious leaders of the red men in Colorado, a treaty was signed by which the Utes ceded to the government the mineral lands in the San Juan district.

They still retained, however, more than 15,500,000 acres of land on the

western slope. Numerous encounters occurred between these Indians and the white men during the early settlement of the agricultural lands in this territory, and it was not until 1881 that the Indians in this region, usually known as the Uncompahgre Utes, were removed to the Uintah reservation, in eastern Utah.

An Indian reservation also was established in southwestern Colorado and northwestern New Mexico, to which most of the Southern Utes were removed. This is the only Indian reservation in Colorado at present, though there is some Indian land in La Plata county belonging to Ute Indians.

Colorado Territory as at first organized contained 17 counties, the list including Arapahoe, Boulder, Clear Creek, Conejos (then known as Guadalupe), Costilla, Douglas, El Paso, Fremont, Gilpin, Huerfano, Jefferson, Lake, Larimer, Park, Pueblo, Summit and Weld. Since that time the number has been increased until there are now 63. New counties were created at various times, but in 1883 a general division of the western slope was made, the counties of Delta, Eagle, Garfield, Mesa, Montrose, Ouray and San Miguel being created from the larger counties of earlier days. The second general division of great areas into smaller counties occurred in 1889, when the gradual settlement of the eastern Colorado plains gave rise to the creation of 11 new subdivisions, the counties then created being Baca, Cheyenne, Kiowa, Kit Carson, Lincoln, Morgan, Otero, Phillips, Prowers, Sedgwick and Yuma. Montezuma and Rio Blanco, western Colorado counties, also were created in that year. Since that time only eight new counties have been created by the legislature, the later list including Mineral, Teller, Jackson, Crowley, Moffat, Denver, Adams and Alamosa. In 1902 Denver and Adams counties were taken out of Arapahoe county and established as separate entities. No new counties have been established since 1913, when Alamosa county was made up from parts of Conejos and Costilla counties.

#### ESTABLISHMENT OF COLORADO COUNTIES

The names and boundaries of Colorado counties have undergone many changes since the state first was organized as an independent commonwealth. There is not sufficient space nor necessity for enumerating them here in detail, but for convenient reference purposes the following summary is submitted. The 17 counties in

existence under territorial law and recognized when statehood was achieved are indicated by a star (\*).

The existing 63 counties of the state and the dates of their organization under their present names are as follows:

|                    |      |                |      |
|--------------------|------|----------------|------|
| Adams .....        | 1902 | Lake* .....    | 1861 |
| Alamosa .....      | 1913 | La Plata.....  | 1874 |
| Arapahoe* .....    | 1861 | Larimer* ..... | 1861 |
| Archuleta .....    | 1885 | Las Animas...  | 1866 |
| Baca .....         | 1889 | Lincoln .....  | 1889 |
| Bent .....         | 1870 | Logan .....    | 1887 |
| Boulder* .....     | 1861 | Mesa .....     | 1883 |
| Chaffee .....      | 1879 | Mineral .....  | 1893 |
| Cheyenne .....     | 1889 | Moffat .....   | 1911 |
| Clear Creek* ..... | 1861 | Montezuma ..   | 1889 |
| Conejos* .....     | 1861 | Montrose ..... | 1883 |
| Costilla* .....    | 1861 | Morgan .....   | 1889 |
| Crowley .....      | 1911 | Otero .....    | 1889 |
| Custer .....       | 1877 | Ouray .....    | 1883 |
| Delta .....        | 1883 | Park* .....    | 1861 |
| Denver .....       | 1902 | Phillips ..... | 1889 |
| Dolores .....      | 1881 | Pitkin .....   | 1881 |
| Douglas* .....     | 1861 | Prowers .....  | 1889 |
| Eagle .....        | 1883 | Pueblo* .....  | 1861 |
| Elbert .....       | 1874 | Río Blanco...  | 1889 |
| El Paso* .....     | 1861 | Río Grande...  | 1874 |
| Fremont* .....     | 1861 | Routt .....    | 1877 |
| Garfield .....     | 1883 | Saguache ..... | 1867 |
| Gilpin* .....      | 1861 | San Juan.....  | 1876 |
| Grand .....        | 1874 | San Miguel...  | 1883 |
| Gunnison .....     | 1877 | Sedgwick ..... | 1889 |
| Hinsdale .....     | 1874 | Summit* .....  | 1861 |
| Huerfano* .....    | 1861 | Teller .....   | 1899 |
| Jackson .....      | 1909 | Washington ..  | 1887 |
| Jefferson* .....   | 1861 | Weld* .....    | 1861 |
| Kiowa .....        | 1889 | Yuma .....     | 1889 |
| Kit Carson...      | 1889 |                |      |

For the purpose of preserving the earlier record the following changes are noted in the statutes creating counties: Greenwood county was established in 1870 and abolished in 1874, its area being allotted to Elbert and Bent counties; Conejos county originally was known as Guadalupe county; Carbonate county was established from a part of Lake county in 1879, but at the same legislative session the name of Lake was changed to Chaffee and Carbonate was changed to Lake; Uncompahgre county was established in 1883, but later in the same year the name was changed to Ouray, and what was then Ouray county was changed to San Miguel county.

Adams and Denver counties were organized from parts of Arapahoe county in 1902. Prior thereto Denver was in Arapahoe county.

Parts of Adams and Arapahoe counties were annexed to Washington and Yuma counties in 1903.

Part of Denver county was annexed to Adams county in 1909.

Alamosa county was organized from parts of Conejos and Costilla counties in 1913.

Crowley county was organized from part of Otero county in 1911.

Jackson county was organized from part of Larimer county in 1909.

Part of Jefferson county was annexed to Park county in 1908.

Moffat county was organized from part of Routt county in 1911.

Part of San Miguel county was annexed to Ouray county in 1917.

**CAPITALS OF COLORADO**

Colorado has had three capitals. The territory of Colorado was created by congress on February 26, 1861. The first legislature made Colorado City the capital of the territory. The second legislature was in session for nine days in the log cabin provided for the purpose at Colorado City, when it adjourned to meet in Denver. This was in 1862. In the same year the legislature changed the capital to Golden. On December 9, 1867, Denver was designated as the permanent capital of the state.

**GEOGRAPHICAL CENTER OF COLORADO**

The geographical center of Colorado, as computed by the United States geological survey, is approximately 30 miles northwest of Pikes peak, in the central eastern park of Park county between Tarryall and Lost Park creeks and to the west of Lake Cheesman. The exact position cannot be determined from the data available, but the approximate position given is sufficiently exact for ordinary purposes. The geographical center of an area may be defined as that point on which the surface of the area would be balanced if it were a plane of uniform thickness, or in other words, the center of gravity of the surface.

**WHERE FOUR STATES MEET**

The only spot in the United States where a boundary post marks the corner of four states is located at the point where Colorado, New Mexico, Arizona and Utah touch at a common center. It is occupied by a concrete block containing a brass plate upon which are inscribed the bench marks of a government survey. It is literally possible for a person standing at the marker to have his feet upon the soil of four states at one time.

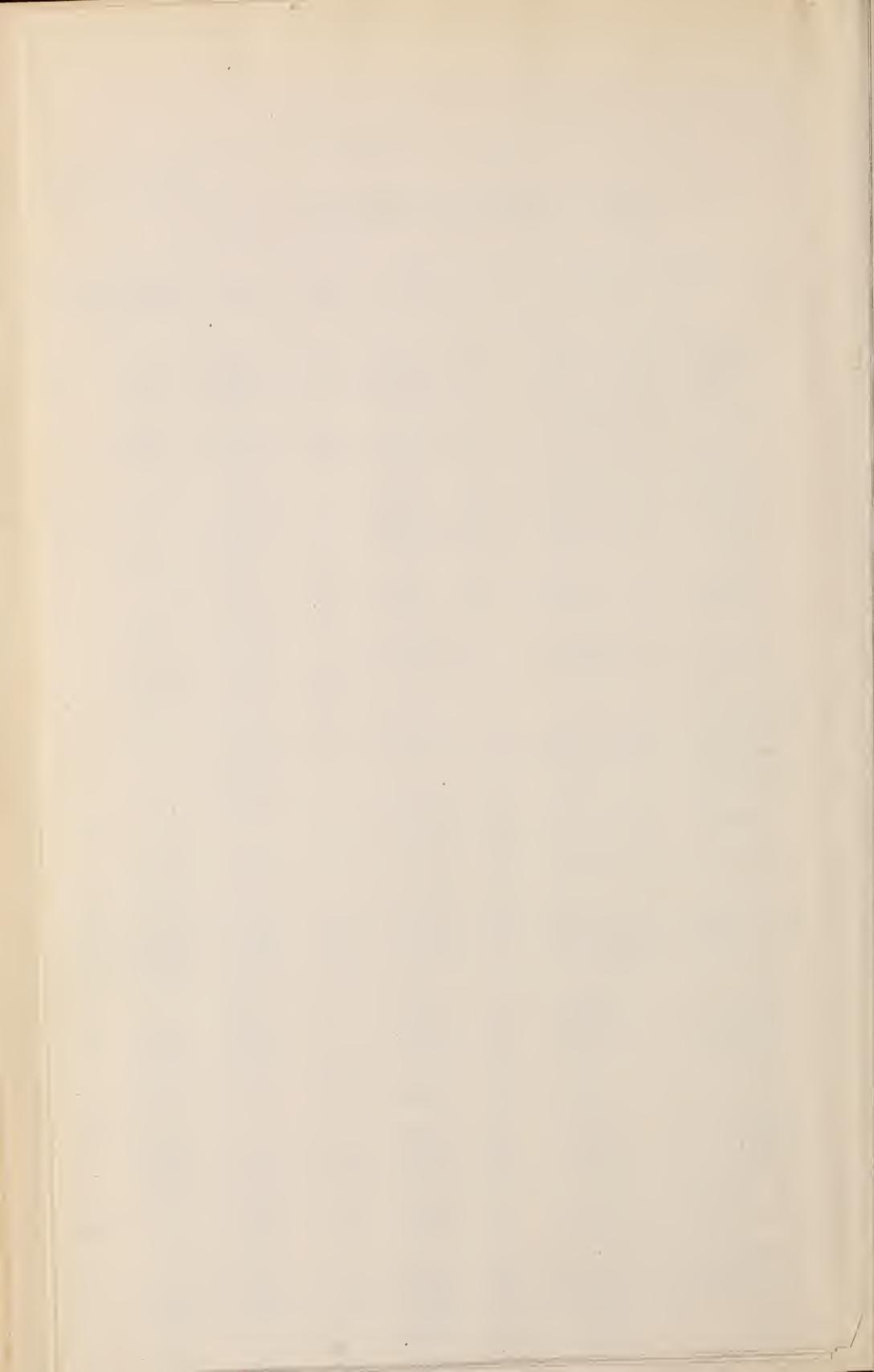
**COLORADO LAND CLASSIFICATION: OWNERSHIP PERCENTAGE  
DISTRIBUTION BY COUNTIES, 1941**

| COUNTY             | Land Area<br>(Acres) | Land in<br>Private<br>Own-<br>ership<br>% | U. S.<br>Govern-<br>ment<br>Land<br>% | State<br>Land<br>% | <sup>2</sup> Un-<br>classi-<br>fied<br>% |
|--------------------|----------------------|---|---------------------------------------|--------------------|--|
| Adams .....        | 798,080              | 93.8                                      | 3.7                                   | 4.2                | +1.7                                     |
| Alamosa .....      | 460,800              | 67.7                                      | 12.5                                  | 12.1               | 7.7                                      |
| Arapahoe .....     | 529,280              | 82.8                                      | 5.2                                   | 2.7                | 9.3                                      |
| Archuleta .....    | 872,960              | 36.0                                      | 47.7                                  | 0.6                | 15.7                                     |
| Baca .....         | 1,641,600            | 84.6                                      | 0.1                                   | 4.8                | 10.5                                     |
| Bent .....         | 981,120              | 82.3                                      | 1.1                                   | 14.2               | 2.4                                      |
| Boulder .....      | 481,920              | 61.5                                      | 32.3                                  | 0.7                | 5.5                                      |
| Chaffee .....      | 664,960              | 19.4                                      | 75.3                                  | 2.7                | 2.6                                      |
| Cheyenne .....     | 1,134,080            | 94.6                                      | (1)                                   | 5.7                | +0.3                                     |
| Clear Creek .....  | 252,160              | 26.6                                      | 78.5                                  | 1.0                | +6.1                                     |
| Conejos .....      | 813,440              | 32.8                                      | 57.0                                  | 7.3                | 2.9                                      |
| Costilla .....     | 777,600              | 101.0                                     | ...                                   | 0.4                | +1.4                                     |
| Crowley .....      | 513,920              | 84.6                                      | 0.8                                   | 12.4               | 2.2                                      |
| Custer .....       | 471,680              | 60.0                                      | 39.1                                  | 2.6                | +1.7                                     |
| Delta .....        | 740,480              | 41.4                                      | 56.3                                  | (1)                | 2.3                                      |
| Denver .....       | 37,120               | 90.6                                      | ...                                   | 1.6                | 7.8                                      |
| Dolores .....      | 657,920              | 34.7                                      | 60.5                                  | 0.8                | 4.0                                      |
| Douglas .....      | 539,520              | 70.2                                      | 25.1                                  | 1.7                | 3.0                                      |
| Eagle .....        | 1,078,400            | 19.7                                      | 79.5                                  | 1.6                | +0.8                                     |
| Elbert .....       | 1,192,960            | 91.7                                      | (1)                                   | 7.2                | 1.1                                      |
| El Paso .....      | 1,381,120            | 74.9                                      | 7.6                                   | 14.0               | 3.5                                      |
| Fremont .....      | 999,680              | 48.9                                      | 45.7                                  | 5.7                | +0.3                                     |
| Garfield .....     | 1,916,160            | 29.4                                      | 72.2                                  | (1)                | +1.6                                     |
| Gilpin .....       | 95,360               | 55.2                                      | 67.0                                  | 1.2                | +23.4                                    |
| Grand .....        | 1,194,880            | 28.1                                      | 63.3                                  | 5.1                | 3.5                                      |
| Gunnison .....     | 2,074,880            | 20.5                                      | 79.6                                  | 0.9                | +1.0                                     |
| Hinsdale .....     | 676,480              | 4.2                                       | 98.5                                  | 1.2                | +3.9                                     |
| Huerfano .....     | 1,009,920            | 72.3                                      | 21.3                                  | 4.7                | 1.7                                      |
| Jackson .....      | 1,038,720            | 34.3                                      | 56.4                                  | 11.7               | +2.4                                     |
| Jefferson .....    | 503,040              | 71.4                                      | 21.2                                  | 1.4                | 6.0                                      |
| Kiowa .....        | 1,146,880            | 91.5                                      | 0.1                                   | 6.9                | 1.5                                      |
| Kit Carson .....   | 1,389,440            | 93.9                                      | (1)                                   | 4.9                | 1.2                                      |
| Lake .....         | 243,200              | 26.5                                      | 72.6                                  | 0.7                | 0.2                                      |
| La Plata .....     | 1,080,960            | 42.6                                      | 38.8                                  | 1.0                | 17.6                                     |
| Larimer .....      | 1,676,160            | 46.9                                      | 47.1                                  | 3.3                | 2.7                                      |
| Las Animas .....   | 3,068,160            | 91.9                                      | 3.7                                   | 5.5                | +1.1                                     |
| Lincoln .....      | 1,659,520            | 90.7                                      | 0.2                                   | 8.5                | 0.6                                      |
| Logan .....        | 1,169,280            | 85.6                                      | 0.3                                   | 12.8               | 1.3                                      |
| Mesa .....         | 2,120,320            | 26.1                                      | 71.6                                  | (1)                | 2.3                                      |
| Mineral .....      | 589,440              | 5.5                                       | 89.5                                  | (1)                | 5.0                                      |
| Moffat .....       | 3,042,560            | 34.3                                      | 53.1                                  | 7.0                | 5.6                                      |
| Montezuma .....    | 1,340,800            | 25.4                                      | 38.8                                  | 1.1                | 34.7                                     |
| Montrose .....     | 1,432,960            | 30.8                                      | 76.7                                  | (1)                | +7.5                                     |
| Morgan .....       | 820,480              | 91.4                                      | 0.3                                   | 8.2                | 0.1                                      |
| Otero .....        | 810,880              | 62.5                                      | 0.8                                   | 14.9               | 21.8                                     |
| Ouray .....        | 345,600              | 50.7                                      | 45.6                                  | 0.9                | 2.8                                      |
| Park .....         | 1,386,240            | 40.5                                      | 53.4                                  | 6.0                | 0.1                                      |
| Phillips .....     | 435,200              | 94.6                                      | 0.1                                   | 4.5                | 0.8                                      |
| Pitkin .....       | 623,360              | 16.9                                      | 81.6                                  | 0.2                | 1.3                                      |
| Prowers .....      | 1,040,640            | 94.7                                      | (1)                                   | 5.1                | 0.2                                      |
| Pueblo .....       | 1,536,640            | 79.8                                      | 3.3                                   | 15.4               | 1.5                                      |
| Rio Blanco .....   | 2,088,320            | 22.7                                      | 76.1                                  | ...                | 1.2                                      |
| Rio Grande .....   | 586,240              | 38.7                                      | 54.9                                  | 2.8                | 3.6                                      |
| Routt .....        | 1,491,200            | 48.5                                      | 43.7                                  | 4.8                | 3.0                                      |
| Saguache .....     | 2,012,160            | 29.3                                      | 64.5                                  | 5.2                | 1.0                                      |
| San Juan .....     | 250,880              | 10.7                                      | 98.5                                  | 2.4                | +11.6                                    |
| San Miguel .....   | 821,120              | 33.0                                      | 62.1                                  | 2.4                | 2.5                                      |
| Sedgwick .....     | 348,160              | 88.8                                      | (1)                                   | 8.0                | 3.2                                      |
| Summit .....       | 393,600              | 19.2                                      | 73.9                                  | 0.2                | 6.7                                      |
| Teller .....       | 354,560              | 49.7                                      | 37.8                                  | 2.5                | 10.0                                     |
| Washington .....   | 1,616,000            | 89.8                                      | 0.1                                   | 6.4                | 3.7                                      |
| Weld .....         | 2,562,560            | 83.6                                      | 0.3                                   | 7.3                | 8.8                                      |
| Yuma .....         | 1,525,120            | 95.1                                      | (1)                                   | 3.8                | 1.1                                      |
| Total, State ..... | 66,538,880           | 57.1                                      | 34.8                                  | 5.0                | 3.1                                      |

(1) Less than 0.05 per cent.

<sup>2</sup>Owing to inaccuracies in surveys, the existence of large areas of unsurveyed land, and other causes, the total of the several classifications in some counties exceed the total area of the county as reported by the bureau of the census. The excess (+) or deficiency are shown under "Unclassified."





## Mountains, Lakes and Mountain Passes

Names, Location, Elevation of Peaks 10,000 Feet or More in Height,  
Principal Lakes and Reservoirs, Description of Passes,  
Outstanding Dams

THE following gives the names, location and elevations of 1,081 mountains and peaks in Colorado which rise to an altitude of 10,000 or more feet above sea level. There are hundreds of peaks of lesser elevation and probably many more of equal or greater altitude which have never been officially named. The list includes 646

peaks which rise to an elevation of 12,000 feet or more and 50 peaks with an altitude of 14,000 feet or more. Elevations used herein include determinations by the U. S. Coast and Geodetic survey, the United States geological survey, from contour maps and other sources. Slight changes in elevations are frequently recorded as new surveys are made.

| Name   | County          | Feet   | Name                                    | County              | Feet   |
|--|-----------------|--------|---|---------------------|--------|
| Abrams Mountain  | Ouray-San Juan  | 12,800 | Bald Mountain                           | Chaffee-Gunnison    | 13,000 |
| Achonee Mountain                                       | Grand           | 12,656 | Bald Mountain                           | Gunnison            | 11,800 |
| Acoma, Mount   | Grand           | 10,500 | Bald Mountain                           | San Miguel          | 11,800 |
| Adams Mountain   | Grand           | 12,115 | Bald Mountain                           | Boulder             | 11,453 |
| Aeolus Mountain (See Mount Eolus)                      |                 |        | Bald Mountain                           | Larimer             | 11,005 |
| Aetna, Mount (See Mount Aetna)                         |                 |        | Bald Mountain                           | Garfield            | 10,200 |
| Afley Peak   | Gunnison        | 12,500 | Baldy, Mount (See Bald Mountain)        |                     |        |
| Agency Knob  | Saguache        | 12,274 | Baldy Mountain (See old Baldy Mountain) |                     |        |
| Agnes Mountain (See Big Agnes Mtn., Little Agnes Mtn.) |                 |        | Baldy, Mount                            | Gunnison            | 11,652 |
| Albion Mountain  | Boulder         | 12,596 | Baldy Mountain                          | Garfield            | 11,400 |
| Alice, Mount   | Boulder-Grand   | 13,310 | Baldy Peak (See Old Baldy Peak)         |                     |        |
| Alpine Peak  | Clear Creek     | 11,524 | Baldy Peak                              | Custer              | 12,600 |
| Alpine Plateau   | Gunnison        | 11,508 | Baldy Peak                              | La Plata            | 10,800 |
| Alps Mountain  | Clear Creek     | 10,507 | Baldy Peak                              | Ouray               | 10,612 |
| Altar Peak   |                 | 13,254 | Baldy Peaks                             | Gunnison            | 12,400 |
| American Flag Mountain                                 | Gunnison        | 12,720 | Ballard Mountain                        | San Miguel          | 12,800 |
| Amherst Mountain                                       | La Plata        | 13,100 | Ball Mountain                           | Lake                | 12,300 |
| Anchor Mountain  | Dolores         | 12,334 | Baltimore Ridge                         | Gilpin              | 10,504 |
| Andrews Peak   | Grand           | 12,564 | Banana Mountain                         | Chaffee             | 12,400 |
| Anita Peak (See Bears Ears)                            |                 |        | Bancroft, Mount                         | Clear Creek-Grand   | 13,100 |
| Antelope Hills   | Fremont         | 11,400 | Banded Mountain                         | Montezuma           | 13,000 |
| Antero, Mount  | Chaffee         | 14,245 | Banded Peak                             | Archuleta           | 12,760 |
| Antero Peak  | Saguache        | 13,245 | Bandit Peak                             | Park                | 12,473 |
| Anthracite Mesa  | Gunnison        | 10,900 | Bartlett Mountain                       | Summit              | 13,500 |
| Anthracite Range                                       | Gunnison        | 12,300 | Basaltic Peak (See Black Mountain)      |                     |        |
| Antora Mountain  | Saguache        | 12,600 | Basalt Mountain                         | Eagle               | 10,800 |
| Anvil Mountain   | San Juan        | 12,500 | Battlement Mesa                         | Garfield            | 10,600 |
| Apache Peak  | Boulder-Grand   | 12,873 | Battle Mountain                         | Larimer             | 11,930 |
| Apiatan Mountain                                       | Grand           | 10,889 | Battle Mountain                         | Teller              | 10,350 |
| Arapahoe Peak  | Boulder-Grand   | 13,506 | Baxter Mountain                         | Costilla            | 10,629 |
| Argentine Peak (See South Argentine Peak)              |                 |        | Bear Mountain                           | San Juan            | 12,935 |
| Arikaree Peak  | Boulder-Grand   | 13,147 | Bear Mountain                           | Summit              | 12,100 |
| Arizona Mountain                                       | Gilpin          | 10,300 | Bear Mountain                           | Jackson             | 11,616 |
| Arkansas, Mount  | Lake            | 13,807 | Bear Peak (See Little Bear Peak)        |                     |        |
| Arkansas Mountain                                      | Gunnison        | 11,600 | Bearpaws Peaks                          | Jackson             | 11,735 |
| Arrowhead Mountain                                     | Park            | 11,199 | Bear Ears                               | Routt               | 10,661 |
| Arrow Peak   | San Juan        | 13,810 | Beattie Peak                            | San Juan-San Miguel | 13,200 |
| Arthur Mountain  | El Paso         | 10,805 | Beautiful Mountain                      | Mineral             | 12,746 |
| Ashcroft   | Pitkin          | 12,300 | Beaver Mountain                         | Rio Grande          | 11,500 |
| Audubon, Mount   | Boulder         | 13,223 | Beaver Ridge                            | Park                | 11,400 |
| Augusta Mountain                                       | Gunnison        | 12,615 | Beckwith, Mount                         | Gunnison            | 12,371 |
| Avalanche Peak   | Eagle           | 12,822 | Belleview Peak (See North Mountain)     |                     |        |
| Avery Peak   | Gunnison        | 12,652 | Bellevue Mountain                       | Gunnison            | 12,350 |
| Axtell, Mount  | Gunnison        | 12,100 | Bennay, Mount                           | Rio Grande          | 11,781 |
| Aztec Mountain   | La Plata        | 13,200 | Bent Peak                               | Hinsdale            | 13,400 |
| Babcock Peak   | La Plata        | 13,100 | Bierstadt, Mount                        | Clear Creek         | 14,045 |
| Badger Mountain (See Pass Mountain)                    |                 |        | Big Agnes Mountain                      | Routt               | 12,065 |
| Baker Mountain   | Grand           | 12,406 | Big Bull Mountain                       | Teller              | 10,826 |
| Baker Peak   | La Plata        | 11,900 | Big Chief, Mount                        | Teller              | 11,220 |
| Bald Hill  | Park            | 11,374 | Bighorn Mountain                        | Larimer             | 11,473 |
| Bald Knob  | La Plata        | 11,600 | Big Marvine (See Mount Marvine)         |                     |        |
| Bald Mountain (See Little Bald Mtn., North Bald Mtn.)  |                 |        | Big Red Hill                            | Eagle               | 10,400 |
| Bald Mountain  | Boulder         | 11,469 | Big Red Mountain                        | Conejos-Rio Grande  | 11,612 |
| Bald Mountain  | Summit          | 13,974 | Bison Peak                              | Park                | 12,427 |
| Bald Mountain  | Teller          | 12,365 | Black Face                              | San Miguel          | 12,100 |
| Bald Mountain  | Summit-Park     | 13,694 | Blackhawk Peak                          | Gilpin              | 10,322 |
| Bald Mountain  | Custer-Saguache | 13,400 | Blackhawk Peak                          | Dolores             | 12,685 |
|  |                 |        | Blackhead Peak                          | Archuleta           | 12,500 |

| Name                                  | County                    | Feet   | Name                                   | County                 | Feet   |
|---------------------------------------|---------------------------|--------|--|------------------------|--------|
| Black Mountain                        | Park                      | 11,656 | Cathedral Peak                         | Pitkin                 | 14,100 |
| Black Mountain                        | Jackson                   | 10,760 | Cattle Mountains                       | Mineral-<br>Rio Grande | 10,837 |
| Black Mountain                        | Park                      | 10,600 | Cedar Mountain (See Colorado Mountain) |                        |        |
| Blaines Peak (See Mount Sneffels)     |                           |        | Cement Mountain (See East Cement Mtn.) |                        |        |
| Blanca Peak                           | Costilla-Huerfano-Alamosa | 14,363 | Cerro Blanco (See Blanca Peak)         | Gunnison               | 12,212 |
| Blue Ridge                            | Grand                     | 11,688 | Central Mountain                       | Gunnison               | 12,400 |
| Blue River Peak                       | Summit                    | 13,000 | Chair Mountain                         | Gunnison               | 12,800 |
| Bonita Peak                           | San Juan                  | 13,200 | Chalcedony Buttes                      | Park                   | 10,400 |
| Boot Mountain                         | Saguache                  | 12,412 | Chalk Mountain                         | Summit                 | 12,000 |
| Boreas Mountain                       | Park                      | 13,058 | Chama Peak                             | Archuleta              | 12,027 |
| Boston Peak                           | Gunnison                  | 11,703 | Chapin, Mount                          | Larimer                | 12,458 |
| Boulder County Hill                   | Boulder                   | 10,200 | Chapita Mountain (See Sabeta Peak)     |                        |        |
| Boulder Peak                          | Boulder                   | 12,417 | Chapman, Mount                         | Chaffee-<br>Gunnison   | 12,200 |
| Boundary Peak                         | Costilla                  | 12,800 | Cheops Pyramid (See Signal Butte)      |                        |        |
| Bowen Mountain                        | Grand                     | 12,541 | Chicago Mountain                       | Eagle                  | 12,100 |
| Bowen Peak                            | Saguache                  | 12,300 | Chicago Peak                           | Huerfano-<br>Costilla  | 10,960 |
| Bragdon Ridge                         | La Plata                  | 11,600 | Chicago Ridge                          | Eagle-Lake             | 12,700 |
| Breece Hill                           | Lake                      | 10,600 | Chief (See Big Chief Mountain)         |                        |        |
| Brewery Hill                          | Summit                    | 11,370 | Chief Mountain                         | Clear Creek            | 11,709 |
| Brind Mountain                        | Teller                    | 10,500 | Chief's Head                           | Boulder                | 13,579 |
| Bristol Head                          | Mineral                   | 12,700 | Chimney Peak                           | Hinsdale               | 14,170 |
| Brittle Silver Mountain               | Gunnison                  | 12,400 | Brown Mountain                         | Ouray                  | 11,782 |
| Brittle Silver Peak                   | Summit                    | 12,200 | Bryan Mountain                         | Larimer                | 13,052 |
| Broncho Mountain                      | Gunnison                  | 12,500 | Bryant, Mount                          | Boulder                | 11,900 |
| Bross, Mount                          | Park                      | 14,170 | Buckeye Mountain                       | Grand                  | 11,000 |
| Brown Mountain                        | Clear Creek               | 11,700 | Buckeye Peak                           | Gilpin                 | 10,200 |
| Bryan Mountain                        | Boulder                   | 11,900 | Buck Mountain                          | Lake                   | 12,863 |
| Bryant, Mount                         | Grand                     | 11,000 | Buckskin, Mount                        | Routt                  | 11,400 |
| Buckeye Mountain                      | Gilpin                    | 10,200 | Buckskin, Mount                        | Lake-Park              | 13,800 |
| Buckeye Peak                          | Lake                      | 12,863 | Buckskin Mountain                      | Costilla               | 10,512 |
| Buck Mountain                         | Routt                     | 11,400 | Buffalo                                | Grand-Jackson          | 11,800 |
| Buckskin, Mount                       | Lake-Park                 | 13,800 | Buffalo Mountain                       | Summit                 | 13,200 |
| Buckskin Mountain                     | Costilla                  | 10,512 | Buffalo Peak                           | Jefferson              | 11,627 |
| Buffalo                               | Grand-Jackson             | 11,800 | Buffalo Peak (See Mount Oso)           |                        |        |
| Buffalo Mountain                      | Summit                    | 13,200 | Buffalo Peaks                          | Chaffee-Park           | 13,541 |
| Buffalo Peak                          | Jefferson                 | 11,627 | Bull Cliff                             | Teller                 | 10,786 |
| Buffalo Peak (See Mount Oso)          |                           |        | Bulldog Mountain                       | Mineral                | 10,962 |
| Bull Peaks                            | Chaffee-Park              | 13,541 | Bull Hill                              | Lake                   | 13,773 |
| Bull Cliff                            | Teller                    | 10,786 | Bull Hill                              | Teller                 | 10,800 |
| Bulldog Mountain                      | Mineral                   | 10,962 | Bull Mountain (See Big Bull Mountain)  |                        |        |
| Bull Hill                             | Lake                      | 13,773 | Bullion Mountain                       | La Plata               | 13,100 |
| Bull Hill                             | Teller                    | 10,800 | Bull Mountain                          | Larimer                | 10,087 |
| Bull Mountain (See Big Bull Mountain) |                           |        | Burro Mountain                         | Rio Blanco             | 10,200 |
| Bullion Mountain                      | La Plata                  | 13,100 | Burro Peak                             | Montezuma              | 11,500 |
| Bull Mountain                         | Larimer                   | 10,087 | Burwell Peak                           | La Plata-<br>Montezuma | 12,700 |
| Burro Mountain                        | Rio Blanco                | 10,200 | Byers Peak                             | Grand                  | 12,778 |
| Burro Peak                            | Montezuma                 | 11,500 | Cairns, Mount                          | Grand                  | 10,800 |
| Burwell Peak                          | La Plata-<br>Montezuma    | 12,700 | Calf Mountain                          | Teller                 | 10,350 |
| Byers Peak                            | Grand                     | 12,778 | Calico Mountain                        | Chaffee                | 13,100 |
| Cairns, Mount                         | Grand                     | 10,800 | Calico Peak                            | Dolores                | 12,043 |
| Calf Mountain                         | Teller                    | 10,350 | California Mountain                    | San Juan               | 13,200 |
| Calico Mountain                       | Chaffee                   | 13,100 | California Mountain                    | Gilpin                 | 10,600 |
| Calico Peak                           | Dolores                   | 12,043 | Cameron Cone                           | El Paso                | 10,705 |
| California Mountain                   | San Juan                  | 13,200 | Cameron, Mount                         | Park                   | 14,233 |
| California Mountain                   | Gilpin                    | 10,600 | Cameron Peak                           | Larimer                | 12,124 |
| Cameron Cone                          | El Paso                   | 10,705 | Campbell Mountain                      | Mineral                | 10,850 |
| Cameron, Mount                        | Park                      | 14,233 | Campbell Peak                          | San Miguel             | 13,200 |
| Cameron Peak                          | Larimer                   | 12,124 | Canby Mountain (See Sheep Mountain)    |                        |        |
| Campbell Mountain                     | Mineral                   | 10,850 | Canby Mountain                         | San Juan               | 13,466 |
| Campbell Peak                         | San Miguel                | 13,200 | Cannibal Plateau                       | Hinsdale               | 12,621 |
| Canby Mountain (See Sheep Mountain)   |                           |        | Cape Horn                              | La Plata               | 10,359 |
| Canby Mountain                        | San Juan                  | 13,466 | Capitol Peak                           | Pitkin                 | 14,100 |
| Cannibal Plateau                      | Hinsdale                  | 12,621 | Carbonate Hill                         | Gunnison               | 12,700 |
| Cape Horn                             | La Plata                  | 10,359 | Carbonate Hill                         | Summit                 | 11,500 |
| Capitol Peak                          | Pitkin                    | 14,100 | Carbonate Hill                         | Lake                   | 10,625 |
| Carbonate Hill                        | Gunnison                  | 12,700 | Carbonate Hill                         | Teller                 | 10,300 |
| Carbonate Hill                        | Summit                    | 11,500 | Carbonate Mountain                     | Chaffee                | 13,900 |
| Carbonate Hill                        | Lake                      | 10,625 | Carbon Peak                            | Gunnison               | 12,000 |
| Carbonate Hill                        | Teller                    | 10,300 | Caribou Hill                           | Boulder                | 10,504 |
| Carbonate Mountain                    | Chaffee                   | 13,900 | Carson Peak                            | Hinsdale               | 13,600 |
| Carbon Peak                           | Gunnison                  | 12,000 | Cascade Mountain                       | Ouray                  | 12,100 |
| Caribou Hill                          | Boulder                   | 10,504 | Cascade Mountain                       | Gunnison               | 11,707 |
| Carson Peak                           | Hinsdale                  | 13,600 | Cascade Mountain                       | Grand                  | 12,320 |
| Cascade Mountain                      | Ouray                     | 12,100 | Casco Peak                             | Lake                   | 13,884 |
| Cascade Mountain                      | Gunnison                  | 11,707 | Castle, The                            | Park                   | 10,100 |
| Cascade Mountain                      | Grand                     | 12,320 | Castle Peak (See Cathedral Peaks)      |                        |        |
| Casco Peak                            | Lake                      | 13,884 | Castle Peak                            | Eagle                  | 11,336 |
| Castle, The                           | Park                      | 10,100 | Castle Peak                            | Gunnison-<br>Pitkin    | 14,259 |
| Castle Peak (See Cathedral Peaks)     |                           |        | Castle Rock                            | Montrose-<br>Ouray     | 11,400 |
| Castle Peak                           | Eagle                     | 11,336 | Castle Rock                            | La Plata               | 10,400 |
| Castle Peak                           | Gunnison-<br>Pitkin       | 14,259 | Catamount Hills (See Raspberry Mtn.)   |                        |        |
| Castle Rock                           | Montrose-<br>Ouray        | 11,400 | Cathedral Peaks                        | Gunnison               | 11,169 |
| Castle Rock                           | La Plata                  | 10,400 |  |                        |        |
| Catamount Hills (See Raspberry Mtn.)  |                           |        |  |                        |        |
| Cathedral Peaks                       | Gunnison                  | 11,169 |  |                        |        |

| Name                                  | County              | Feet   | Name                                       | County                    | Feet   |
|---------------------------------------|---------------------|--------|--|---------------------------|--------|
| Crown Mountain                        | Hinsdale-San Juan   | 13,600 | Emma Burr Mountain                         | Chaffee-Gunnison          | 13,400 |
| Crystal Peak                          | Hinsdale            | 12,923 | Emmons, Mount.                             | Gunnison                  | 12,414 |
| Crystal Peak                          | Gunnison            | 12,700 | Empire Hill                                | Lake                      | 12,700 |
| Cub Mountain                          | Jefferson           | 10,623 | Endlich Mesa                               | La Plata                  | 12,400 |
| Cuerno Herde (See Greenhorn Mountain) |                     |        | Enentah, Mount.                            | Grand                     | 10,737 |
| Culebra Peak                          | Costilla-Las Animas | 14,069 | Engelmann Peak                             | Clear Creek               | 13,500 |
| Cumulus, Mount.                       | Grand-Jackson       | 12,724 | Engineer Mountain                          | Hinsdale-Ouray-San Juan   | 13,195 |
| Cyclone Mountain                      | Chaffee             | 13,800 | Engineer Mountain                          | San Juan                  | 12,970 |
| Dakota Hill                           | Gilpin              | 10,929 | Eolus, Mount.                              | La Plata                  | 14,079 |
| Dallas Peak                           | Ouray-San Miguel    | 13,800 | Epaulat Mountain                           | Clear Creek               | 13,500 |
| Daly, Mount.                          | Pitkin              | 13,193 | Epworth, Mount.                            | Grand                     | 11,841 |
| Darling Ridge                         | Dolores             | 11,400 | Estes Cone                                 | Larimer                   | 11,017 |
| Davis Peak                            | Jackson             | 10,932 | Ethel, Mount.                              | Routt-Jackson             | 11,940 |
| Deadwood Mountain                     | La Plata            | 12,300 | Etna, Mount.                               | Chaffee                   | 13,800 |
| Deer Mountain                         | Lake-Pitkin         | 12,800 | Eureka Mountain                            | San Juan                  | 12,800 |
| Deer Mountain                         | Larimer             | 10,023 | Eva, Mount.                                | Clear Creek-Grand         | 13,114 |
| Deer Peak                             | Custer-Huerfano     | 11,300 | Evans, Mount.                              | Park-Lake                 | 13,590 |
| Deer Peak                             | Jefferson           | 10,400 | Evans, Mount.                              | Clear Creek               | 14,259 |
| Del Norte Peak (See Pintada Peak)     |                     |        | Eve, Mount.                                | Eagle                     | 11,200 |
| Del Norte Peak                        | Rio Grande          | 12,375 | Expectation Mountain                       | Dolores                   | 12,079 |
| Demijohn Mountain                     | Rio Grande          | 10,670 | Fairchild, Mount.                          | Larimer                   | 13,502 |
| Democrat Mountain                     | Clear Creek         | 11,300 | Fairview Hill                              | Lake                      | 10,425 |
| Democrat, Mount.                      | Park-Lake           | 14,142 | Fairview Mountain                          | Gunnison                  | 12,900 |
| Dennis Hump                           | Jackson             | 10,800 | Farncomb Hill                              | Summit                    | 11,386 |
| Derby, Mount.                         | Garfield            | 12,253 | Farnum Peak (See Bison Peak)               |                           |        |
| Derry Hill (See Long and Derry Hill)  |                     |        | Farnum Peak                                | Park                      | 11,400 |
| Devil Mountain                        | Archuleta           | 10,000 | Farwell Mountain                           | Routt                     | 10,850 |
| Devils Nose                           | Clear Creek         | 11,000 | Fehel Peak                                 | Jackson-Routt             | 10,800 |
| Devils Point                          | La Plata-Montezuma  | 11,600 | Finger Mesa                                | Hinsdale                  | 12,300 |
| Diamond Hill                          | San Miguel          | 10,100 | Fisher Mountain (See Snowdrift Peak)       |                           |        |
| Dickinson, Mount.                     | Larimer             | 11,874 | Fisher Mountain                            | Mineral                   | 12,852 |
| Dicks Peak (See Chaledony Buttes)     |                     |        | Fisher's Peak                              | Las Animas                | 10,300 |
| Dike Mountain                         | Huerfano            | 10,500 | Flag Mountain                              | Hinsdale                  | 12,367 |
| Diorite Peak                          | La Plata-Montezuma  | 12,600 | Flattop (See Dome Peak)                    |                           |        |
| Divide Mountain                       | Mesa                | 10,642 | Flattop                                    | Dolores                   | 12,104 |
| Dolly Varden Mountain                 | Hinsdale            | 12,900 | Flattop Mountain                           | Grand-Larimer             | 12,300 |
| Dolores Mountain                      | Dolores             | 12,100 | Flattop Mountain                           | Jackson-Routt             | 12,101 |
| Dolores Peak                          | Dolores-San Miguel  | 13,502 | Flattop Mountain                           | Archuleta                 | 11,460 |
| Dome, The                             | Routt               | 11,600 | Fletcher Mountain                          | Summit                    | 13,917 |
| Dome Mountain                         | San Juan            | 13,200 | Flora, Mount.                              | Clear Creek-Grand         | 13,121 |
| Dome Peak                             | Garfield            | 12,498 | Florida Mountain                           | La Plata                  | 13,083 |
| Dome Peak                             | Routt               | 10,500 | Fools Peak                                 | Eagle                     | 12,958 |
| Dome Peak                             | Routt               | 10,000 | Ford Mountain                              | Pitkin                    | 10,446 |
| Dora Mountain                         | Summit              | 12,119 | Forest Hill                                | Gunnison                  | 12,432 |
| Double Top Mountain                   | Gunnison            | 12,192 | Forest King Mountain                       | Conejos                   | 11,000 |
|                                       |                     | 12,178 | Fossil Mountain (See Broncho Mountain)     |                           |        |
| Dump Mountain                         | Costilla            | 10,310 | Fossil Ridge                               | Gunnison                  | 12,500 |
| Dunckley Flat Mountain                | Moffat              | 10,200 | Fowler Peak                                | Rio Blanco                | 10,400 |
| Dunraven, Mount.                      | Larimer             | 12,548 | Fox Mountain                               | Clear Creek               | 10,946 |
| Dunn Peak (See Dolores Peak)          |                     |        | Fox Mountain                               | Mineral                   | 11,517 |
| Dyer Mountain                         | Lake-Park           | 13,800 | Franklin Roosevelt Mt. (See Wilson, Mount) |                           |        |
| Eagle Mountain                        | Mineral             | 12,200 | Freeman, Mount.                            | Dolores-San Juan          | 12,300 |
| Eagle Peak                            | Dolores             | 12,113 | Freeman Peak (See Buffalo Peak)            |                           |        |
| Eagles Nest                           | Summit              | 13,091 | Freemans Peak (See Buffalo Peak)           |                           |        |
| Eagle River Peak (See Jacque Peak)    |                     |        | French Peak                                | Lake                      | 13,922 |
| East Cement Mountain                  | Gunnison            | 12,047 | Front Range                                | Routt                     | 12,013 |
| East Mountain                         | La Plata            | 10,700 | Frustum (See Potosi Peak)                  |                           |        |
| East Porphyry                         | Saguache            | 11,418 | Frustum Mountain                           | Saguache                  | 13,893 |
| East Sheer Mountain                   | Summit              | 11,900 | Fryer Hill                                 | Lake                      | 10,500 |
| East Silver Mesa                      | La Plata            | 12,800 | Fuller Peak                                | San Juan-San Miguel       | 13,700 |
| East Spanish Peak                     | Huerfano-Las Animas | 12,683 | Galena Hill                                | Teller                    | 10,400 |
| Echo Mountain                         | La Plata            | 13,312 | Galena Mountain                            | San Juan                  | 13,300 |
| Eidith Mountain                       | Hinsdale            | 12,500 | Galena Peak                                | San Juan-Fremont-Saguache | 12,200 |
| Eighteenmile Mountain                 |                     | 12,978 | Garfield, Mount.                           | El Paso                   | 10,925 |
| Elbert, Mount.                        | Lake                | 14,431 | Garfield, Mount.                           | San Juan                  | 13,072 |
| Electric Mountain                     | Delta               | 10,000 | Garfield Mountain                          | Chaffee-Pitkin            | 13,800 |
| Electric Peak (See Thunderbolt Peak)  |                     |        | Garfield Peak                              | Gunnison                  | 12,136 |
| Electric Peak                         | Custer-Saguache     | 13,400 | Geneva Peak                                | Lake-Park                 | 13,900 |
|                                       |                     | 13,200 | Geneva Mountain                            | Park                      | 12,324 |
| Elephant Head Rock                    | Archuleta           | 10,400 | Geneva Peak                                | Park-Summit               | 13,090 |
| Elephant Mountain                     | Rio Grande          | 11,790 | Gibbs Peak                                 | La Plata-Montezuma        | 12,200 |
| Elk Mountain                          | Mineral             | 11,027 | Gibson Hill                                | Summit                    | 10,472 |
| Elk Mountain                          | Eagle-Summit        | 12,718 | Gibson Peak                                | Custer                    |        |
| Elk Mountain                          | Gunnison            | 11,600 | Gibson Ridge                               | Saguache                  | 13,729 |
| Elk Mountain (See Whiteface Peak)     |                     |        | Gilpin Peak                                | Gunnison                  | 10,900 |
| Elk Ridge                             | Eagle-Summit        | 12,600 |  | Ouray-San Miguel          | 13,682 |
| Elliott Mountain                      | Dolores             | 12,345 | Glacier Peak                               | Park-Summit               | 12,863 |
| Emerson Mountain                      | La Plata            | 13,154 | Gladstone Peak                             | Dolores-San Miguel        | 13,900 |
| Emery Peak                            | San Juan            | 13,200 |  |                           |        |

| Name                                    | County          | Feet   | Name  | County            | Feet   |
|---|-----------------|--------|---|-------------------|--------|
| Globe Hill                              | Teller          | 10,450 | Hermosa Mountain                              | Dolores           |        |
| Goats Peak (See Gemini Peaks)           |                 |        |   | San Juan          | 12,572 |
| Gold Dust Peak                          | Eagle           | 13,500 | Hesperus Peak                                 | Montezuma         | 13,225 |
| Golden Horn                             | San Juan        |        | Hiamovi Mountain                              | Grand             | 12,388 |
|   | San Miguel      | 13,600 | Highland                                      | Pitkin            | 12,300 |
| Gold Hill                               | San Miguel      | 12,700 | High Mesa (See Trident Mesa)                  |                   |        |
| Gold Hill                               | Pitkin-Gunnison | 12,400 | Himes Peak                                    | Garfield          | 11,200 |
| Gold Hill                               | Summit          | 12,000 | Hogback (See Del Norte Peak)                  |                   |        |
| Gold Hill                               | Teller          | 10,300 | Hogback, The                                  | Montezuma         | 11,200 |
| Goliath Peak                            | Clear Creek     | 12,200 | Hogback Mesa                                  | Rio Grande        | 12,203 |
| Gore Mountain                           | Routt           | 10,600 | Holy Cross, Mount of the                      | Eagle             | 13,996 |
| Gothic Mountain                         | Gunnison        | 12,646 | Homestake Peak                                | Eagle             | 13,227 |
| Graham Peak                             | Hinsdale        | 12,536 | Hoosier Ridge                                 | Summit            | 13,300 |
| Grand Hogback (See Monument Peak)       |                 |        | Hop, Mount                                    | Chaffee           | 13,943 |
| Grand Mesa                              | Delta-Mesa      | 10,000 | Hope Mountain                                 | La Plata-Custer   | 13,000 |
| Grand Turk                              | San Juan        | 13,100 | Hope, Mount                                   | Mineral           | 12,838 |
| Granite Butte (See Raspberry Mountain)  |                 |        | Horn Peak                                     | Custer            |        |
| Granite Mountain (See Pomeroy Mountain) |                 |        |   | Saguache          | 13,400 |
| Granite Mountain                        | Gunnison        | 12,600 | Horsefly Peak                                 | Montrose          |        |
| Grant Peak (See U. S. Grant Peak)       |                 |        |   | Ourray            | 10,338 |
| Grassy Mountain                         | Hinsdale        | 12,800 | Horseshoe Mountain                            | Rio Grande        | 10,880 |
| Grassy Mountain                         | La Plata        | 10,000 | Horseshoe Mountain                            | Park-Lake         | 13,912 |
| Gravel Mountain                         | Hinsdale        | 13,600 | Horsethief Peak                               | Jackson-Routt     | 10,900 |
| Grayback Mountain                       | Costilla        | 10,575 | Horsetooth Peak                               | Boulder           | 10,400 |
| Grayback Mountain                       | Costilla        |        | Houghton Mountain                             | San Juan          | 13,000 |
|   | Huerfano        | 12,300 | Howard Mountain                               | Grand-Jackson     | 12,814 |
| Gray Head                               | San Miguel      | 10,994 | Humboldt Peak                                 | Custer            | 14,044 |
| Grayrock Peak                           | San Juan        | 12,486 | Humbog Hill                                   | Summit            | 11,121 |
| Graysill Mountain                       | San Juan        | 12,300 | Hunchback Mountain                            | San Juan          | 13,140 |
| Grays Peak                              | Clear Creek     |        | Hunter Peak                                   | Pitkin            | 13,400 |
|   | Summit          | 14,274 | Hunters Hill                                  | Gunnison          | 12,600 |
| Graystone Peak                          | San Juan        | 13,496 | Huntsman Mesa                                 | Gunnison          | 10,100 |
| Green Mountain (See Virginia Peak)      |                 |        | Huntsman Hills                                | Mesa-Pitkin       | 11,000 |
| Green Mountain                          | San Juan        | 13,000 | Hunts Peak (See Mount Ourray)                 |                   |        |
| Green Mountain                          | Pitkin          | 12,747 |   | Fremont           |        |
| Green Mountain                          | Lake            | 11,800 |   | Saguache          | 12,446 |
| Green Mountain                          | Delta           | 10,632 | Hurricane Peak                                | San Juan          | 13,400 |
| Green Mountain                          | Fremont         | 10,000 | Hyannis Peak                                  | Jackson           | 11,600 |
| Green Ridge                             | Larimer         | 10,172 |   |                   |        |
| Greenback Mountain                      | San Miguel      | 13,000 | Ida, Mount                                    | Grand-Larimer     | 12,700 |
| Greenhalm Mountain                      | San Juan        | 13,200 | Idaho Hill                                    | Gilpin            | 10,500 |
| Greenhorn Mountain                      | Conejos         | 10,800 | Independence Mountain                         | Pitkin            | 12,775 |
| Greenhorn Mountain                      | Huerfano        |        | Independence Mountain                         | Summit            | 12,600 |
|   | Pueblo          | 12,334 | Indian Mountain                               | La Plata          | 10,400 |
| Greylock Mountain                       | La Plata        | 13,578 | Indian Trail Ridge                            | La Plata          |        |
| Griffith Mountain                       | Clear Creek     | 11,500 |   | Montezuma         | 12,300 |
| Grizzly Mountain                        | Chaffee         | 13,800 | Iron Beds                                     | Hinsdale          | 13,236 |
| Grizzly Mountain                        | Pitkin          |        | Ironclad Hill                                 | Teller            | 10,600 |
|   | Chaffee         | 14,020 | Ironclad Mountain                             | Jackson           | 10,000 |
| Grizzly Peak                            | La Plata        | 13,702 | Iron Hill                                     | Lake              | 11,027 |
| Grizzly Peak                            | Gunnison        | 11,760 | Iron Knoll (See The Castle)                   |                   |        |
| Grizzly Peak                            | Dolores         |        | Iron Mountain                                 | San Miguel        | 12,700 |
|   | San Juan        | 13,738 | Iron Mountain                                 | Costilla          |        |
| Ground Hog Mountain                     | Dolores         |        |   | Huerfano          | 11,400 |
|   | San Miguel      | 12,462 | Irving Hale, Mount                            | Grand             | 11,747 |
| Grouse Mountain                         | Mineral         | 10,119 | Irving Peak                                   | La Plata          | 13,217 |
| Guardian, The                           | San Juan        | 13,624 | Irwin, Mount (See Mount Emmons)               |                   |        |
| Guero, Mount                            | Gunnison        | 11,740 | Islet Mountain                                | Gunnison          | 10,900 |
| Guinn Mountain                          | Boulder         | 11,200 | Italian Mountain                              | Gunnison          | 13,350 |
| Gunnison, Mount                         | Gunnison        | 12,714 | Italian Mountain (See North Italian Mountain) |                   |        |
| Guyot, Mount                            | Park-Summit     | 13,370 |   |                   |        |
| Guyots (See Mount Guyot)                |                 |        | Jackson, Mount                                | Eagle             | 13,687 |
|   |                 |        | Jackson Ridge                                 | Montezuma         | 12,100 |
| Hagerman Peak                           | Gunnison        |        | Jacque Mountain                               | Summit            | 13,215 |
|   | Pitkin          | 12,600 | Jacque Peak                                   | Summit            | 13,205 |
| Hague Peak                              | Larimer         | 13,562 | Jacque Ridge                                  | Summit            | 12,600 |
| Hahns Peak                              | Routt           | 10,824 | Jagged Mountain                               | San Juan          | 13,836 |
| Hale (See Mount Irving Hale)            |                 |        | James Peak                                    | Clear Creek-Grand |        |
| Hallet Peak                             | Grand-Larimer   | 12,725 |   | Gilpin            | 13,259 |
| Hamilton, Mount (See Bald Mountain)     |                 |        | Jenkins Mountain                              | Gunnison          | 13,428 |
| Hancock Peak                            | Gunnison        | 12,300 | Johnnv Bull Mountain                          | Dolores           | 12,026 |
| Handies Peak                            | Hinsdale        | 14,008 | Jones Mountain                                | Hinsdale          |        |
| Hanson Peak                             | San Juan        | 13,300 |   | San Juan          | 13,851 |
| Hantz Peak (See Hahns Peak)             |                 |        | Julian, Mount                                 | Larimer           | 12,928 |
| Hardscrabble Mountain                   | Eagle           | 10,600 | Jupiter Peak                                  | La Plata          | 13,837 |
| Harvard, Mount                          | Chaffee         | 14,399 | Jura Knob                                     | San Juan          | 12,615 |
| Hawn Mountain                           | San Miguel      | 10,900 |   |                   |        |
| Hayden Mountain                         | Ourray          | 13,100 | Kakata Mountain                               | Park              | 12,429 |
| Hayden Peak                             | Pitkin          | 13,500 | Keefe Peak                                    | Pitkin            | 13,300 |
| Hayden Peak                             | San Miguel      | 12,990 | Kelso, Mount                                  | Clear Creek       | 13,200 |
| Haydens Peak                            | Saguache        | 11,979 | Kendall Mountain                              | San Juan          | 13,000 |
| Haydens Peak (See North Haydens Peak)   |                 |        | Kendall Peak                                  | San Juan          | 13,400 |
| Haystack Mountain                       | Grand-Jackson   | 11,600 | Kenosha Cones                                 | Park              | 12,350 |
| Haystack Mountain                       | Jackson         | 10,585 | Keyes (See Mount Etna)                        |                   |        |
| Hazelton Mountain                       | San Juan        | 12,300 | King Solomon Mountain                         | San Juan          | 13,200 |
| Heart Mountain                          | Mineral         | 10,797 | Kingston Peak                                 | Clear Creek       |        |
| Helmet Peak                             | Montezuma       | 11,976 |   | Gilpin            | 12,136 |
| Hendricks, Mount (See Green Mountain)   |                 |        | Kiowa Peak                                    | Boulder           | 13,101 |
| Henry Mountain                          | Gunnison        | 13,000 | Kit Carson Peak                               | Saguache          | 14,100 |
| Hermit Peak                             | Hinsdale        | 10,900 |   |                   |        |

| Name   | County        | Feet   |
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| Klines Peak (See Fossil Ridge)                         |               |        |
| Klondike Mountain                                      | Boulder       | 10,801 |
| Klondike Mountain                                      | Conejos       | 11,400 |
| Lady Washington, Mount                                 | Larimer       | 13,269 |
| La Garita (See Vulcan Crest; Boot Mountain)            |               |        |
| La Junta Peak  | San Miguel    | 13,400 |
| Lake Hill  | Gunnison      | 11,800 |
| Lake Mountain  | Saguache      | 11,000 |
| Lamb Mountain  | Park          | 12,400 |
| Lamborn, Mount   | Delta         | 11,337 |
| Lands End  | Delta         | 10,634 |
| Landslide Peak   | Park-Summit   | 13,433 |
| Landslip Mountain                                      | Dolores       | 11,650 |
| La Plata Peak  | Chaffee       | 14,340 |
| Larson Peak  | Pitkin        | 12,900 |
| Last Dollar Mountain                                   | San Miguel    | 11,240 |
| La Veta Peak   | Huerfano      | 11,654 |
| Lead Mountain  | Grand-Jackson | 12,532 |
| Leavenworth Mountain                                   | Clear Creek   | 11,000 |
| Leon Peak  | Delta-Mesa    | 10,954 |
| Leviathan Peak   | San Juan      | 13,535 |
| Lewis Mountain   | La Plata      | 12,700 |
| Lillies Mountain (See Twin Sisters)                    |               |        |
| Lime Mesa  | La Plata      | 12,100 |
| Lincoln, Mount   | Park          | 14,237 |
| Lincoln Mountain                                       | Clear Creek   | 11,000 |
| Little Agnes Mountain                                  | Routt         | 11,500 |
| Little Bald Mountain                                   | Park          | 13,200 |
| Little Bald Mountain                                   | Larimer       | 10,400 |
| Little Baldy Mountain                                  | Park          | 12,151 |
| Little Bartlett Mountain                               | Summit        | 12,800 |
| Little Bear Peak                                       | Costilla      | 14,040 |
| Little Black Mountain (See Black Mountain)             |               |        |
| Little Cone Mountain                                   | San Miguel    | 12,000 |
| Little Giant Mountain                                  | San Juan      | 13,400 |
| Little Mountain  | Summit        | 10,050 |
| Little Pisgah Peak (See Nipple Mountain)               |               |        |
| Little Red Mountain                                    | Conejos       | 11,600 |
| Lizard Head  | Dolores       |        |
|  | San Miguel    | 13,156 |
| Logan, Mount   | Park          | 12,200 |
| London Hill  | Park          | 13,161 |
| Lone Cone  | San Miguel    |        |
|  | Dolores       | 12,761 |
| Lone Peak  | Eagle-Summit  | 11,300 |
| Lonesome Peak  | Grand         | 10,588 |
| Lone Spring Butte                                      | Routt         | 10,223 |
| Long and Derry Hill                                    | Lake          | 12,900 |
| Long Branch Baldy                                      | Saguache      | 12,000 |
| Longs Peak   | Boulder       | 14,255 |
| Lookout  | Boulder       | 10,744 |
| Lookout, Point   | Gunnison      | 11,200 |
| Lookout Mountain (See South Lookout Peak)              |               |        |
| Lookout Mountain                                       | Conejos       | 12,387 |
| Lookout Mountain                                       | Saguache      | 11,400 |
| Lookout Mountain                                       | Gunnison      | 10,900 |
| Lookout Mountain                                       | Larimer       | 10,632 |
| Lookout Peak   | San Juan      |        |
|  | San Miguel    | 13,674 |
| Lookout Peak (See South Lookout Peak)                  |               |        |
| Los Mogotes (See Prospect Peak)                        |               |        |
| Lost Mountain  | Chaffee       | 12,700 |
| Lost Park Mountain                                     | Park          | 11,800 |
| Loveland Mountain                                      | Park          | 13,624 |
| Lulu Mountain  | Jackson       |        |
|  | Larimer       | 12,278 |
| Lulu Mountain  | Grand         | 11,720 |
| Macomb Peak (See South River Peak)                     |               |        |
| Macomber Peak  | San Juan      | 13,200 |
| Madden Peak  | Montezuma     |        |
|  | La Plata      | 11,980 |
| Mahana Peak  | Boulder       | 12,629 |
| Mam (See North Mam; South Mam)                         |               |        |
| Mammoth Mountain                                       | Mineral       | 11,650 |
| Mammoth Mountain                                       | Conejos       | 11,340 |
| Mangnese Peak  | Gunnison      | 10,921 |
| Marcellina, Mount                                      | Gunnison      | 11,349 |
| Marleston Peak   |               | 10,874 |
| Marmot Peak  | Chaffee-Park  | 11,841 |
| Maroon Peak  | Pitkin        | 14,126 |
| Martha Washington Mountain (See Mount Lady Washington) |               |        |
| Martland Peak  | Park          | 10,600 |
| Marvine (See Plateau Peak)                             |               |        |
| Marvine, Mount   | Rio Blanco    | 12,045 |
| Massive, Mount   | Lake          | 14,418 |
| Matchless Mountain                                     | Gunnison      | 12,383 |
| Matterhorn Peak  | Hinsdale      | 13,585 |

| Name   | County         | Feet   |
|--|----------------|--------|
| Mayflower Hill                               | Summit         | 12,400 |
| McCauley Peak                                | La Plata       | 13,558 |
| McClellan, Mount                             | Clear Creek    | 13,423 |
| McGregor Mountain                            | Larimer        | 10,482 |
| McHenrys Peak                                | Grand-Larimer  | 13,200 |
| McKenzie Mountain                            | Mineral        | 11,700 |
| McLelland Mountain                           | Mineral        | 10,911 |
| McMillan Peak                                | San Juan       | 12,800 |
| Meadow Mountain                              | Gunnison       | 12,200 |
| Meadow Mountain                              | Boulder        | 11,634 |
| Mears Peak (See Hayden Peak)                 |                |        |
| Mears Peak                                   | Ouray-San Juan | 13,488 |
| Meeker, Mount                                | Boulder        | 13,911 |
| Meeker Ridge                                 | Boulder        | 12,500 |
| Meigs Peak (See Summit Peak)                 |                |        |
| Mendicant Ridge                              | Gunnison       | 11,800 |
| Mendota Peak                                 | Ouray          |        |
|  | San Miguel     | 13,300 |
| Meridian Hill                                | Park           | 11,000 |
| Mesa Lata                                    | Hinsdale       | 11,900 |
| Mesa Lavata                                  | Hinsdale       | 11,300 |
| Mesa Peak (See Del Norte Peak)               |                |        |
| Mesa Peak                                    | La Plata       | 12,955 |
| Methodist Mountain                           | Chaffee        | 11,600 |
| Metroz Mountain                              | Mineral        | 11,897 |
| Michigan Hill                                | Gilpin         | 10,500 |
| Middle Mountain                              | Chaffee        | 13,100 |
| Middle Mountain                              | San Juan       | 12,900 |
| Mills Moraine                                | Larimer        | 11,000 |
| Milwaukee Peak (See Cold Peak)               |                |        |
| Mineral Hill                                 | Teller         | 10,150 |
| Mineral Hill                                 | Summit         | 10,885 |
| Mineral Mountain                             | Hinsdale       | 12,078 |
| Mineral Mountain                             | Boulder        | 10,300 |
| Mineral Peak (See Houghton Mountain)         |                |        |
| Mineral Point                                | Gunnison       | 12,541 |
| Missionary Ridge                             | La Plata       | 10,614 |
| Missouri Hill                                | Chaffee        | 12,700 |
| Monarch Hill                                 | Chaffee        | 11,800 |
| Monitor Rock                                 | Lake           | 12,250 |
| Monitor Peak (See Bald Mountain)             |                |        |
| Monitor Peak                                 | La Plata       | 13,710 |
| Montana Mountain                             | Gilpin         | 10,941 |
| Montezuma Peak                               | Archuleta      | 13,131 |
| Montpelier (See Uncompahgre Butte)           |                |        |
| Monumental Mountain                          | Chaffee        |        |
|  | Gunnison       | 13,300 |
| Monument Bluff                               | Mineral        | 12,600 |
| Monument Hill                                | La Plata       | 10,823 |
| Monument Peak                                | Mineral        | 10,638 |
| Morgans Peak                                 | Summit         | 12,400 |
| Mosquito Peak                                | Park-Lake      | 13,794 |
| Moss, Mount                                  | La Plata       |        |
|  | Montezuma      | 13,200 |
| Mountain View Crest                          | La Plata       | 13,002 |
| Mummy Mountain                               | Larimer        | 13,413 |
| Music Peak                                   | Saguache       | 13,100 |
| Naka Peak                                    | Grand          | 12,221 |
| Nast, Mount                                  | Pitkin         | 12,500 |
| Navajo Peak                                  | Boulder-Grand  | 13,406 |
| Navajo Peak                                  | Archuleta      | 11,330 |
| Nebo, Mount                                  | San Juan       | 13,199 |
| Nebraska Hill                                | Gilpin         | 11,547 |
| Needle Mountains (See West Needle Mountains) |                |        |
| Needles, The                                 | Larimer        | 10,075 |
| Nelson Mountain                              | Mineral        | 12,650 |
| Neota, Mount                                 | Grand-Larimer  | 11,700 |
| Neva, Mount                                  | Boulder-Grand  | 12,800 |
| Niagara Peak                                 | Hinsdale       |        |
|  | San Juan       | 13,800 |
| Nigger Baby Hill                             | Dolores        | 10,600 |
| Nigger Hill                                  | Summit         | 10,171 |
| Nimbus, Mount                                | Grand          | 12,730 |
| Nipple Mountain                              | Fremont        | 10,068 |
| Nipple Mountain                              | Archuleta      | 12,000 |
| Nisa Mountain                                | Grand          | 10,791 |
| Nokhu Cras                                   | Jackson        | 12,400 |
| North Bald Mountain                          | Larimer        | 11,000 |
| North Haydens Peak                           | Saguache       | 11,807 |
| North Italian Mountain                       | Gunnison       | 13,225 |
| North Mam                                    | Garfield       | 10,973 |
| North Maroon Peak                            | Pitkin         | 14,000 |
| North Mountain                               | Rio Grande     | 12,727 |
| North Pole                                   | San Miguel     | 12,179 |
| North Ridge                                  | Boulder        | 12,000 |
| North Saddle Mountain                        | Delta          | 10,000 |
| North Sheep Mountain                         | Eagle-Summit   | 12,439 |
| North Star Mountain                          | Park-Summit    | 13,600 |

| Name                            | County           | Feet   | Name                                     | County            | Feet   |
|---------------------------------|------------------|--------|--|-------------------|--------|
| North Tarryall Peak             | Park             | 11,400 | Prairie Mountain                         | Grand-Summit      | 10,664 |
| Nose, The                       | Rio Grande       | 11,600 | Princeton, Mount                         | Chaffee           | 14,177 |
| Number 5                        | Hinsdale-Mineral | 13,417 | Printer Boy Hill                         | Lake              | 11,402 |
| Nystrom, Mount                  | Grand            | 12,600 | Prospect Hill                            | Summit            | 10,700 |
| Ogallala Peak                   | Boulder-Grand    | 13,147 | Prospect Mountain                        | Conejos           | 12,224 |
| Oh-be-joyful Peak               | Gunnison         | 12,400 | Prospect Mountain                        | Lake              | 12,608 |
| Ohio Peak (See Carbon Peak)     |                  |        | Ptarmigan Hill                           | Eagle             | 12,174 |
| Ohio Peak                       | San Juan         | 12,600 | Ptarmigan Peak                           | Park-Lake         | 13,736 |
| Ohio Peak                       | Gunnison         | 12,251 | Ptarmigan Peak                           | Grand-Summit      | 12,400 |
| Ohlwiler Ridge                  | La Plata         | 11,800 | Pulver Mountain                          | Park              | 10,400 |
| Old Baldy                       | Grand            | 11,809 | Puma Hills                               | Park              | 11,400 |
| Old Baldy Mountain              | Rio Grande       | 12,602 | Purgatory Peak                           | Costilla-         |        |
| Old Baldy Peak                  | Costilla         | 14,125 |  | Las Animas        | 13,719 |
| Ophir Mountain                  | San Juan         |        | Purple Peak                              | Gunnison          | 12,900 |
|                                 | San Miguel       | 12,800 | Purple Mountain                          | Gunnison          | 12,989 |
| Ophir Needles                   | San Miguel       | 12,100 | Pyramid (See Crystal Peak)               |                   |        |
| Oregon Hill                     | Gilpin           | 10,883 | Pyramid Peak                             | Pitkin            | 14,000 |
| Organ Mountain                  | La Plata         | 13,000 | Pyramid Peak                             | Rio Blanco        | 11,611 |
| Ormus Mountain                  |                  |        | Quadrat Peak (See Saddle Mountain)       |                   |        |
| Orno, Mount                     | Garfield         | 12,185 | Quail Mountain                           | Chaffee           | 13,461 |
| Orphan Butte                    | La Plata         | 12,000 | Quandary Peak                            | Summit            | 14,256 |
|                                 | Montezuma        | 11,136 | Rabbit Ears Mountain                     | Jackson           | 10,719 |
| Orton, Mount                    | Boulder          | 11,682 | Radical Hill                             | Summit            | 12,300 |
| Oso, Mount                      | La Plata         | 13,703 | Ragged Mountain                          | Gunnison          | 12,800 |
| Otis Peak                       | Grand-Larimer    | 12,478 | Raspberry Mountain                       | Teller            | 10,500 |
| Otmar Point                     | Pitkin           | 10,000 | Rawah Peak                               | Jackson-          |        |
| Otter, Mount                    | Clear Creek      | 12,767 |  | Larimer           | 12,636 |
| Ouray Peak                      | Chaffee          | 13,955 | Razor Creek Dome                         | Saguache          | 11,400 |
| Ouzel Peak                      | Boulder-Grand    | 12,600 | Red and White Mountain                   | Eagle             | 11,200 |
| Overlook Point                  | La Plata         | 13,002 | Red Bluff                                | Conejos           | 10,800 |
| Owen, Mount                     | Gunnison         | 13,102 | Red Bluffs                               | Pueblo-Custer-    |        |
|                                 |                  |        |  | Huerfano          | 11,400 |
| Pagoda                          | Boulder          | 13,491 | Redcloud Peak                            | Hinsdale          | 14,050 |
| Pagoda Peak                     | Rio Blanco       | 11,257 | Red Cone                                 | Park              | 12,500 |
| Pagosa Peak                     | Mineral          | 12,674 | Red Elephant Hill                        | Clear Creek       | 10,309 |
| Paine Ridge                     | La Plata         | 11,500 | Red Elephant Mountain                    | Jackson           | 11,550 |
| Paines Mountain                 | Clear Creek      | 12,000 | Red Hill (See Big Red Hill)              |                   |        |
| Palute Peak                     | Boulder-Grand    | 13,082 | Red Hill                                 | Jackson           | 11,400 |
| Palmer Mesa                     | Mineral          |        | Red Hill                                 | La Plata          | 10,669 |
|                                 | Saguache         | 12,324 | Red Mountain (See Redcloud Peak)         |                   |        |
| Palmer Peak                     | Park             | 12,526 | Red Mountain (See Big Red Mountain; Lit- |                   |        |
| Parika Peak                     | Grand-Jackson    | 12,400 |  | tle Red Mountain) |        |
| Park Cone                       | Gunnison         | 12,102 | Red Mountain                             | Grand             | 11,505 |
| Park Mountain                   | Costilla         | 10,396 | Red Mountain                             | Chaffee-Pitkin    | 13,500 |
| Park View Peak                  | Grand-Jackson    | 12,433 | Red Mountain                             | Chaffee           |        |
| Parrot Peak                     | La Plata         | 11,876 |  | Gunnison          | 13,323 |
| Farry Peak                      | Clear Creek-     |        | Red Mountain                             | Hinsdale          | 12,797 |
|                                 | Grand            | 13,344 | Red Mountain                             | Pitkin            | 10,400 |
| Pass Mountain                   | Park             | 11,400 | Red Mountain No. 1                       | Ouray-San Juan    | 12,500 |
| Patterson, Mount                | Grand            | 11,400 | Red Mountain No. 2                       | Ouray             | 12,200 |
| Pawnee Peak                     | Boulder-Grand    | 12,900 | Red Mountain No. 3                       | Ouray-San Juan    | 12,870 |
| Paywell Mountain                | Gunnison         | 12,300 | Red Peak                                 | Costilla-         |        |
| Pearl Hill                      | Eagle            | 12,200 |  | Las Animas        | 13,600 |
| Pearl Mountain                  | Gunnison-        |        | Red Peak                                 | Eagle-Summit      | 12,382 |
|                                 | Pitkin           | 13,484 | Red Peak Mountain                        | Eagle             | 11,743 |
| Peeler Peak                     | Gunnison         | 12,219 | Republican Mountain                      | Clear Creek       | 12,392 |
| Pegmatite Points                | Park             | 12,200 | Rhyolite Mountain                        | Teller            | 10,771 |
| Pendleton Mountain              | Clear Creek      | 11,100 | Ribbon Mesa                              | Rio Grande        | 10,857 |
| Pennsylvania Hill               | Park             | 13,003 | Richaborg Mountain                       | Park              | 10,600 |
| Perry Mountain                  | Lake             | 12,676 | Richmond Hill                            | Pitkin            | 11,500 |
| Piedra Colorow Pintata          | Hinsdale         | 11,000 | Richmond Mountain                        | Gunnison          | 12,543 |
| Piedra Peak                     | Mineral          | 12,300 | Richtofen, Mount                         | Grand-Jackson     | 12,953 |
| Pigeon Peak                     | La Plata         | 13,968 | Rio Grande Pyramid                       | Hinsdale          | 13,827 |
| Pikes Peak                      | El Paso          | 14,109 | Rito Alto Peak                           | Custer-           |        |
| Pile Hill                       | Gilpin           | 10,862 |  | Saguache          | 13,573 |
| Pilot Knob                      | San Juan-        |        | River Peak (See South River Peak)        |                   |        |
|                                 | San Miguel       | 13,750 | Rock Hill                                | Lake              | 10,900 |
| Pilate Peak (See Bald Mountain) |                  |        | Rocky Point                              | Gunnison          | 11,772 |
| Pine Ridge                      | Larimer          | 10,500 | Rogers Peak                              | Clear Creek       | 13,329 |
| Piney Peak                      | Eagle            | 11,563 | Rolling Mountain                         | San Juan          | 13,694 |
| Pinnacle (See Eagle Mountain)   |                  |        | Rosalie Peak                             | Park              | 13,574 |
| Pintado Peak                    | Rio Grande       | 13,176 | Rosa, Mount                              | Teller            | 11,504 |
| Pisgah, Mount                   | Teller           | 10,400 | Rosedale Peak (See Pegmatite Points)     |                   |        |
| Pisgah, Mount                   | Clear Creek-     |        | Round Hill                               | Park              | 11,200 |
|                                 | Gilpin           | 10,084 | Round Mountain                           | San Juan          | 13,422 |
| Plateau Peak                    | Rio Blanco       | 12,030 | Round Mountain                           | San Juan          | 12,900 |
| Poison Mountain                 | Rio Grande       | 12,100 | Round Mountain                           | Saguache          | 11,900 |
| Pole Creek Mountain             | Hinsdale         | 13,737 | Round Mountain                           | Gunnison          | 10,881 |
| Polepatch Hill                  | Gunnison         | 10,400 | Rowler, Mount                            | Gunnison          | 13,750 |
| Pomeroy Mountain                | Chaffee          | 13,400 | Ruby Peak                                | Gunnison          | 12,749 |
| Pomeroy Mountain                | Boulder          | 10,000 | Rudolph Hill                             | Gunnison          | 10,126 |
| Pool Table Mountain             | Rio Grande       | 12,139 | Ruffner Mountain                         | San Miguel        | 12,800 |
| Popes Nose                      | Hinsdale         | 12,402 | Runlett Peak                             | La Plata          | 11,400 |
| Porcupine Hill                  | Clear Creek      | 10,200 | Ryder Mountain                           | Jackson           | 10,000 |
| Porcupine Ridge                 | Gunnison         | 10,600 | Sabeta Peak                              | Chaffee           | 13,600 |
| Porphyry Peaks                  | Grand            | 11,355 | Sachett Mountain                         | El Paso           | 12,600 |
| Potato Hill                     | San Juan         | 11,874 | Sacramento Peaks (See Mount Sherman)     |                   |        |
| Potosi Peak                     | Ouray            | 13,768 |  |                   |        |
| Powell, Mount                   | Summit           | 13,534 |  |                   |        |

| Name   | County        | Feet   |
|--|---------------|--------|
| Saddle Mountain (See North Saddle Mtn.; South Saddle Mtn.)   |               |        |
| Saddle Mountain  | Park          | 10,815 |
| Saddle Mountain  | Mineral       | 12,033 |
| San Bernardo Mountain  | San Miguel    | 11,845 |
| Sand Mountain  | Routt         | 10,817 |
| Sand Peak  | Rio Blanco    | 10,800 |
| Sandstone Mountain   | Dolores       | 10,450 |
| San Joaquin Ridge  | San Miguel    | 13,500 |
| San Luis, Mount  | Teller        | 10,490 |
| San Luis Peak  | Saguache      | 14,149 |
| San Miguel Peak  | Dolores-      |        |
|  | San Miguel    | 13,700 |
| Santa Fe Mountain  | Clear Creek   | 10,200 |
| Santa Fe Peak  | Summit-       |        |
|  | Clear Creek   | 13,146 |
| Satanta Peak   | Grand         | 11,900 |
| Sawtooth Mountain  | Mineral       | 12,587 |
| Sawtooth Mountain  | Boulder-Grand | 12,304 |
| Sawtooth Mountain (See Agency Knob)  |               |        |
| Sawtooth Range   | Routt         | 12,065 |
| Sawtooth Rocks   | Montrose-     |        |
|  | Ouray         | 10,897 |
| Saxon Mountain   | Clear Creek   | 11,534 |
| Scarp Ridge  | Gunnison      | 12,338 |
| Schoolmaam Mountain  | Park          | 11,400 |
| Schuykill Mountain   | Gunnison      | 12,188 |
| Section Point  | Dolores-      |        |
|  | San Juan      | 11,900 |
| Sentinel Peak  | Rio Grande    | 10,137 |
| Sentinel Peak  | Jackson-      |        |
|  | Larimer       | 10,000 |
| Sentinel Point   | Teller        | 12,500 |
| Seven Utes Mountain  | Jackson       | 11,438 |
| Shadow Mountain  | Grand         | 10,100 |
| Sharkstooth  | Montezuma     | 12,300 |
| Shavano Peak   | Chaffee       | 14,179 |
| Shawnee Peak   | Park          | 12,400 |
| Sheep Mountain   | San Juan      | 13,200 |
| Sheep Mountain   | Dolores-      |        |
|  | San Miguel    | 13,200 |
| Sheep Mountain   | Park          | 12,800 |
| Sheep Mountain   | Garfield      | 12,200 |
| Sheep Mountain   | Gunnison      | 11,900 |
| Sheep Mountain   | Gunnison      | 11,800 |
| Sheep Mountain   | Grand-Jackson | 11,600 |
| Sheep Mountain   | Huerfano      | 10,600 |
| Sheep Mountain   | Grand         | 10,400 |
| Sheep Mountain   | Gunnison      | 13,176 |
| Sheep Mountain   | Mineral       | 12,374 |
| Sheep Mountain   | Eagle-Summit  | 11,089 |
| Sheep Mountain   | Summit        | 12,507 |
| Sheep Mountain (See Little Sheep Mtn.; North Sheep Mtn.; East Sheep Mtn.; Table Mtn.; Thorodin Mtn.) |               |        |
| Sheeps Head (See Thorodin Mountain)  |               |        |
| Sheeps Head  | Conejos       | 12,200 |
| Sheridan, Mount  | Lake-Park     | 13,700 |
| Sheridan Hill  | Clear Creek-  |        |
|  | Gilpin        | 10,700 |
| Sheridan Mountain  | La Plata      | 12,792 |
| Sherman (See Sunshine Peak)  |               |        |
| Sherman, Mount   | Park-Lake     | 14,037 |
| Sherman Mountain   | Clear Creek   | 11,100 |
| Shingle Peak   | Garfield      | 12,072 |
| Shipler Mountain   | Grand         | 11,400 |
| Shoshone Peak (See Chiefs Head)  |               |        |
| Sierra Blanca (See Blanca Peak)  |               |        |
| Signal Mountain  | Larimer       | 11,200 |
| Silesia Peak   | Custer-       |        |
|  | Saguache      | 13,599 |
| Silex, Mount   | San Juan      | 13,634 |
| Silverheels, Mount   | Park          | 13,835 |
| Silver Mesa (See West Silver Mesa; East Silver Mesa)   |               |        |
| Silver Mountain  | San Miguel    | 13,400 |
| Silver Mountain  | Summit-       |        |
|  | Clear Creek   | 12,900 |
| Silver Mountain  | La Plata      | 12,400 |
| Silver Plume Mountain  | Clear Creek   | 13,500 |
| Simmons Peak   | Fremont-      |        |
|  | Saguache      | 11,800 |
| Simpson, Mount (See Rio Grande Pyramid)  |               |        |
| Sioux Mountain (See Mount Alice)   |               |        |
| Slate Mountain   | Eagle         | 11,104 |
| Slate Peak (See Purple Peak)   |               |        |
| Sleepy Cat Peak  | Rio Blanco    | 10,800 |
| Slide Rock Mountain  | La Plata      | 10,700 |
| Sliderock Ridge  | Dolores-      |        |
|  | San Juan      | 13,146 |

| Name   | County        | Feet   |
|--|---------------|--------|
| Sloane Peak  | Pitkin        | 10,538 |
| Slow Trail Ridge   | Eagle         | 10,400 |
| Smith Peak   |               | 13,093 |
| Sneffels, Mount  | Ouray         | 14,143 |
| Snowdon Peak   | San Juan      | 13,077 |
| Snowdrift Peak   | Grand         | 12,280 |
| Snowmass Mountain  | Pitkin-       |        |
|  | Gunnison      | 14,077 |
| Snowshoe Mountain  | Mineral       | 12,000 |
| Snowstorm Peak   | La Plata      | 12,500 |
| Sockrider Peak   | Dolores       | 12,323 |
| Sopris Peak  | Pitkin        | 12,823 |
| South Argentine Peak                                     | Clear Creek-  |        |
|  | Summit        | 13,600 |
| South Bald Mountain (See Bald Mountain)                  |               |        |
| South Lookout Peak                                       | San Juan-     |        |
|  | San Miguel    | 13,500 |
| South Mam  | Garfield      | 10,897 |
| South Matchless Mtn.                                     | Gunnison      | 12,235 |
| South Mountain   | Rio Grande    | 12,500 |
| South Peak   | Lake          | 12,900 |
| South River Peak   | Mineral       | 13,142 |
| South Saddle Mountain                                    | Delta         | 10,000 |
| South Tarryall Peak (See Tarryall Peak)                  |               |        |
| Spanish Peaks (See East Spanish Peak; West Spanish Peak) |               |        |
| Spearhead Mountain                                       | Park          | 11,200 |
| Specimen Mountain  | Grand-Larimer | 12,482 |
| Spiller Peak   | La Plata-     |        |
|  | Montezuma     | 13,000 |
| Squaretop Mountain                                       | Archuleta     | 11,777 |
| Squaw Mountain   | Clear Creek   | 11,733 |
| Squaw Mountain   | Teller        | 10,376 |
| St. Charles Peak   | Custer-       |        |
|  | Huerfano      | 11,600 |
| St. Louis Peak   | Grand         | 12,600 |
| St. Sophia Ridge   | Ouray-        |        |
|  | San Miguel    | 13,100 |
| St. Vrain, Mount   | Boulder       | 12,162 |
| Stag Mesa  | La Plata      | 12,100 |
| Star Mountain  | Lake          | 13,000 |
| Star Peak  | Gunnison-     |        |
|  | Pitkin        | 13,562 |
| Stearns Mountain   | Huerfano-     |        |
|  | Costilla      | 11,409 |
| Stella, Mount  | Gunnison      | 12,600 |
| Stewart Peak   | Saguache      | 14,032 |
| Stoll Mountain   | Park          | 10,915 |
| Stones Peak  | Larimer       | 12,928 |
| Stony Mountain   | Ouray         | 12,677 |
| Storm King   | Montrose-     |        |
|  | Ouray         | 11,388 |
| Storm King   | Saguache      | 11,000 |
| Storm King Peak  | San Juan      | 13,749 |
| Storm Mountain   | Routt         | 10,600 |
| Storm Peak   | San Juan      | 13,400 |
| Storm Peak   | Larimer       | 13,335 |
| Storm Peak   | Dolores       | 12,050 |
| Storm Ridge  | Gunnison      | 11,859 |
| Stormy Peak  | Park          | 11,748 |
| Straub Mountain  | Teller        | 10,050 |
| Stray Horse Ridge  | Lake          | 10,600 |
| Sugarloaf  | Eagle-Summit  | 12,556 |
| Sugarloaf  | Park          | 10,800 |
| Sugarloaf  | Grand         | 12,050 |
| Sugarloaf Peak   | Clear Creek   | 12,512 |
| Sugarloaf Rock   | Hinsdale      | 10,827 |
| Sultan Mountain  | San Juan      | 13,341 |
| Summit Peak  | Archuleta     | 13,272 |
| Sunlight Peak  | La Plata      | 14,053 |
| Sunlight Peak  | Garfield      | 10,400 |
| Sunshine Mountain  | San Miguel    | 12,945 |
| Sunshine Peak  | Hinsdale      | 14,018 |
| Swan Peak  | Summit        | 10,600 |
| Syncline Hill  | Chaffee       | 11,400 |
| Table Mountain   | Mineral       | 12,610 |
| Table Mountain   | Saguache      | 12,111 |
| Table Mountain (See North Table Mtn.; South Table Mtn.)  |               |        |
| Table Mountain (See Pool Table Mtn.; Red Table Mtn.)     |               |        |
| Tahana Mountain  | Park          | 11,949 |
| Tanima Peak  | Boulder       | 12,417 |
| Tank Mesa  | La Plata      | 11,800 |
| Tarryall Peak (See North Tarryall Peak)                  |               |        |
| Tarryall Peak  | Park          | 11,300 |
| Taylor Mountain  | Chaffee       | 13,600 |
| Taylor Peak  | Gunnison-     |        |
|  | Pitkin        | 13,419 |

| Name                                     | County                       | Feet   | Name                                   | County              | Feet   |
|--|------------------------------|--------|--|---------------------|--------|
| Taylor Peak                              | Grand-Larimer                | 13,150 | Vasquez Peak                           | Clear Creek-Grand   | 12,800 |
| Telescope Mountain                       | Dolores                      | 12,218 | Velte Peak                             | Grand               | 13,456 |
| Teller Mountain                          | Summit                       | 12,602 | Vermilion Peak                         | San Juan-San Miguel | 13,870 |
| Telluride Mountain                       | Conejos                      | 11,100 | Vestal Peak                            | San Juan            | 13,853 |
| Telluride Peak                           | San Miguel                   | 12,700 | Veta Mountain (See La Veta Peak)       |                     |        |
| Tenderfoot Hill                          | Teller                       | 10,500 | Viewcrest Mountain                     |                     | 12,390 |
| Tenderfoot Mountain                      | Summit                       | 11,800 | Vigil Peak                             | El Paso             | 10,075 |
| Ten Mile Peaks                           | Summit                       | 12,800 | Virginia Peak                          | Jefferson           | 10,530 |
| Teocalli Mountain                        | Gunnison                     | 13,220 | Vulcan Crest                           | Mineral-Saguache    | 13,722 |
| Terra Tomah Peak                         | Larimer                      | 12,686 | Vulcan Mountain                        | Chaffee-Gunnison    | 13,000 |
| Thatchtop                                | Larimer                      | 12,800 | W Mountain                             | Eagle-Garfield      | 11,400 |
| Thimble Rock                             | Pitkin                       | 10,100 | Warrior Mountain                       | Clear Creek         | 11,269 |
| Thirty-nine Mile Mtn.                    | Park                         | 11,000 | Warren, Mount                          | Clear Creek         | 13,300 |
| Thomas, Mount                            | Eagle                        | 11,991 | Wasatch Mountain                       | San Miguel          | 13,551 |
| Thorodin Mountain                        | Gilpin                       | 10,500 | Washboard Rock                         | Montrose            | 10,700 |
| Three Chimneys, The (See Castle Peak)    |                              |        | Washington (See Mount Lady Washington) |                     |        |
| Three Needles                            | San Juan-San Miguel          | 13,400 | Watanga Mountain                       | Grand               | 12,381 |
| Three Point Block                        | San Miguel                   | 12,190 | Welba Peak                             | Moffat              | 10,500 |
| Three Tetons (See Crestone)              |                              |        | Wescott, Mount                         | Grand               | 10,400 |
| Thunderbolt Peak                         | Grand                        | 11,943 | West Backwith Peak                     | Gunnison            | 12,168 |
| Thunder Mountain                         | La Plata                     | 13,100 | West Elk Peak                          | Gunnison            | 12,920 |
| Tie Hill                                 | Mineral                      | 11,131 | West Mountain                          | La Plata            | 11,709 |
| Tileston, Mount                          | Larimer                      | 11,244 | West Mountain                          | Gunnison            | 10,500 |
| Tilton, Mount                            | Gunnison                     | 12,633 | West Needle Mountains                  | San Juan            | 13,057 |
| Tiptop Peak                              | Summit                       | 12,038 | Weston Peak                            | Park                | 13,500 |
| Tobasco (See Handies Peak)               |                              |        | West Point                             | Gunnison            | 10,700 |
| Toll, Mount                              | Boulder-Grand                | 12,400 | West Porphyry Peak                     | Saguache            | 11,500 |
| Tomichi Dome                             | Gunnison                     | 11,384 | West Silver Mesa                       | La Plata            | 12,500 |
| Topaz Butte (See Crystal Peak)           |                              |        | West Spanish Peak                      | Huerfano-Las Animas | 13,623 |
| Torres Peak                              | Clear Creek-Summit           | 14,264 | Wetterhorn Peak                        | Hinsdale-Ouray      | 14,017 |
| Tower Mountain                           | San Juan                     | 13,414 | Whale Peak                             | Park-Summit         | 13,074 |
| Trachyte Knob (See The Castle)           |                              |        | Wheatstone, Mount                      | Gunnison            | 12,543 |
| Trachyte Mountain                        | Teller                       | 10,863 | Whipple Mountain                       | San Miguel          | 11,900 |
| Trail Ridge                              | Larimer                      | 12,400 | Whitecap Mountain                      | Dolores             | 12,350 |
| Treasure Mountain                        | San Juan                     | 12,900 | Whitcross Mountain                     | Hinsdale            | 13,550 |
| Treasure Mountain                        | Mineral                      | 11,800 | White Dome                             | San Juan            | 13,614 |
| Treasury Mountain                        | Gunnison                     | 13,442 | Whiteface Peak                         | Grand               | 11,494 |
| Tremble Mountain (See Tremont Mountain)  |                              |        | Whitehead Mountain (See Sand Mountain) |                     |        |
| Tremont Mountain                         | Gilpin                       | 10,400 | Whitehead Peak                         | San Juan            | 13,200 |
| Trident Mesa                             | Gunnison                     | 11,470 | Whitehouse Mountain                    | Ouray               | 13,493 |
| Trinchera Peak                           | Las Animas-Costilla-Huerfano | 13,540 | Whiteley Peak                          | Grand               | 10,150 |
| Trinity Peaks                            | San Juan                     | 13,811 | White Mountain (See Mount Logan)       |                     |        |
| Troublesome Peak                         | Grand                        | 11,500 | White Peak                             | Saguache            | 13,600 |
| Trout Mountain                           | Mineral                      | 11,930 | White Pine Mountain                    | Larimer             | 10,249 |
| Trout Pass Hills                         | Chaffee-Park                 | 10,600 | White Rock Mountain                    | Gunnison            | 13,532 |
| Truro Peak                               | Pitkin                       | 13,300 | Whites Hill                            | Lake                | 11,300 |
| Tucker Mountain                          | Summit                       | 12,500 | Whitney Peak                           | Eagle               | 13,200 |
| Turret Peak                              | La Plata                     | 13,826 | Wildhorse Peak                         | Ouray               | 13,268 |
| Turret Peak                              | Garfield                     | 11,800 | Wilkinson, Mount                       | Gunnison            | 11,600 |
| Turret Peak                              | Mineral                      | 10,667 | Williams Mountains                     | Pitkin              | 13,400 |
| Tuttle Mountain                          | San Juan                     | 13,200 | Williams Peak                          | Grand-Summit        | 11,619 |
| Twilight Peak                            | San Juan                     | 13,160 | Wilson, Mount*                         | Dolores             | 14,250 |
| Twin Cones (See Kenosha Twin Cones)      |                              |        | Wilson Peak                            | San Miguel          | 14,026 |
| Twin Mountains                           | Saguache                     | 10,600 | Windom Peak                            | La Plata            | 14,084 |
| Twin Peak                                | Jackson-Routt                | 11,100 | Wind Point                             | Saguache            | 12,200 |
| Twin Peaks                               | Jackson-Routt                | 11,950 | Windy Ridge                            | Park                | 11,722 |
| Twin Peaks                               | Chaffee                      | 13,278 | Witter Peak                            | Clear Creek         | 12,855 |
| Twin Peaks                               | Huerfano-Saguache            | 11,800 | Woodchuck Peak                         | Clear Creek         | 11,200 |
| Twin Sisters                             | Fremont-Saguache             | 12,600 | Woodland Mountain                      | Boulder             | 11,100 |
| Twin Sisters                             | Larimer                      | 11,436 | Wood Mountain                          | Hinsdale-San Juan   | 13,640 |
| Twin Sisters                             | San Juan                     | 13,438 | Wulsten Peak                           | Custer              | 13,659 |
| Uncompahgre Plateau                      | Mesa-Montrose                | 10,000 | Yale, Mount                            | Chaffee             | 14,172 |
| Uncompahgre Peak                         | Hinsdale                     | 14,306 | Yampa Peak (See Juniper Mountain)      |                     |        |
| Union Mountain                           | Summit                       | 12,336 | Yankee Hill                            | Clear Creek-Gilpin  | 11,200 |
| U. S. Grant Peak                         | San Juan-San Miguel          | 13,692 | Yankee Hill                            | Lake                | 10,940 |
| Upper Grand Valley Peak (See Bowen Mtn.) |                              |        | Yellow Mountain                        | San Miguel          | 12,900 |
| Upper Muddy Butte (See Whiteley Peak)    |                              |        | Yellow Peak                            |                     | 13,618 |
| Usher Peak (See Mount Shavano)           |                              |        | Ypsilon Mountain                       | Larimer             | 13,507 |
| Utah Hill (See Mount Shavano)            |                              |        | Zion, Mount                            | Lake                | 12,100 |
| Utah Hill                                | Gilpin                       | 10,500 | Zirkel, Mount                          | Jackson-Routt       | 12,220 |
| Ute Peak                                 | Grand-Summit                 | 12,298 |  |                     |        |
| Ute Peak                                 | Mineral                      | 10,800 |  |                     |        |
| V Mountain                               | Archuleta                    | 10,716 |  |                     |        |
| Van Wirt Mountain                        | Chaffee-Gunnison             | 13,000 |  |                     |        |

\*Unofficially named Mount Franklin Roosevelt.

LAKES AND RESERVOIRS

THE principal and best known of several thousand lakes and reservoirs in Colorado are as follows:

| Name                   | County      | Altitude |
|------------------------|-------------|----------|
| Arapahoe               | Gilpin      | 11,165   |
| Antero Res.            | Park        | 8,934    |
| Adams Res.             | Adams       | -----    |
| Adobe Creek Res.       | Bent-Kiowa  | 4,150    |
| Baker                  | Park        | 9,000    |
| Bradford               | Huerfano    | 5,850    |
| Black Hollow Res.      | Weld        | 5,065    |
| Bee                    | Larimer     | 5,175    |
| Bolles                 | Boulder     | 5,040    |
| Boedecker              | Larimer     | 5,075    |
| Bison Res.             | Teller      | 10,400   |
| Black                  | Summit      | 8,871    |
| Blue                   | Conjoes     | 11,937   |
| Burch's                | Boulder     | 5,145    |
| Beasley Res.           | Boulder     | 5,195    |
| Boulder                | Boulder     | 5,228    |
| Boyd Lakes             | Larimer     | 4,960    |
| Bent County Res.       | Bent        | 4,300    |
| Barr                   | Adams       | -----    |
| Badger Res.            | Morgan      | -----    |
| Big Creek Lakes        | Jackson     | 9,010    |
| Boettcher              | Jackson     | 8,160    |
| Breman                 | Gunnison    | 10,325   |
| Balsam                 | San Juan    | 11,435   |
| Big Nile               | Adams       | -----    |
| Clear                  | Clear Creek | 9,870    |
| Chicago                | Clear Creek | 11,350   |
| Crater                 | Jefferson   | 8,877    |
| Chinn                  | Clear Creek | 11,020   |
| Chasm                  | Boulder     | 11,800   |
| Caroline               | Clear Creek | 11,853   |
| Castlewood Res.        | Douglas     | 6,475    |
| Calkins                | Weld        | 4,975    |
| Curtis                 | Larimer     | 5,080    |
| Cheesman               | Jefferson   | 6,856    |
| Clear Creek Res.       | Chaffee     | 8,878    |
| Clear Lake             | San Juan    | 11,875   |
| Como                   | Park        | 9,697    |
| Dake                   | Park        | 10,214   |
| Devils                 | Hinsdale    | 11,968   |
| Duck                   | Clear Creek | 11,070   |
| Diamond                | Boulder     | 10,960   |
| Dorothy                | Boulder     | 12,050   |
| Douglas                | Larimer     | 5,200    |
| Demmel                 | Larimer     | 5,250    |
| Dead                   | Teller      | 10,900   |
| Dye Res.               | Otero       | 4,150    |
| Eaglesmere             | Summit      | 10,400   |
| Echo                   | Clear Creek | 10,605   |
| Eleven Mile Canon Res. | Park        | 8,563    |
| Emerald                | Hinsdale    | 10,020   |
| Eldora                 | Boulder     | 9,245    |
| Edith                  | Clear Creek | 10,117   |
| Eileen                 | La Plata    | 8,924    |
| Erdman                 | Pueblo      | 4,610    |
| Empire Res.            | Morgan-Weld | -----    |
| Fossil Creek Res.      | Larimer     | 4,890    |
| Fountain Valley Res.   | El Paso     | 5,800    |
| Granby Res.            | Grand       | 8,275    |
| Grand                  | Grand       | 8,369    |
| Gold                   | Boulder     | 8,600    |
| Gerard Res.            | Prowers     | 4,050    |
| George                 | Park        | 6,915    |
| Gibson                 | Park        | 11,900   |
| Green River Res.       | Summit      | 7,950    |
| Hoffman                | Boulder     | 5,120    |
| Hazel                  | San Juan    | 11,420   |
| Hazel                  | La Plata    | 12,420   |
| Head                   | Alamosa     | 7,527    |
| Hermit Lakes           | Hinsdale    | 9,975    |
| Horse Creek Res.       | Bent-Otero  | 4,950    |
| Hungerford             | Pueblo      | 4,520    |

| Name                  | County          | Altitude |
|-----------------------|-----------------|----------|
| Huerfano              | Pueblo          | 4,725    |
| Hayden Res.           | Pueblo          | -----    |
| Ice                   | Clear Creek     | 12,188   |
| Ignacio Res.          | La Plata        | 8,375    |
| Isabelle              | Boulder         | 10,852   |
| Irish                 | Larimer-Boulder | 5,090    |
| Jasper                | Boulder         | 10,733   |
| Julesburg Res.        | Sedgwick-Logan  | -----    |
| Jackson               | Morgan          | -----    |
| Jefferson             | Park            | 10,707   |
| Jim Crowe Res.        | Weld            | -----    |
| John A. Martin Res.   | Bent            | 3,880    |
| King Res.             | Kiowa-Prowers   | 3,860    |
| Lily Pond             | Gunnison        | 10,551   |
| Lost                  | Boulder         | 9,950    |
| Lost                  | Summit          | 10,130   |
| Lower Crater          | Gilpin          | 10,580   |
| Los Lagos             | Boulder-Gilpin  | 8,930    |
| Loch Lomond           | Clear Creek     | 11,140   |
| Lena                  | Routt           | 9,980    |
| Lorland               | Larimer         | 5,022    |
| Loch Ivanho           | Pitkin          | 10,930   |
| Long                  | Boulder         | 10,499   |
| Lower Cataract        | Summit          | 8,618    |
| Marston               | Jefferson       | 5,533    |
| Marvine               | Rio Blanco      | 10,500   |
| McIntosh              | Boulder         | 5,060    |
| Milligan              | Park            | 9,327    |
| Mirror                | Summit          | 10,559   |
| Moraine               | El Paso         | 10,215   |
| Monarch               | Grand           | 8,340    |
| Mills                 | Larimer         | 11,496   |
| Maroon                | Pitkin          | 9,700    |
| Molas                 | San Juan        | 10,488   |
| Margareta             | Routt           | 10,450   |
| Milton                | Weld            | -----    |
| Middle Plum Res.      | Prowers         | 4,100    |
| Meredith              | Crowley         | 4,308    |
| Minnequa              | Pueblo          | 4,740    |
| Naylor                | Clear Creek     | 11,348   |
| New Windsor Res.      | Weld            | 4,920    |
| North Plum Res.       | Prowers         | 4,100    |
| North Butte Res.      | Prowers         | 4,200    |
| Nee Noshee Res. No. 3 | Kiowa           | 3,870    |
| Nee Sopla Res. No. 5  | Kiowa           | 3,860    |
| Nee Gronda Res. No. 4 | Kiowa           | 3,840    |
| Nee Skah Res.         | Kiowa           | 3,885    |
| Owens                 | Boulder         | 5,220    |
| Otanawanda            | Ouray           | 8,900    |
| Palmer                | Douglas         | 9,210    |
| Peterson              | Boulder         | 9,245    |
| Point of Rocks Res.   | Logan           | 3,800    |
| Price Res.            | Prowers         | 3,850    |
| Prewitt Res.          | Logan           | 3,900    |
| Pisgah                | Gilpin          | 9,656    |
| Powderhorn            | Hinsdale        | 11,830   |
| Res. No. 2            | El Paso         | 11,270   |
| Res. No. 4            | Teller          | 10,900   |
| Res. No. 5            | Teller          | 10,900   |
| Res. No. 7            | El Paso         | 12,080   |
| Res. No. 8            | El Paso-Teller  | 11,675   |
| Riverside Res.        | Weld            | -----    |
| Res. No. 1, No. 2     | Kiowa           | 3,770    |
| Res. No. 4            | Kiowa           | 4,025    |
| Res. No. 1            | Otero           | 4,760    |
| Res. No. 4            | Otero           | 4,760    |
| Res. No. 5            | Otero           | 4,750    |
| Shaw                  | Mineral         | 9,830    |
| Spruce Lakes          | Mineral         | 11,263   |
| Silver                | San Juan        | 11,675   |
| Seeley                | Weld            | 4,175    |
| San Cristobal         | Hinsdale        | 8,997    |
| Santa Maria           | Mineral         | 9,475    |
| San Luis              | Alamosa         | 7,525    |

| Name              | County         | Altitude | Name              | County    | Altitude |
|-------------------|----------------|----------|-------------------|-----------|----------|
| Strawberry        | Grand          | 8,340    | Upper Crater      | Gilpin    | 10,997   |
| Summit            | Clear Creek    | 12,740   | Upper Nile        | Adams     |          |
| Slater            | Clear Creek    | 11,385   |                   |           |          |
| Silver            | Boulder        | 10,190   | Vallecito Res.    | La Plata  | 7,665    |
| Swedes            | Boulder        | 5,095    |                   |           |          |
| Snowden           | Otero          | 4,820    | Wellington        | Jefferson | 9,863    |
| Seven Lakes       | Teller         | 10,900   | Warren            | Larimer   | 4,985    |
| Sanchez Res.      | Costilla       | 8,500    | Windsor           | Lake      | 11,650   |
| Standley Res.     | Jefferson      |          | Woods             | Weld      | 4,860    |
| Surprise          | Summit         | 10,044   | Woods             | Eagle     | 9,405    |
| Sylvan Res.       | Grand          | 8,689    | Webster Park Res. | Fremont   | 5,950    |
|                   |                |          | Williams-McCreery | Morgan    |          |
| Twin Lakes        | Lake           | 9,190    |                   |           |          |
| Trappers          | Rio Blanco     | 10,500   |                   |           |          |
| Trout             | San Miguel     | 9,750    |                   |           |          |
| Terry             | Larimer        | 5,095    |                   |           |          |
| Timnath           | Weld           | 4,900    |                   |           |          |
| Tipperary         | Summit         | 10,750   |                   |           |          |
| Two Buttes Res.   | Baca-Prowers   | 4,230    |                   |           |          |
| Turkey Creek Res. | Pueblo         | 5,580    |                   |           |          |
| Thatcher          | Pueblo-El Paso | 5,395    |                   |           |          |
| Upper Cataract    | Summit         | 10,744   |                   |           |          |

### MOUNTAIN PASSES

THREE terms—"summit," "divide" and "pass"—are used in Colorado to designate the highest elevations reached by routes which cross the various mountain ranges of the state. More particularly, the terms refer to that portion of the carry from one drainage basin to another whenever the mountain range forming the watershed is one of formidable character. Such a divide is likely to present obstacles to early crossings and the later construction of roads or railroads, even when advantage is taken of natural valleys and natural depressions found within the mountains. In appreciation of this difficulty, the proper one of the three terms, together with a descriptive prefix, is applied, e. g., Kenosha Summit, Dallas Divide, Cochetopa Pass.

"Summit" and "divide" are not as widely employed in this state as is "pass" because, although the terms are broadly similar, their meanings are in many respects quite distinct. For example, "summit" and "divide" are not used at the crossing places of stream divides of the first magnitude, i. e., the Continental Divide, nor in the loftier mountain ranges such as the Sangre de Cristo, the Medicine Bows and the Elk mountains, which separate major streams of the eastern and western slopes. Moreover, these terms are largely employed at the places where railroads, rather than roads, at some time or other have crossed high divides.

The passes are, therefore, at considerable elevations and are confined generally to the more formidable mountain ranges which comprise the vast mountain empire of Colorado.

The majority of the passes bear the name of either one of the approaching streams; other names of passes are derived from surrounding physical

This list includes only some of the more important lakes and reservoirs in the state. There are hundreds of small lakes in the mountains, many of which have no names. On Battlement mesa and Grand mesa, in Delta and Mesa counties, there are more than a hundred comparatively small lakes lying at an altitude above 8,000 feet, all well stocked with trout. The census reported 1,071 reservoirs in Colorado in 1940.

features, such as mountains, and still others bear the name of some prominent figure in Colorado history. There are a large number of depressions in the mountain ranges which have never become passes because it has never been found feasible or necessary to construct routes over them.

There are 136 passes in Colorado, a number bearing eloquent testimony to the barrier-like effect of the Rockies, most of whose numerous mountain members have a north-south alignment—athwart the main lines of travel in western United States. Fifty-one of these passes have the distinction of being Continental Divide passes, but of this number only fourteen have any considerable present-day use, even during the summer. Berthoud pass is the most intensively used automobile highway. Tennessee pass, with its trans-continental railway (the Denver and Rio Grande Western) as well as year-round automobile traffic, also deserves a high position among the state's renowned passes. Argentine pass is the state's highest pass, but Independence pass is the highest automobile highway pass in use today. Fall River pass is also an important pass at a high elevation, but this pass is not on the Continental Divide, though frequently confused with Milner pass, near it on the Divide. The lowest Continental Divide pass is Muddy pass in the Rabbit Ears range.

The tables published herewith present in summary form the more significant information relating to the passes of Colorado. Although probably not complete and perhaps incorrect in some details, the list represents the results of field, map and documentary study extending over a considerable period of time. In the accompanying tables, the passes are arranged in alphabetical order to aid the reader in finding any desired pass.

ALTITUDE AND LOCATION OF MOUNTAIN PASSES  
(Compiled by Dr. Ralph H. Brown, University of Minnesota)

| Name of Pass            | Counties            | Name of Range            | Elevation in Feet | Earliest Known Use | Character of Present Use              |
|-------------------------|---------------------|--------------------------|-------------------|--------------------|---------------------------------------|
| Altman or Alpine Tunnel | Chaffee-Gunnison    | Sawatch Mountains        | 11,606            | 1888               | Abandoned Railroad Tunnel             |
| Antelope                | Gilpin              | Front                    | 8,100             | 1900               | Railroad                              |
| Anthracite              | Gunnison            | Elk-West Elk             | 9,500*            | 1916               | Trail                                 |
| Arapahoe                | Jackson-Grand       | Park-Rabbit Ears         | ---               | 1870               | Trail                                 |
| Arapahoe                | Boulder-Grand       | Front                    | 11,905            | 1900               | Trail                                 |
| Argentine               | Clear Creek-Summit  | Front                    | 13,132            | 1872               | Trail                                 |
| Avalanche               | Pitkin              | Elk-West Elk             | 10,000*           | 1926               | Trail                                 |
| Baker                   | Jackson-Grand       | Park-Rabbit Ears         | 11,300*           | 1905               | Trail                                 |
| Baxter                  | Garfield            | ---                      | 9,500*            | ---                | Trail                                 |
| Beckwith                | Gunnison            | Elk-West Elk             | 9,890             | 1900               | Trail                                 |
| Berthoud                | Clear Creek-Grand   | Front                    | 11,314            | 1861               | Highway                               |
| Big Horn                | Mineral             | San Juan Group           | 12,000*           | ---                | Trail                                 |
| Blue Lake               | Ourray              | San Juan Group           | 11,000*           | 1917               | Trail                                 |
| Bonita                  | Rio Grande-Mineral  | San Juan Group           | 12,000*           | ---                | Trail                                 |
| Boreas                  | Park-Summit         | Front                    | 11,482            | 1888               | Railroad and Abandoned Road           |
| Bottle                  | Grand               | Front                    | 9,800*            | 1880               | Trail                                 |
| Buchanan                | Boulder-Grand       | Front                    | 12,304            | 1902               | Trail                                 |
| Buckskin                | Pitkin              | Elk                      | 12,800*           | ---                | Trail                                 |
| Buffalo                 | Routt-Jackson       | Park-Rabbit Ears         | 10,180            | 1865               | Trail                                 |
| Buffalo                 | Park-Lake           | Park-Mosquito            | 11,500*           | 1870               | Trail                                 |
| Cameron                 | Larimer-Jackson     | Medicine Bow             | 10,285            | 1878               | Highway                               |
| Cebolla                 | Hinsdale            | San Juan Group           | 10,934            | ---                | Trail                                 |
| Cinnamon                | Hinsdale-San Juan   | San Juan Group           | 12,300            | 1878               | Abandoned Road                        |
| Cochetopa (South)       | Saguache            | Cochetopa Hills          | 10,032            | 1820               | Highway                               |
| Cochetopa (North)       | Saguache            | Cochetopa Hills          | 10,000*           | 1880               | Trail                                 |
| Columbine               | La Plata            | San Juan Group           | 12,600*           | 1902               | Trail                                 |
| Columbine               | Montrose            | ---                      | 8,500*            | ---                | Trail                                 |
| Comanche                | Custer-Saguache     | Sangre de Cristo-Culebra | 10,500*           | ---                | Trail                                 |
| Cottonwood              | Chaffee-Gunnison    | Sawatch Mountains        | 12,000*           | 1887               | Trail                                 |
| Cucharas                | Las Animas-Huerfano | Sangre de Cristo-Culebra | 8,500*            | 1877               | Road                                  |
| Cumbres                 | Conejos             | San Juan Group           | 10,025            | 1881               | Highway                               |
| Curecanti               | Gunnison            | Elk-West Elk             | 10,000*           | ---                | Trail                                 |
| Currant Creek           | Park                | ---                      | 8,000*            | 1877               | Road                                  |
| Daisy                   | Gunnison            | Elk-West Elk             | 11,200*           | 1910               | Trail                                 |
| Devil's Thumb           | Boulder-Grand       | Front                    | 11,900            | ---                | Trail                                 |
| Eagle                   | La Plata            | San Juan Group           | 10,750            | 1900               | Trail                                 |
| East Maroon             | Gunnison-Pitkin     | Elk-West Elk             | 12,200*           | ---                | Trail                                 |
| East River              | Gunnison            | Elk-West Elk             | 11,163            | 1880               | Road                                  |
| Electric                | Pitkin              | Elk                      | 13,400*           | ---                | Trail                                 |
| Elwood                  | Rio Grande          | San Juan Group           | 12,000*           | ---                | Trail                                 |
| Fall River              | Larimer             | Front                    | 11,797            | ---                | Highway                               |
| Fawn Creek              | Grand               | Front                    | 9,430             | ---                | Railroad                              |
| Fremont                 | Lake-Summit         | Front                    | 11,318            | 1888               | R. R. and Highway                     |
| French                  | Summit-Park         | Front                    | 12,067            | ---                | Trail                                 |
| Georgia                 | Park-Summit         | Front                    | 11,598            | 1860               | Abandoned Road                        |
| Gore                    | Grand               | Park-Rabbit Ears         | 9,000*            | ---                | Highway                               |
| Gunshot                 | Grand               | Park-Rabbit Ears         | 9,500*            | ---                | Trail                                 |
| Hagerman                | Lake-Pitkin         | Sawatch Mountains        | 11,495            | 1878               | Highway in old R. R. Tunnel           |
| Halfmoon                | Saguache            | Cochetopa Hills          | 12,712            | ---                | Trail                                 |
| Hancock                 | Chaffee-Gunnison    | Sawatch Mountains        | 12,263            | 1888               | Trail                                 |
| Hayden                  | Fremont-Saguache    | Sangre de Cristo-Culebra | 10,780            | 1878               | Trail                                 |
| Hoosier                 | Park-Summit         | Park-Rabbit Ears         | 11,541            | 1860               | Highway                               |
| Hunchback               | San Juan            | San Juan Group           | 12,487            | 1880               | Trail                                 |
| Illinois                | Jackson-Grand       | Park-Rabbit Ears         | 10,000*           | ---                | Trail                                 |
| Imogene                 | Ourray-San Miguel   | San Juan Group           | 13,116            | ---                | Trail                                 |
| Independence            | Lake-Pitkin         | Sawatch Mountains        | 12,095            | 1879               | Highway                               |
| Indian Camp             | Garfield            | ---                      | 9,000*            | ---                | Trail                                 |
| Jones                   | Clear Creek-Grand   | Front                    | 12,453            | 1860               | Trail                                 |
| Kebler                  | Gunnison            | Elk-West Elk             | 10,000*           | ---                | Road                                  |
| Kenosha                 | Park                | Kenosha Mountain         | 10,001            | ---                | Highway-Railroad                      |
| Lake Creek              | Chaffee-Gunnison    | Sawatch Mountains        | 12,226            | 1872               | Trail                                 |
| La Manga                | Conejos             | San Juan Group           | 10,000*           | ---                | Highway                               |
| La Poudre               | Grand-Larimer       | Front                    | 10,193            | 1900               | Trail and Irrigation Ditch            |
| La Veta                 | Costilla            | Sangre de Cristo-Culebra | 9,382             | 1877               | Highway                               |
| Lizard Head             | Dolores-San Miguel  | San Juan Group           | 10,000*           | ---                | R. R. and Highway                     |
| Los Pinos               | Saguache            | Cochetopa Hills          | 10,500*           | ---                | Highway                               |
| Lou Creek               | Gunnison-Ourray     | San Juan Group           | 11,260            | 1912               | Trail                                 |
| Loveland                | Clear Creek-Summit  | Front                    | 11,992            | 1888               | Projected Highway                     |
| Lulu                    | Jackson-Grand       | Park-Rabbit Ears         | 11,400*           | 1905               | Trail                                 |
| Manzanares Creek        | Huerfano-Costilla   | Sangre de Cristo-Culebra | 9,000*            | 1880               | { Trail North Side<br>Road South Side |
| Marcellina              | Gunnison            | Elk-West Elk             | 10,400*           | ---                | Road                                  |

\*Approximate elevation in feet.

## ALTITUDE AND LOCATION OF MOUNTAIN PASSES—Continued

| Name of Pass     | Counties            | Name of Range            | Elevation in Feet | Earliest Known Use | Character of Present Use            |
|------------------|---------------------|--------------------------|-------------------|--------------------|-------------------------------------|
| Marshall         | Saguache            | Sawatch Mountains        | 10,846            | 1877               | Railroad                            |
| McClure          | Gunnison-Pitkin     | Elk                      | 9,500*            | ---                | Trail                               |
| Meadows          | Rio Grande          | San Juan Group           | 10,300            | ---                | Trail                               |
| Medano           | Huerfano-Saguache   | Sangre de Cristo-Culebra | 10,150            | 1850               | Trail                               |
| Milner           | Grand-Larimer       | Front                    | 10,759            | 1900               | Highway                             |
| Minnesota        | Gunnison            | Elk-West Elk             | 10,000*           | ---                | Trail                               |
| Molas Lake       | San Juan            | San Juan Group           | 10,000*           | ---                | Highway                             |
| Monarch          | Chaffee-Gunnison    | Sawatch Mountains        | 11,318            | 1880               | Highway                             |
| Monument         | Gunnison            | San Juan Group           | 11,000*           | ---                | Trail                               |
| Mosca            | Huerfano-Saguache   | Sangre de Cristo-Culebra | 9,713             | 1850               | { Road East Side<br>Trail West Side |
| Mosquito         | Park-Lake           | Park-Mosquito            | 13,188            | 1875               | Abandoned Road                      |
| Muddy            | Jackson-Grand       | Park-Rabbit Ears         | 8,772             | 1875               | Highway                             |
| Mummy            | Larimer             | Front                    | 11,700*           | ---                | Trail                               |
| Music            | Huerfano-Saguache   | Sangre de Cristo-Culebra | 11,800            | 1878               | Trail                               |
| North Cochetopa  | Saguache            | Cochetopa Hills          | 10,000*           | 1880               | Trail                               |
| Ohio             | Gunnison            | Elk-West Elk             | 10,033            | 1900               | Trail                               |
| Ophir            | San Juan-San Miguel | San Juan Group           | 11,350            | 1888               | Trail                               |
| Owl Creek        | Gunnison-Ouray      | San Juan Group           | 11,120            | 1919               | Trail                               |
| Pass Creek       | Huerfano            | Sangre de Cristo-Culebra | 9,200*            | 1850               | Road                                |
| Pearl            | Gunnison-Pitkin     | Elk-West Elk             | 12,715*           | 1890               | Trail                               |
| Poncha           | Chaffee-Saguache    | Sangre de Cristo-Culebra | 9,010             | 1800               | Highway                             |
| Ptarmigan        | Grand               | Park-Rabbit Ears         | 11,000*           | ---                | Trail                               |
| Rabbit Ears      | Jackson-Routt-Grand | Park-Rabbit Ears         | 9,680             | 1895               | Highway                             |
| Railroad         | Mineral             | San Juan Group           | 12,000*           | ---                | Trail                               |
| Raton            | Las Animas          | ---                      | 7,834             | 1846               | Highway and R. R.                   |
| Red Mountain     | Ouray-San Juan      | San Juan Group           | 11,018            | 1881               | Highway                             |
| Rogers           | Gilpin-Grand        | Front                    | 11,900*           | 1902               | Trail                               |
| Rollins          | Boulder-Grand       | Front                    | 11,680            | 1860               | Trail and Railroad                  |
| Sand Creek       | Larimer             | Medicine Bow             | 9,000*            | ---                | Passable Road                       |
| San Francisco    | Las Animas          | ---                      | 8,600*            | ---                | Trail                               |
| San Francisco    | Las Animas          | Sangre de Cristo-Culebra | 8,560             | ---                | Trail                               |
| Sangre de Cristo | Costilla            | Sangre de Cristo-Culebra | 9,459             | 1800               | Abandoned Road                      |
| Schofield        | Gunnison            | Elk-West Elk             | 10,000*           | 1885               | Road                                |
| Scotch Creek     | Dolores-San Miguel  | San Juan Group           | 10,500*           | ---                | Abandoned Road                      |
| Silver           | Mineral             | San Juan Group           | 12,000*           | ---                | Trail                               |
| Skull Creek      | Moffat              | ---                      | 8,700*            | ---                | Road                                |
| Spring Creek     | Hinsdale            | San Juan Group           | 11,025            | 1878               | Road                                |
| Squaw            | Clear Creek         | Front                    | 9,807             | ---                | Highway                             |
| Stillwater       | Grand               | Park-Rabbit Ears         | 10,000*           | ---                | Trail                               |
| St. Louis        | Grand               | Front                    | 11,500*           | ---                | Trail                               |
| Stony            | San Juan            | San Juan Group           | 12,594            | 1878               | Trail                               |
| Summit           | Rio Grande          | San Juan Group           | 12,000*           | ---                | Trail                               |
| Swampy           | Gunnison            | Elk-West Elk             | 10,365            | 1900               | Trail                               |
| Tarryall         | Park                | Front                    | 12,456            | ---                | Road                                |
| Taylor           | Gunnison            | Elk-West Elk             | 12,500*           | ---                | Trail                               |
| Taylor           | Gunnison-Pitkin     | Elk-West Elk             | 12,400*           | 1882               | Trail                               |
| Tennessee        | Lake-Eagle          | Front                    | 10,424            | 1873               | R. R. and Highway                   |
| Tincup           | Chaffee-Gunnison    | Sawatch Mountains        | 12,000*           | 1880               | Trail                               |
| Triangle         | Pitkin-Gunnison     | Elk                      | 12,700*           | ---                | Trail                               |
| Trimble          | La Plata            | San Juan Group           | 13,076            | 1902               | Trail                               |
| Troublesome      | Jackson-Grand       | Park-Rabbit Ears         | 10,000*           | ---                | Trail                               |
| Trout Creek      | Park-Chaffee        | Park-Mosquito            | 9,346             | 1875               | Highway                             |
| Twin Creek       | Teller              | ---                      | 8,200*            | ---                | Road                                |
| Ute              | Teller              | ---                      | 7,600             | Before             | Road                                |
| Ute              | Routt-Jackson       | Park-Rabbit Ears         | 11,100*           | 1875               | Trail                               |
| Ute              | Grand               | Front                    | 9,800*            | 1880               | Trail                               |
| Ute              | Larimer-Jackson     | Medicine Bow             | 10,500*           | 1878               | Trail                               |
| Vasquez          | Clear Creek-Grand   | Front                    | 11,850*           | 1862               | Trail                               |
| Venable          | Custer-Saguache     | Sangre de Cristo-Culebra | 10,500*           | ---                | Trail                               |
| Veta             | Costilla            | Sangre de Cristo-Culebra | 9,100*            | 1880               | Railroad                            |
| Victor           | Teller              | ---                      | 10,202            | ---                | Railroad                            |
| Warm Spring      | Park                | Park-Mosquito            | ---               | 1910               | Trail                               |
| Webster          | Park-Summit         | Front                    | 12,102            | 1900               | Trail                               |
| Weminucke        | Hinsdale            | San Juan Group           | 10,622            | ---                | Trail                               |
| West Maroon      | Gunnison-Pitkin     | Elk-West Elk             | 12,400*           | ---                | Trail                               |
| Weston           | Park-Lake           | Park-Mosquito            | 12,109            | 1875               | Abandoned Road                      |
| Wilkerson        | Park                | Tarryall                 | 9,525             | ---                | Highway                             |
| Willow Creek     | Jackson-Grand       | Park-Rabbit Ears         | 9,683             | 1878               | Highway                             |
| Wolf Creek       | Mineral-Archuleta   | San Juan Group           | 10,850            | 1888               | Highway                             |
| Yellowjacket     | La Plata            | ---                      | 8,000*            | 1915               | Trail                               |
| Yellowjacket     | Rio Blanco          | ---                      | 7,400*            | 1877               | Road                                |
| Yellowjacket     | Routt               | ---                      | 7,500*            | ---                | Road                                |

\*Approximate elevation in feet.

**DAMS IN COLORADO: HEIGHT, LENGTH AND VOLUME, AND RANK AMONG DAMS IN THE UNITED STATES, APRIL 1, 1941**

134 dams with a volume of 510,000 cubic yards or more. See text, "Dams in Colorado" for additional information.

| Name                              | River         | Purpose         | Maximum Height (Feet) | Crest Length (Feet) | Rank   |      | Volume (Cu. Yds.) | Constructed by              |
|-----------------------------------|---------------|-----------------|-----------------------|---------------------|--------|------|-------------------|-----------------------------|
|                                   |               |                 |                       |                     | Height | Size |                   |                             |
| Cartier Lake <sup>1</sup>         | (Offstream)   | Irr.            | 200                   | 1,500               | 91     | ..   | ..                | U. S. Bureau of Reclamation |
| Cherry Creek <sup>2</sup>         | Cherry Creek  | P. C.           | 50                    | 3,500               | ..     | 116  | 1,000,000         | City of Denver              |
| Cherry Creek <sup>3</sup>         | South Platte  | W. S.           | 232                   | 710                 | 58     | ..   | 103,000           | U. S. Bureau of Reclamation |
| Cheesman                          | Colorado      | Irr.            | 288                   | 720                 | 31     | ..   | 2,650,000         | U. S. Bureau of Reclamation |
| Granby                            | Colorado      | Irr.            | 223                   | 940                 | ..     | 11   | 2,650,000         | U. S. Bureau of Reclamation |
| Granby <sup>4</sup>               | Colorado      | Irr., P.        | 274                   | 1,060               | 37     | 19   | 24,450,000        | U. S. Bureau of Reclamation |
| Green Mountain <sup>5</sup>       | Blue          | Irr., P.        | 150                   | 15,600              | ..     | 7    | 12,000,000        | U. S. Army Engineers        |
| John Martin (Caddoa) <sup>6</sup> | Arkansas      | F. C.           | 200                   | 1,150               | 83     | 53   | 2,400,000         | City of Denver              |
| Ralston Creek                     | Ralston Creek | W. S.           | 113                   | 6,630               | ..     | 34   | 3,250,000         | Denver Reservoir            |
| Standley Lake                     | South Platte  | Irr.            | 204                   | 650                 | 81     | 110  | 1,107,570         | U. S. Bureau of Reclamation |
| Taylor Park                       | Taylor        | Irr.            | 143                   | 4,050               | ..     | 25   | 3,726,726         | U. S. Bureau of Reclamation |
| Vallecito <sup>6</sup>            | Pine          | Irr.            | 430                   | 1,170               | 5      | ..   | ..                | U. S. Bureau of Reclamation |
| Wagon Wheel Gap <sup>7</sup>      | Rio Grande    | Irr., F. C., P. | ..                    | ..                  | ..     | ..   | ..                | ..                          |

<sup>1</sup>P. C.—Flood Control; P—Power; Irr.—Irrigation; W. S.—Water Supply.

<sup>2</sup>3,500,000 earth, 950,000 rock.

<sup>3</sup>Includes 1,174 feet spillway and 2,826 feet concrete dam.

<sup>4</sup>Construction authorized but not started, as of April 1, 1941.

<sup>5</sup>Under construction.

### DAMS IN COLORADO

A compilation of important dams in the United States prepared by the U. S. Bureau of Reclamation as of April 1, 1941, includes twelve in Colorado as among those of outstanding size or height. Of 91 dams listed as to height, the Wagon Wheel Gap project on the Rio Grande river, on which construction had been authorized but not started as of the date named, ranks fifth, the plans calling for a dam 430 feet high. It is exceeded only by the Hetch Hetchy dam in California, which impounds water for the city of San Francisco; the Grand Coulee dam on the Columbia river in Washington; the Shasta dam near Sacramento, Calif., and the Boulder dam on the Arizona-Nevada boundary. It will have a crest length of 1,170 feet, and will provide water for irrigation, flood control and

power. It will be of the variable radius concrete arch type.

Of 134 dams listed as to size as of April 1, 1941, the John Martin (Caddoa) dam on the Arkansas river, which is under construction, ranks seventh. It is a flood control project being built by United States army engineers. The crest length will be 15,600 feet, including 1,174-foot spillway and 2,826 feet of concrete rock. Its volume will be 12,000,000 cubic yards, and is exceeded in this respect by only six others in the United States and the Canal Zone.

A table published herewith gives the names, location, maximum height, crest length and volume of the 12 Colorado dams included in the two lists. Additional information on these dams and other projects in Colorado are found in a chapter on "Water Development" published elsewhere in this volume.

## Notable Tunnels in Colorado

### Underground Bores for Railroads, Mine Drainage and Exploration, and Highways, Names, Location, Description

THE propensity of man to battle and overcome natural barriers in his path of progress is illustrated in Colorado by the many miles of tunnels which have been constructed to level railroad grades through the mountains, convey water from the rivers to the valleys for irrigation purposes, recover the minerals in the earth and to generate hydro-electric power for industrial and domestic uses. Some of the mining districts in the state, such as Cripple Creek and Leadville, are literally honeycombed with underground tunnels, shafts, entries and drifts, while in some of the older coal mining areas the sub-surface workings extend for miles in all directions like the radiating streets of a city. Rivers have been diverted through mountain ranges in order that their waters might be harnessed for the use of tillers of the soil, or to supply the domestic needs of a city or town, and mighty streams have been conquered and controlled so that their power might be used in the mines and the mills. Mountains that were barriers to transportation routes have been penetrated and trains that could not go over them now go through them.

The Cripple Creek mining district in Teller county is one of the country's most notable examples of man's mole-like tendencies. The underground shafts and workings aggregate approx-

imately 1,000 miles and would extend, if connected in one continuous line, from Denver to Chicago. The Portland mine alone has more than 100 miles of underground workings. The Vindicator mine has 60 miles and the Cresson 50 miles. There are several others which rank close to the two last named.

The Denver & Salt Lake (Moffat) railroad, which runs westward from Denver directly through the main range of the Rockies, is a notable example of the use of tunnels to reduce grades for economical transportation purposes. In a distance of 232 miles between Denver and Craig it goes through 52 tunnels with an aggregate length of 56,618 feet, or 10.7 miles, including the Moffat tunnel. The Denver & Rio Grande Western has 16 tunnels with an aggregate length of 11,030 feet, exclusive of tunnels on the Rio Grande Southern railroad.

It is next to impossible to compile a record of all the tunnels that have been driven in Colorado, even if such a list would be of any great value, but there are many that stand out as among the notable borings of the world. The more important of these are described as follows:

The Moffat tunnel was cut under a shoulder of James peak, 50 miles west of Denver, for the purpose of eliminating heavy railroad grades over the

Continental Divide and shortening railroad distances. It is a public improvement constructed by the Moffat Tunnel Improvement district, created by the state legislature on April 29, 1922. It was named in honor of David H. Moffat, a pioneer banker and railroad builder, to whom is given the credit for having originated the undertaking.

The Moffat Tunnel commission is composed of the following members: Thomas S. Iles of Craig, Samuel M. January of Denver, Donald D. Scheib of Denver, William J. Bennett of Arvada and Charles H. Leckenby of Steamboat Springs. The members are elected by the taxpayers of the district.

The district includes Denver, Grand, Moffat and Routt counties and portions of Gilpin, Jefferson, Eagle, Adams and Boulder counties. The cost of the tunnel was approximately \$18,000,000, of which the major part was defrayed by the proceeds of four bond issues totalling \$15,470,000, and the remainder from profits from concessions.

The tunnel is 6.4 miles long, 24 feet in height and 18 feet in width. A pioneer tunnel bored parallel with the main tunnel to facilitate the work is eight feet high and eight feet wide.

The pioneer tunnel was officially "holed" through on February 18, 1927, the blast of dynamite being set off by President Coolidge upon pressing a key in Washington, and the program being broadcast to the country by radio from the heart of the mountain.

This tunnel is under lease to the city of Denver, which operates it as a trans-mountain water diversion project that transports water through it to the eastern slope of the range. The railroad tunnel was "holed" through on July 7, 1927, and formally turned over completed to the lessee on February 26, 1928. The railway tunnel has been leased to the Denver & Salt Lake Railway company for 50 years. Railroad connections through the tunnel shorten the distance between Denver and the Pacific coast by 176 miles.

The project involved the excavation of 750,000 cubic yards, or 3,000,000,000 pounds of rock, equal to 1,600 freight trains of 40 cars each; 2,500,000 pounds of dynamite discharged; 700 miles of drill holes; 800,000 pounds of drill steel; 11,000,000 F. B. M. timber, equivalent to more than 2,000 miles of 1 by 12-inch plank; and the use of 28,000,000 K. W. H. electric power.

The Gunnison tunnel is located in Montrose county, near the town of that name, in western Colorado, and was constructed by the United States

Reclamation service as a part of the Uncompahgre reclamation project, at a cost of \$2,905,317. It is 30,645 feet, or 5.8 miles long and is the shape of a horseshoe, being 10 feet wide at the base and 12.4 feet high at the center of the arch. The elevation is 6,433 feet above sea level at the upper end and it is 2,157 feet under ground at the apex. It diverts water from the Gunnison river into the Uncompahgre river basin. F. C. Lauzon, who for a number of years had been a miner, is credited with the conception of the idea out of which the project grew. Mr. Lauzon claimed that the idea came to him in a dream. At the time of its completion it was rated as the longest irrigation tunnel in the world. Work started on the project in January, 1905, and its completion was celebrated on September 23, 1909, when President Taft, accompanied by a party of distinguished people, touched a golden plate attached to a silver bell that was electrically equipped to open the headgate and release the waters of the river into the tunnel. Its construction was attended with a number of dramatic and difficult events. A year after work started it encountered a seam carrying warm water surcharged with carbonic acid gas, which caused a suspension of operations for six months until a shaft for ventilation purposes could be constructed. At 2,000 feet it went through a geological fault and work went ahead in a highly saturated atmosphere at a temperature of 90 degrees Fahrenheit. Cloudbursts and water streams hindered the work at several intervals.

The Carlton tunnel was constructed to drain water from the lower levels of mines in the Cripple Creek district so the production of gold could be continued at greater depths. It is a private enterprise undertaken by the Golden Cycle corporation and cost approximately \$1,150,000. Construction began July 18, 1939, and the project was completed August 15, 1941. The main tunnel is 32,927 feet long and averages in size nine by nine feet. The principal mines drained and their depths at the time of its completion were the Ajax, 2,573 feet; Portland, 2,995 feet; Cresson, 2,400 feet; and the Vindicator, 2,100 feet. All of them will be in excess of 3,000 feet in depth when the tunnel level is reached. Several notable records were established in its construction, the principal ones made by the tunnel crews being 78 feet in one day and 1,787 feet in one month. Considerable engineering skill was required to handle the water en-

countered when objectives were reached. A flow of 25,000 gallons per minute was struck on February 13, 1941, and another in excess of 100,000 gallons per minute on September 10, 1941. The portal of the tunnel is eight and one-half miles south of Cripple Creek on a southwest shoulder of Pikes peak. The elevation of the portal is 6,890 feet above sea level. The main tunnel is approximately 1,110 feet below the Roosevelt tunnel, which was constructed for a similar purpose and is described under that name in this chapter.

**The Frederick mine**, near Valdez in Las Animas county, owned and operated by the Colorado Fuel & Iron corporation, has 154,000 feet, or 29.15 miles, of underground tunnels, or entries as they are known in the industry, the workings having two entries, one for the intake and the other for the return. It is one of the largest, if not the largest, coal mine in the state.

**The Busk-Ivanhoe tunnel** is located across the boundary between Lake and Pitkin counties, west of Leadville. It penetrates the Sawatch mountain range and connects the Atlantic and Pacific slopes of the Continental Divide, a distance of 9,394 feet. The elevation is 10,810 feet above sea level at Busk and 10,944 feet at Ivanhoe, and at the time of its construction it was the second highest tunnel in the world. It was driven almost entirely through granite and cost \$1,250,000. Thirty men were killed in the progress of the work. It was started on August 1, 1890, as a private enterprise, the promoters expecting to lease or sell it to the Colorado Midland railway, which had been completed in 1889 from Colorado Springs by way of Ute pass and Leadville to New Castle. The tunnel saved 530 feet in elevation and seven miles in distance for the railroad. The project was a financial failure, the promoters having undertaken its construction without a contract for its use by the railroad and the latter subsequently bought it at a fractional part of its original cost. The railroad, in turn, was unprofitable and passed into the hands of a private owner, who junked most of it during the world war. On May 13, 1922, he quit-claimed the right-of-way for that portion of the railroad abandoned to the state highway department for highway purposes, title in the tunnel itself not being transferred. State highway No. 104 now runs through the tunnel.

**The Yak tunnel**, in the Leadville mining district in Lake county, was constructed for drainage, transporta-

tion and development purposes in connection with deep mining. It goes from California Gulch eastward below Iron and Breece hill and emerges near the London mine in Park county. The elevation is 10,333 feet and its length is four miles. The venture was started by A. A. Blow and at first was known as the Blow tunnel. Construction started in 1886 and it was completed in 1910. It is seven feet wide and seven feet high.

**The Newhouse, or Argo tunnel** as it is now known, is located at Idaho Springs, in Clear Creek county, and was constructed for mining development purposes. It is eight feet wide and eight feet high and 4.16 miles long. Hand work started on it in September, 1893, and machines were installed the following January. It was completed on November 17, 1910.

**The Shoshone tunnel** is located near Glenwood Springs, in Garfield county, the intake being 12 miles above Glenwood Springs on the Colorado river. It was constructed in 1906-1910 by the Central Colorado Power company to generate electricity by water power and now belongs to the Public Service company of Colorado. Tunnelling was through granite for the entire distance. It is 12 feet wide and 16.8 feet high. The total length is 12,453 feet and the cost, exclusive of the concrete lining, was \$927,653.

**The Laramie-Poudre tunnel**, which was constructed for the purpose of diverting water from the Laramie river to be used in irrigating 125,000 acres of land in Larimer and Weld counties, is located near Home, in Larimer county, the intake being on the east bank of the Laramie river near the mouth of West Fork. It is seven and one-half feet wide and nine and one-half feet high and 11,306 feet long. It cost approximately \$500,000, including an open cut 1,100 feet long on the western end. It has a capacity of 1,000 cubic feet of water per second. The water taken from the Laramie river and diverted through the tunnel empties into the Cache la Poudre river. Construction began on August 25, 1902, and was completed on July 20, 1911. It is sometimes called the Greeley-Poudre tunnel.

**The Lucania tunnel**, at Idaho Springs, in Clear Creek county, was constructed for mine development and transportation purposes. It was started in the fall of 1901 and up to January 1, 1911, had been driven 6385 feet. The projected length is 12,000 feet. The size of the tunnel is eight feet square.

**The Big Five, or Central tunnel**, at Idaho Springs, Clear Creek county,

constructed for mine drainage and transportation purposes, is 9,000 feet long. It is 12 feet wide by eight feet high for a distance of 2,500 feet and the remainder is five feet wide by seven feet high.

The Rawley tunnel at Bonanza, Sa-guache county, was started on May 27, 1911, and completed in October, 1912. It is eight feet wide, seven feet high and 6,600 feet long. It was constructed for mine drainage and development purposes.

The Marshall-Russell tunnel, which was constructed for mine drainage, transportation and development purposes, is located at Empire, in Clear Creek county. Construction work started in October, 1901, and it was completed in 1912. It is eight feet wide, nine feet high and 6,700 feet long.

The Roosevelt tunnel is located in the Cripple Creek district in Teller county and was constructed to drain gold mines in the district. It is 10 feet wide, six feet high and 14,167 feet long. It cost \$386,421. Work started on it in June, 1907, and it was finished to the extent that the first drainage had begun in 1910. A second tunnel, 1,110 feet deeper, was completed in 1941 and is described under "The Carlton tunnel" above.

The Jones Pass tunnel, also known as the Williams Fork tunnel, is located on the boundary between Grand and Clear Creek counties and crosses the Continental Divide under Jones pass. Construction of the tunnel proper was started in May, 1937, and completed at a cost of approximately \$1,100,000 in December, 1939. It was constructed as a unit of the sewage disposal works of the city and county of Denver, and 45 per cent of the cost was financed by the federal government through a

PWA grant, the remaining 55 per cent being financed by Denver through part of a bond issue voted by the people. The tunnel is approximately three miles long, has a diameter of seven feet on a horseshoe-type section, and a capacity of 275 second-feet of water. The water diverted from the upper basin of the Williams Fork river on the western slope of the divide, collected by means of diversion dams, ditches and catch-basins and 19,000 feet of welded steel pipe lines, is diverted into the west portal of the tunnel at an elevation of 10,400 feet, and flows into the Platte river.

Continental Divide tunnel—In June, 1940, work was commenced on a trans-mountain water diversion tunnel 13.1 miles in length, to bring surplus waters from the Colorado River basin under the Continental Divide to tributaries of the South Platte river. It is the largest unit of the Colorado-Big Thompson project under construction by the United States Reclamation service, and when completed will be the longest in the United States to be driven from two headings. Excavation of the first 8,000 feet from the east portal was completed on April 2, 1941. Contract was let on February 3, 1941, for an additional 7,000 feet of tunnel and 14,639 feet of concrete invert. Contract was awarded on June 20, 1940, for first 6,600 feet from the west portal.

Among the tunnels listed in Bulletin 57 of the United States Bureau of Mines, by David W. Brunton and John A. Davis, but not included in the above are:

| Name            | Location          | Length |
|-----------------|-------------------|--------|
| Burleigh.....   | Silver Plume..... | 3,000  |
| Carter.....     | Ohio City.....    | 7,600  |
| Gold Links..... | Ohio City.....    | 3,900  |
| Raymond.....    | Ohio City.....    | 3,200  |
| Sawatch.....    | Leadville.....    | 5,000  |
| Stillwell.....  | Telluride.....    | 2,500  |

## Thermal Springs of Colorado

### Locations, Qualities of Waters and Present Use

THE mineral and thermal springs of Colorado, many of which are acknowledged to possess highly curative powers, have been reported upon by numerous authorities, dating back to the Hayden survey in 1867. Dr. R. D. George and others in Bulletin No. 11 of the Colorado Geological survey, published in 1920, list and describe 254 springs in the state, including nearly all the thermal springs, and give analyses of the water of 202 of these. The United States Geological

survey published in 1937 a paper on the thermal springs of the country which contains a summary of the approximate extent to which the springs had been developed for economic use by 1936. Of 1,059 springs reported upon in the United States, 45 were in Colorado. Seventeen of these were developed as resorts, 16 were used for bathing, irrigation or water supply, and 12 were not used. Colorado ranked seventh among the states of the Union in this summary, being exceeded in the

number of springs only by Wyoming (including the Yellowstone national park), California, Idaho, Nevada, Montana and Utah.

Arthur Lakes, in a study of the geology of Colorado hot springs, published in 1905, says that nearly all of the hot springs of the state are in the mountains, either on the flanks or more generally deep into the heart of the ranges. They are all associated with areas of great disturbance, sometimes characterized by more or less volcanic activity. Some of the rocks in which they occur are metamorphic or show signs of incipient metamorphism; a few are strictly igneous and volcanic. The springs derive their heat more from the great depth of their fissures, or latent heat caused by faulting or folding of the rocks than from direct volcanic source. A favorite zone in Colorado for the occurrence of both hot and cold springs charged with carbonic and sulphurated hydrogen gas is at the line of juncture between the Dakota Cretaceous sandstone and the overlying Benton or Colorado Cretaceous shale. In all cases the springs occur where these rocks have been highly tilted and disturbed. In some cases they are hot and in others cold, but in all cases they are highly charged with sulphureted hydrogen and other gases. The heat of the thermal springs may be derived from latent volcanic bodies, from the great depth of the fissures, or from heat produced by chemical reaction of the ingredients of the springs.

The Steamboat Springs group, near the town of that name in Routt county, is the greatest group in Colorado as reported by the U. S. Geological survey, there being about 150 springs. These springs have a discharge of approximately 2,000 gallons of water per minute, or at the rate of 2,880,000 gallons a day. Glenwood Springs has the largest discharge of any in the state, the output being 3,000 gallons a minute or 4,320,000 gallons a day. Poncha Springs, in Chaffee county, with 100 springs in the group, has a range of temperature from 80 to 168 degrees, the latter being the highest for the thermal springs of the state. Subsequent to the publication of this report, the city of Salida has purchased Poncha Springs and now pipes the water to the municipality, where it is used for a bathing pool in summer months and for sweat baths throughout the year.

A table is published herewith listing the thermal springs in the state which in 1936 were developed for economic use, their location, geology,

temperature, approximate discharge and description.

### MINERAL WATERS

In addition to the numerous thermal (hot) springs in Colorado discussed in this chapter, the state is well supplied with mineral springs of low temperatures. The waters of many of these are sold for domestic purposes, for medicinal and table waters and for use in the manufacture of soft drinks. The United States bureau of mines gathered statistics on the sale of these waters for many years, but discontinued them in 1924 on account of the difficulty of compiling reliable figures. The latest figures available (1923) gave the annual total value of mineral waters sold for the specified uses as \$110,144. These figures do not include waters developed and used on the premises of manufacturing concerns and not sold as such, nor the large quantities distributed free of cost at the springs' sites. The industry has shown tremendous gains in recent years and some of the better known waters now are bottled under trade marks and extensively marketed in the western part of the United States.

An exhaustive study of the mineral waters of the state was made by the Colorado Geological Survey and published in 1920 as Bulletin No. 11, edited by Dr. R. D. George, state geologist, Harry A. Curtis, O. C. Lester, James K. Crook, J. B. Yoe, and others. This bulletin listed 254 springs or groups of springs (including the thermal springs) in the state with analyses of the mineral content of many of them. In a general discussion of these springs, it says most of the mineral waters of Colorado are classed as alkaline-saline, there being a few which are classed as alkaline and a few as saline.

A typical alkaline spring listed has the following constituents, reacting value in percentages: sulphate, .53; bicarbonate, 48.45; chloride, 1.02; calcium, .71; magnesium, 1.02; potassium, 2.92; sodium, 45.35. A typical saline spring showed the following percentages: sulphate, 6.94; bicarbonate, .52; chloride, 42.54; iron, .09; calcium, 26.02; magnesium, .45; potassium, .33; sodium, 23.11.

There was for a time a widespread popular interest in radium and radioactivity elements in the springs of the state due to the presence of large bodies of radioactive ores known to exist in their vicinity. Numerous tests proved the existence of these elements in many waters and radium emanation in some of these in the form of gases was quite apparent. Some of these were developed for commercial uses.

**THERMAL SPRINGS IN COLORADO DEVELOPED FOR ECONOMIC USE IN 1936; LOCATION, DESCRIPTION, ETC.**

Note--This table does not include a number of cold springs producing highly mineralized water, some of which, like the Manitou springs, are developed for economic use. The temperatures are given in degrees Fahrenheit. The normal body temperature of an adult is 98.4 degrees. Boiling point is 212 degrees.

| No. on Map | Name                    | County     | Location   | Geology  | Temperature | Approximate Discharge (Gals. a Minute) | Remarks  |
|------------|-------------------------|------------|--|--|-------------|--|--|
| 1          | Agua Caliente Spring    | Conejos    | 2 miles southwest of Capulin                         | Alluvium near Quaternary lava  | 90          | 50                                     | Irrigation.  |
| 2          | Alkali Springs          | Delta      | Austin, between Cold Sulphur Spring and State Bridge | Dakota (?) sandstone   | 72          | 5                                      | Several small springs; not used.   |
| 3          | Avalanche Springs       | Pitkin     | Near Avalanche, 12 miles south of Carbonate          | Diorite; area of Permian and pre-Permian Carboniferous sedimentary rocks cut by diorite intrusion                        | 112-134     | 200                                    | 5 springs, for 1/4 mile along Rock Creek (Crystal River); bathing.                       |
| 4          | Big Dotsero Spring      | Eagle      | 1 1/2 miles below Dotsero                            | Carboniferous blue sandy limestone   | 84          | 400                                    | Bathing.   |
| 5          | Cebolla Hot Springs     | Gunnison   | Cebolla Creek, 6 miles south of Powderhorn           | Pre-Cambrian granite, gneiss, and schist intruded by dikes   | 84-115      | 100                                    | 20 springs in 2 groups; resort. Also called Ojo de los Caballos.                         |
| 6          | Cement Creek Spring     | Gunnison   | 5 miles southeast of Crested Butte                   | Limestone, near pre-Cambrian granite   | 83          | 40                                     | Not used; has formed mound of travertine.  |
| 7          | Chamberlain Hot Springs | Saguache   | 6 miles south of Villa Grove                         | Ancient sedimentary rocks overlain by lava   | 116-133     | 50                                     | 30 springs; resort; tufa deposits.   |
| 8          | Cottonwood Springs      | Chaffee    | 6 miles west of Buena Vista                          | Near contact between pre-Cambrian granite and great monzonite intrusion  | 120-144     | 150                                    | 5 springs; camping ground. Also called Buena Vista Hot Springs.                          |
| 9          | Dexter Spring           | Conejos    | 12 miles east of La Jara                             | Mesozoic sedimentary rocks   | 71          | 5                                      | Not used.  |
| 10         | Geyser Warm Spring      | San Miguel | Placerville  | Faulted and fissured zone in Cretaceous and Carboniferous sediments; issue from limestone, but granite at moderate depth | 94          | 5                                      | Bathing.   |
| 11         | Glenwood Springs        | Garfield   | Glenwood Springs                                     |  | 106-125     | 3,000                                  | Many springs; resort. Issue from bed and bank of Colorado River; outlet formerly higher. |

## THERMAL SPRINGS IN COLORADO DEVELOPED FOR ECONOMIC USE IN 1936; LOCATION, DESCRIPTION, ETC.—Continued

(Source: United States Geological Survey)

Note—This table does not include a number of cold springs producing highly mineralized water, some of which, like the Manitou springs, are developed for economic use. The temperatures are given in degrees Fahrenheit. The normal body temperature of an adult is 98.4 degrees. Boiling point is 212 degrees.

| No. on Map | Name                    | County      | Location                         | Geology   | Temperature | Approximate Discharge (Gals. a Minute) | Remarks   |
|------------|-------------------------|-------------|----------------------------------|---|-------------|--|---|
| 12         | Hartsel Hot Springs     | Park        | 25 miles east of Leadville       | Near contact of granite and Mesozoic sedimentary rocks.   | 105-134     | 10                                     | 5 springs; resort   |
| 13         | Hot Sulphur Springs     | Grand       | Hot Sulphur Springs              | Near contact of Cretaceous sedimentary rocks with pre-Cambrian granite and gneiss.                          | 90-118      | 40                                     | About 25 springs; resort; sanitarium; strong sulphur odor; tufa deposits.           |
| 14         | Idaho Springs           | Clear Creek | Idaho Springs                    | Issue from fissures near contact of aynite with gneiss.   | 98-108      | 50                                     | Several springs; resort.  |
| 15         | Iron Spring             | Dolores     | $\frac{3}{4}$ mile north of Rico | Permian sandstone and shale.  | 82          | 30                                     | Limonite deposit; not used.   |
| 16         | Juniper Hot Springs     | Moffat      | 25 miles west of Craig           | Cretaceous sedimentary rocks near Juniper Mountain uplift   | 105         | 25                                     | Several springs; resort.  |
| 17         | McIntyre Warm Springs   | Conchos     | 8 miles east of La Java          | Issue from crevices in Quaternary lava  | 62          | 600                                    | Several springs; irrigation. Formerly Los Ojos Springs.                             |
| 18         | Moffat Spring           | Boulder     | 12 miles southwest of Boulder    | Juncture of impervious marly beds of Jurassic with underlying quartzite beds of Triassic; noted for faults. | 84          | 12                                     | Moffat Lakes resort.  |
| 19         | Mound Soda Spring       | Park        | 20 miles northwest of Parkdale   | Granite   | 70          | ---                                    | Not used.   |
| 20         | Mount Princeton Springs | Chaffee     | 3 miles west of Nathrop          | Contact of white felspathic granite with great monzonitic mass  | 98-150      | 50                                     | About 35 springs; resort. Formerly Heywood Hot Springs and Chalk Creek Hot Springs. |
| 21         | Orvis Hot Spring        | Ouray       | 2 miles southeast of Ridgway     | Alluvium, underlain by faulted rocks of Pennsylvanian age.  | 132         | 300                                    | Bathhouse and pool. Irrigation. Formerly called Ridgway Hot Springs.                |
| 22         | Ouray Hot Springs       | Ouray       | Ouray                            | Issue from faulted limestone of Hermosa formation (Pennsylvanian)   | 100-158     | 200                                    | 3 groups; resort; 2 sanitariums and municipal pool.                                 |
| 23         | Pagosa Hot Springs      | Archuleta   | Pagosa Springs                   | Fissure zone in closely folded Cretaceous shale of Colorado group   | 110-160     | 600                                    | Several springs; resort. Large deposit of sinter.                                   |
| 24         | Pinkerton Springs       | La Plata    | 14 miles north of Durango        | Paleozoic formations, near pre-Cambrian rocks   | 87-95       | 8                                      | 5 large springs and several small ones; resort.                                     |
| 25         | Poncha Springs          | Chaffee     | Poncha Springs                   | Granite   | 80-168      | 500                                    | About 100 springs; piped to Salida; tufa deposits.                                  |

|    |                         |            |  |   |         |       |  |
|----|-------------------------|------------|--|---|---------|-------|--|
| 26 | Red Creek Springs       | Pueblo     | 12 miles southwest of Pueblo             | Contact of sedimentary rocks and pre-Cambrian gneiss  | 59-73   | 5     | 5 springs; local use; tufa deposits. Also called Parnassus Springs.                |
| 27 | Rhodes Spring           | Park       | 8 miles southwest of Fairplay            | Alluvium  | 79      | 300   | Local use.   |
| 28 | Routt Hot Springs       | Routt      | 7 miles north of Steamboat Springs       | Fractured gneiss near contact with granite  | 150     | 60    | Picnic ground.   |
| 29 | Shaw's Spring           | Rio Grande | 6 miles north of Del Norte               | Tertiary sandstone, near igneous rocks  | 88      | 10    | Local use.   |
| 30 | Steamboat Springs       | Routt      | Steamboat Springs                        | Issue from folded and faulted Dakota (?) sandstone; near contact with pre-Cambrian Crystalline rock | 103-150 | 2,000 | Greatest group in Colorado. About 150 springs; resort; tufa deposits.              |
| 31 | Trimble Springs         | La Plata   | 9 miles north of Durango                 | Paleozoic and mesozoic rocks, folded and fissured   | 90-110  | 50    | 5 springs; resort. Large mound of tufa.  |
| 32 | Tripp Springs           | La Plata   | 10 miles north of Durango                | Cretaceous sandstone  | 90-95   | 50    | Several springs. Bathhouse and pool.   |
| 33 | Valley View Hot Springs | Saguache   | 7 miles southeast of Villa Grove         | Quartzite in granitic area  | 87-99   | 300   | 5 springs; local use.  |
| 34 | Wagon Wheel Gap Springs | Mineral    | Wagon Wheel Gap                          | Granite cut by dikes  | 105-150 | 100   | 3 springs; resort.   |
| 35 | Warm Sulphur Spring     | Archuleta  | 7 miles east of Chromo                   | Cretaceous sediments overlain by lava   | 80      | ---   | Not used.  |
| 36 | Waunita Hot Springs     | Gunnison   | 28 miles east of Gunnison                | Sandstone, probably Paleozoic   | 140-160 | 1,000 | More than 100 springs in 2 groups 1/2 mile apart. Also called Tomichi Hot Springs. |
| 37 | Wellsville Warm Spring  | Fremont    | 5 miles northwest of Howard              | Carboniferous rocks   | 94      | 150   | Local use.   |
| 38 |                         | Pitkin     | 16 miles by trail south of Aspen         | Decomposed granite  | 90      | 500   | 1 spring; not used.  |
| 39 |                         | Gunnison   | 10 miles east of Somerset                | Cretaceous sandstone  | 90      | 3     | 4 springs; not used.   |
| 40 |                         | Gunnison   | 6 miles southeast of Crested Butte       | Cretaceous limestone  | 100     | 1,800 | 1 spring; not used.  |
| 41 |                         | Dolores    | 7 miles north of Rico                    | Cretaceous limestone  | 110     | 20    | 1 spring; local use.   |
| 42 |                         | Mineral    | 26 miles northeast of Pagosa Springs     | Granite   | 100-120 | 50    | 2 springs; not used.   |
| 43 |                         | Archuleta  | 30 miles by trail west of Pagosa Springs | Limestone, probably of Carboniferous age  | 120     | 3     | 5 small springs; camping ground.   |
| 44 |                         | Archuleta  | 12 miles northeast of Pagosa Springs     | Shale of Colorado group overlain by lava  | 78      | ---   | 1 spring; not used.  |
| 45 |                         | Archuleta  | 3 miles southeast of Pagosa Springs      | Shale of Colorado group (Upper Cretaceous)  | 120     | ---   | 1 spring; not used.  |

## Climatological Data

### Temperatures, Precipitation, Humidity, Wind Velocity, Thunderstorms, Snowfall, Glaciers, Denver Weather, Weather Records, Growing Seasons

COLORADO is noted for its rare and exhilarating atmosphere. Visitors arriving in the state from low altitudes often feel a tendency to run, jump and indulge in other exercises. This is due to the fact that the atmosphere exerts less pressure against the body than in localities where it is more dense. The feeling is very much like that of having a load lifted from the body, and that is, in fact, what takes place.

Normal atmospheric pressure at sea level is 14.7 pounds to the square inch. In other words, that is the pressure exerted against the body by the weight, or density, of the atmosphere. The greater the altitude above sea level, the lighter becomes the pressure. The atmospheric pressure in Denver is only 83 per cent of that at sea level, or 12.2 pounds to the square inch. Denver is 5,280 feet above sea level. Wagon Wheel Gap is 9,200 feet above sea level. Atmospheric pressure at that point is only 72 per cent of that at sea level, or 10.5 pounds to the square inch. Denver's atmospheric pressure is 85 per cent of that at Indianapolis, Springfield and points of approximately the same altitude, and only 84 per cent of the average of the eight principal cities approximately on the same parallel due east from Denver to the Atlantic sea coast.

A person breathes more deeply in a light atmosphere than in a locality where it is more dense, in order to fill the lungs with the quantity of oxygen necessary for the body. This is done automatically, without conscious effort, and causes all parts of the lungs to expand to full capacity. That is why climatic conditions in Colorado are considered especially beneficial to persons with a tendency toward pulmonary troubles. In lower altitudes parts of the lungs may lie dormant in persons of sedentary habits and thereby become susceptible to disease.

#### TEMPERATURE

There is a wide variation in the normal monthly and annual mean temperature in different areas of the state, due to the high and low altitudes and other factors. It is apparent to a casual observer that it is much colder upon the top of a high mountain than

in the lower plains. Altitude, therefore, is one factor. Exposed areas are more susceptible, also, to varying conditions than areas protected from severe winds by surrounding mountains. Because of these varying conditions, a general statement concerning the temperature of the state conveys little meaning. Records maintained by the weather bureau over a period of 54 years give the state a mean temperature of 45.2 degrees. In this period of time the highest temperature recorded was 115 degrees, in 1888, and the lowest was 54 degrees below zero, in 1913 and again in 1930 and 1933. At Fraser the month of January shows an average of 11.4 degrees, compared with 31.2 degrees at Lamar, while July averages 53.1 degrees, compared with 78.7 degrees at Lamar.

A table is published in this volume showing normal monthly and annual mean temperatures at 78 stations in as many different localities, which affords more comprehensive information upon the subject. Another table gives the mean temperature at 59 stations in Colorado for 1941 with departure from normal, and another table shows the highest and lowest temperatures recorded at these stations during the year and the dates of their occurrence.

#### PRECIPITATION

The average annual precipitation in the state as a whole, based on records over a period of 54 years, is 16.50 inches. Like the temperature, however, there is considerable variation in different areas. Heavy rainfalls, equaling or exceeding 0.25 inches in one hour, occur at Denver on an average of four times a year; at Pueblo, six times; and at Grand Junction, two times, and these usually result from thunderstorms. A rainfall of one inch or more in 24 hours is probable at Denver and Pueblo about twice a year, and at Grand Junction once in two years. Heavy rains are most apt to occur in eastern Colorado in late spring and in midsummer, but at Grand Junction October has two-fifths of all such occurrences. At higher elevations the season with rains is shorter and as a consequence there does not appear to be much difference

in the number of rainfalls of one inch or more per day.

A table is published herewith giving the normal montly and annual precipitation in inches at 77 stations in all sections of the state, and the length of record in years. Another table gives the precipitation in inches in 1941 at 59 stations and the departure from normal. A third table shows the greatest and least monthly precipitation during 1941 at the same stations and the dates of their occurrence.

| Month       | Denver | Pueblo | Grand Junction | Cheyenne |
|-------------|--------|--------|----------------|----------|
| January ..  | 6.4    | 6.0    | 5.1            | 10.9     |
| February .. | 6.7    | 7.6    | 4.9            | 10.5     |
| March ....  | 7.5    | 9.1    | 6.0            | 12.4     |
| April ..... | 7.6    | 9.8    | 6.9            | 12.1     |
| May .....   | 8.1    | 9.1    | 7.0            | 11.1     |
| June .....  | 6.7    | 8.0    | 7.2            | 10.0     |
| July .....  | 7.2    | 8.0    | 6.7            | 8.3      |
| August .... | 6.8    | 7.3    | 6.3            | 9.0      |
| September . | 7.5    | 7.9    | 6.9            | 10.6     |
| October ... | 6.4    | 7.3    | 5.8            | 10.0     |
| November..  | 7.4    | 7.4    | 4.8            | 12.6     |
| December..  | 7.5    | 8.2    | 5.0            | 11.8     |
| Annual ..   | 7.1    | 8.0    | 6.0            | 10.8     |

**HUMIDITY**

Relative humidity of the atmosphere has no effect on the temperature but does have an important effect on the sensitiveness of the human body to the temperature. Colorado has a relatively low humidity and for that reason a person does not feel cold or hot weather to as great an extent as he would in a place where the humidity is high. Relative humidity is the ratio of the vapor actually present in the atmosphere to the greatest amount the air could possibly contain at a given temperature. Complete saturation is designated as 100 per cent humidity. Relative humidity at Denver at 11:30 a.m. over a period of years averages 45 per cent. In other words, the air at Denver at noon contains on an average only 45 per cent of the moisture it could possibly contain.

Moist air is cold air, and moisture in the air takes heat away from the body. The greater the amount of moisture in the air, the colder a given temperature will feel. That explains why the people residing in Colorado do not feel cold temperature to as great an extent as people residing in areas of relative high humidity.

**THUNDERSTORMS**

Thunderstorms occur on an average of 50 times a year over the greater portion of the state. They are most frequent in summer, particularly in July, averaging from 10 to 14 times in each summer month. They rarely occur from November to February and none has ever been recorded over most of the state in January.

**VELOCITY OF WINDS**

The average velocity of winds in miles per hour in Denver, Pueblo and Grand Junction, Colo., and Cheyenne, Wyo., in 1941, as recorded by the weather bureau, by months and for the year, is as follows:

The average hourly velocity and the maximum velocity in miles per hour in the specified cities in 1941 and the date upon which the maximum was recorded are as follows:

|                  | Average | Maximum | Date    |
|------------------|---------|---------|---------|
| Denver .....     | 7.1     | 36      | Mar. 9  |
| Pueblo .....     | 8.0     | 49      | Dec. 4  |
| Grand Junction.. | 6.0     | 34      | Nov. 17 |
| Cheyenne .....   | 10.8    | 44      | Mar. 9  |

A summary of wind conditions over a period of years, based on anemometer recordings of the weather bureau and published in the interest of aviation, is as follows:

On the average the wind velocity equals or exceeds 20 miles per hour at Denver on 143 days in the year, at Pueblo on 120 days, and at Grand Junction on 87 days. The period of greatest frequency appears to be from March to July, generally reaching a maximum in May. A wind velocity of 40 or more miles per hour occurs, on the average, seven times a year at Pueblo and between two and three times at Grand Junction. At Denver, when the anemometer was 172 feet above the ground, such a velocity occurred about 12 times a year, but at 113 feet above the ground only four or five times per year. Wind velocities of 60 or more miles per hour have been recorded at Denver and Pueblo only about once in 10 and 20 years, respectively, while at Grand Junction none has ever been recorded exceeding 56 miles per hour. A 14-year record from the summit of Pikes peak, elevation above 14,000 feet, shows an average velocity of 22 miles per hour, ranging from an average of 27 miles per hour in March to 14 miles per hour in July. In one year the wind attained a velocity of 40 miles per hour on 234 days; while the highest ever recorded was 112 miles per hour.

The highest velocity of the wind recorded in Denver over a period of 51 years was 53 miles an hour, measured on the Beaufort wind scale, on May 1, 1902. A higher record, as measured on the anemometer, occurred on August 6, 1877, computed at 58 miles an hour

However, if reduced to true velocity, it falls below the record established in 1902.

The Beaufort scale, which is now used by the weather bureau, designates wind velocity as follows:

| Designation | Miles Per Hour |
|-------------|----------------|
| Calm        | Less than 1    |
| Light       | 1 to 7         |
| Gentle      | 8 to 12        |
| Moderate    | 13 to 18       |
| Fresh       | 19 to 24       |
| Strong      | 25 to 38       |
| Gale        | 39 to 54       |
| Whole gale  | 55 to 75       |
| Hurricane   | Above 75       |

A comparison of the average and highest true velocity of winds in Denver and other cities in the United States, is as follows:

| City                  | Average | High |
|-----------------------|---------|------|
| Denver                | 7       | 53   |
| Atlanta               | 10      | 51   |
| Boston                | 10      | 73   |
| Chicago               | 11      | 65   |
| Galveston             | 11      | 71   |
| Mt. Washington, N. H. | 27      | 188  |
| New York              | 15      | 73   |
| Omaha                 | 9       | 73   |

#### SNOWFALL IN THE MOUNTAINS

Visitors to the high mountain passes in Colorado in the spring and early summer are often surprised by the enormous banks of snow which they may observe. These snow banks are of almost incalculable value not only to Colorado but to adjoining states. They are mostly deposited during the winter months and form a moisture reserve that feeds numerous small streams flowing in all directions. These streams combine into creeks which broaden out into rivers that flow into the Pacific ocean and the Gulf of Mexico, forming the principal rivers in Wyoming, Nebraska, Kansas, New Mexico and Utah.

The quantity of snow required to maintain the flow of these streams during the entire year as it gradually melts is difficult to comprehend. Some idea may be formed, however, from the measurements of river discharges, made by the government. The Arkansas river had a mean or average discharge of 786 cubic feet of water per second at Pueblo over a period of about nine years. That is equal to an average of approximately 21,236,000 gallons of water an hour, and the Arkansas is only one of the numerous rivers which have their origin in the mountains of Colorado.

The area of greatest snowfall in Colorado, as shown by actual measurements under the direction of the weather bureau, is at Ruby, in Gunnison county, at an elevation of 9,850

feet above sea level. The average annual snowfall at that point over a period of nine years was 463.1 inches, or 38.6 feet a year. The second highest annual average was reported by the station at Savage basin, in San Miguel county, which has an elevation of 11,522 feet. Over a period of 15 years it has averaged 400.2 inches a year. The lowest recorded average for the state is at Utleyville, in Las Animas county, elevation 5,000 feet, where the average over a period of five years was 11.1 inches. Another area of light falls of snow is in the Grand and Gunnison valleys in western Colorado, the average for Grand Junction, Fruita and Delta being about 22 inches annually. Records of snowfall do not indicate the volume of precipitation, as temperature is a factor. The quantity of moisture precipitated in the form of snow is, however, of great importance as it becomes the principal source of supply of water in a later season. The snow drifts into canons and ravines, where it packs and is gradually released by the warm sun during the spring and summer months.

The precipitation of unmelted snow in the state as a whole averages 78.3 inches per year, based on record of 40 years. The average number of days per year with a snowfall of five inches or more is at Denver, two; at Pueblo, one; and at Grand Junction once in two years. A ten-year record at Ruby, in Gunnison county, shows that five inches or more of snow falls in 24 hours on an average of 37 times annually. Snow is on the ground continuously at Ruby on an average from October 18 to May 30; the average of maximum winter depth is 121 inches and the extreme depth 254 inches. On the average a measureable amount of snow remains on the ground at Denver 54 days in the year and at Grand Junction 32 days.

A table published herewith gives the location, elevation, average annual snowfall and number of years for which records were compiled of 75 stations in Colorado.

Another table gives the total snowfall in inches at 59 stations in 1939.

#### GLACIERS

Colorado has numerous lakes which were formed ages ago by glaciers moving slowly down from high elevations in the mountains to the valleys below. These glaciers, which were composed of great masses of snow compressed into solid ice through the processes of melting and freezing under heavy pres-

sure, gradually cut their way over the terrain by means of the rocks and pebbles imbedded in them, until their progress was stopped by natural forces. The ice gradually melted in the reservoirs thus formed and became the lakes of today, still fed through the channels they had cut to their destination in the ancient past.

Most of the glaciers have long since passed away, but there remain in the state a number which attract national attention. There are six of these in the Roosevelt national forest about 30 miles west of Boulder, in what is known as the Boulder glacier region. The largest and best known of these is Arapahoe glacier, between North and South Arapahoe peaks, which rise to an altitude of 13,500 feet.

The Arapahoe glacier in a former geological age extended down toward the plains, but now is confined to an area a mile or more in length, nearly a mile in width and estimated to be from 100 to 500 feet in depth. The area was known for a long time as a field of perpetual snow. To Eben G. Fine is credited the discovery of the true nature of the field. In attempting to climb the peak, he found where the previous winter's snows had blown away, leaving bare ice exposed and revealing cracks, crevices and folds which left no doubt that the formation was glacial in character.

High on the mountain side is a large crevice which separates the stationary ice from the moving body. Measures taken over a period of years show that the ice pack moves at the rate of 11 feet at the outer edges and 27½ feet in the center, per year. At the foot of the peak is a chain of lakes lying in basins gouged out by the moving masses of ice. Five other glaciers are located in the same area, the next best known being the St. Vrain glacier on the east side of Mt. Hiamovi, supposed to contain the oldest ice in the group. The ice now melting in current years was deposited as snow many centuries ago.

**DENVER WEATHER CONDITIONS**

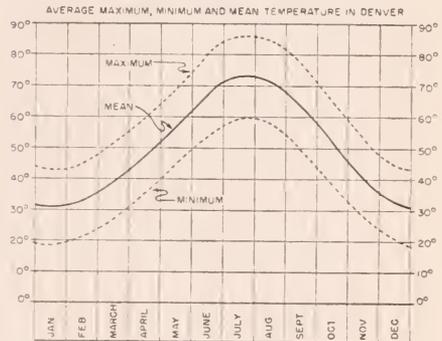
Denver, being close to the center of the state and of approximately the same altitude as the principal cities, furnishes a fairly accurate index of weather conditions in Colorado. A table compiled by the United States weather bureau, shows the average climatic data for Denver from 1872 to 1941, inclusive, a period of 70 years.

The average temperature in degrees Fahrenheit in Denver for the 70 years is as follows:

| Month     | Max. | Min. | Av.  |
|-----------|------|------|------|
| January   | 42.7 | 18.4 | 30.6 |
| February  | 44.8 | 21.0 | 32.9 |
| March     | 51.4 | 27.2 | 39.3 |
| April     | 59.7 | 35.4 | 47.6 |
| May       | 69.0 | 44.6 | 56.8 |
| June      | 80.2 | 53.5 | 66.9 |
| July      | 85.6 | 59.4 | 72.5 |
| August    | 84.3 | 58.2 | 71.3 |
| September | 76.5 | 49.3 | 62.9 |
| October   | 64.7 | 38.3 | 51.4 |
| November  | 52.5 | 27.8 | 40.2 |
| December  | 44.4 | 20.4 | 32.4 |
| Annual    | 63.0 | 37.8 | 50.4 |

The highest temperature recorded in Denver during the 70 years was in August, 1878, when the thermometer registered 105 degrees, and the lowest was in January, 1875, when the temperature dropped to 29 degrees below zero. The thermometer never reached zero from April to September, inclusive, in the 66 years, and went below zero in October only one, in 1917, when it dropped to 2 degrees below. In 1888 the thermometer rose to 76 degrees in January.

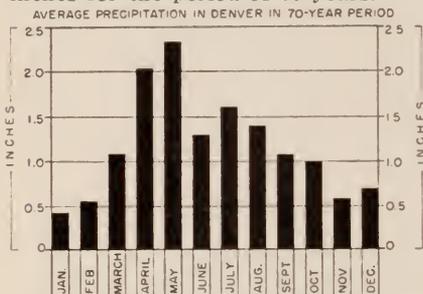
The following chart shows the average maximum and minimum mean temperature over a period of 70 years, the solid black line being the average by months, and the dotted lines above and below, the maximum and minimum mean temperature by months.



The average yearly rainfall in Denver during the 70 years was 14.07 inches. January is the driest month of the year, with February, November and December following in the order named, the precipitation averaging 1 inch or less per month five months out of the year. April and May are the months of greatest precipitation, with July, August and June following in the order named. The maximum precipitation recorded in any 24-hour period during the 70 years was 6.53 inches in May, 1876, and the maximum for any year was 22.96 inches, in 1909. The average snowfall is 55.7 inches. March,

December and April in the order named being the months showing the heaviest records.

On July 14, 1912, a total of 0.91 inch of rain fell in Denver in five minutes, the absolute maximum over a period of years. On the same day 1.36 inches fell in ten minutes, 1.54 inches in 15 minutes and 1.72 inches in 30 minutes. A rainfall of 2.20 inches in one hour occurred on May 23, 1921. On May 21 and 22, 1876, a total of 6.53 inches of rain fell in 24 hours, the maximum over a period of 70 years. The following chart shows the average monthly precipitation in inches for the period of 70 years.



The sun shines 40.3 per cent of daylight time in Denver as shown by the records over a period of 70 years. The sky is clear on an average of 147 days out of every 365 and is cloudy only 66 days. It is partly cloudy 152 days in the year.

The following table shows the average number of clear, partly cloudy and cloudy days in Denver with comparative figures for 19 specified cities:

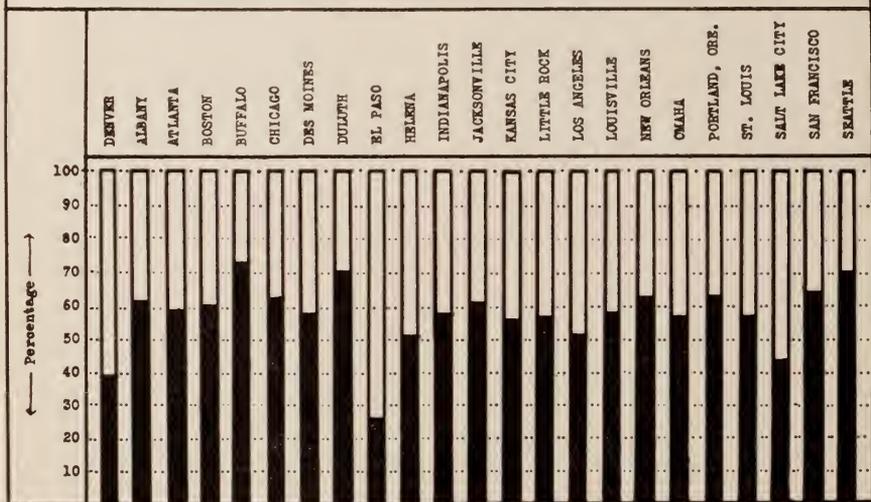
|                | Clear | Partly Cloudy | Cloudy |
|----------------|-------|---------------|--------|
| Denver         | 147   | 152           | 66     |
| Atlanta        | 132   | 108           | 125    |
| Boston         | 118   | 118           | 129    |
| Buffalo        | 71    | 136           | 165    |
| Chicago        | 118   | 126           | 121    |
| Des Moines     | 120   | 124           | 121    |
| Helena         | 107   | 130           | 123    |
| Indianapolis   | 104   | 128           | 133    |
| Jacksonville   | 127   | 141           | 97     |
| Kansas City    | 153   | 114           | 98     |
| Little Rock    | 145   | 110           | 110    |
| Los Angeles    | 179   | 131           | 55     |
| Louisville     | 119   | 121           | 125    |
| New Orleans    | 123   | 140           | 102    |
| Omaha          | 134   | 124           | 107    |
| Portland, Ore. | 92    | 102           | 171    |
| St. Louis      | 139   | 123           | 103    |
| Salt Lake City | 153   | 111           | 101    |
| San Francisco  | 167   | 115           | 83     |
| Seattle        | 75    | 112           | 178    |

WEATHER IN 1941

Two tables are published herewith showing precipitation and mean temperature, with departure from normal, at 59 stations in the state in 1941, the highest and lowest temperatures, with the dates of their occurrence, the greatest and least monthly precipitation and the total snowfall. Another table shows the number of rainy days, sky conditions, prevailing direction of the wind and total snowfall for 1941 at these stations.

The outstanding feature of the state's weather for 1941 was its abnormal precipitation, which exceeded all other annual amounts in the entire history of Colorado climatology. This amount, 22.47 inches, a mean for more than 130 stations, exceeds the normal by 5.97 inches. Temperatures averaged so near the normal over the state that designation of regions with deficiencies or excesses is almost meaningless.

AVERAGE RELATIVE HUMIDITY (PER CENT) AT NOON IN 23 TYPICAL CITIES



NORMAL MONTHLY AND ANNUAL MEAN TEMPERATURE IN DEGREES FAHRENHEIT  
(Source: United States Weather Bureau)

| PLACE                  | COUNTY      | Length of Rec. Yrs.* | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|------------------------|-------------|----------------------|------|------|------|------|------|------|------|------|-------|------|------|------|--------|
|                        |             |                      |      |      |      |      |      |      |      |      |       |      |      |      |        |
| Alamosa                | Alamosa     | 10                   | 17.1 | 23.4 | 34.7 | 42.4 | 50.4 | 58.9 | 63.7 | 62.7 | 55.7  | 44.8 | 30.6 | 20.3 | 42.1   |
| Akron                  | Washington  | 14                   | 24.9 | 28.5 | 36.4 | 45.2 | 56.6 | 67.0 | 74.1 | 71.1 | 63.6  | 50.5 | 36.0 | 27.9 | 48.5   |
| Arriba                 | Lincoln     | 23                   | 27.0 | 30.0 | 37.1 | 46.1 | 55.2 | 65.8 | 72.1 | 70.4 | 62.1  | 50.5 | 37.6 | 28.6 | 48.5   |
| Aspen                  | Pitkin      | 13                   | 19.1 | 22.5 | 30.2 | 39.9 | 47.9 | 55.9 | 62.2 | 60.8 | 53.8  | 43.7 | 30.1 | 23.5 | 40.8   |
| Boulder                | Boulder     | 45                   | 32.3 | 33.5 | 39.9 | 48.3 | 56.6 | 64.7 | 71.6 | 70.6 | 63.0  | 52.1 | 41.5 | 33.4 | 50.6   |
| Buena Vista            | Chaffee     | 33                   | 23.0 | 26.8 | 33.3 | 40.2 | 48.8 | 56.7 | 61.1 | 59.0 | 53.3  | 43.7 | 32.4 | 23.1 | 41.8   |
| Burlington             | Kit Carson  | 37                   | 27.9 | 32.0 | 39.2 | 48.2 | 55.1 | 68.4 | 72.5 | 71.2 | 63.4  | 52.8 | 39.7 | 29.8 | 50.0   |
| Byers                  | Arapahoe    | 30                   | 28.2 | 31.5 | 39.1 | 47.6 | 56.9 | 68.5 | 75.3 | 72.7 | 64.5  | 52.7 | 38.8 | 31.0 | 50.6   |
| Calhan                 | El Paso     | 33                   | 26.7 | 28.5 | 34.9 | 42.9 | 51.9 | 62.8 | 68.5 | 66.7 | 59.6  | 47.7 | 36.2 | 27.0 | 46.1   |
| Canon City             | Fremont     | 51                   | 35.8 | 36.5 | 43.1 | 51.1 | 59.6 | 69.2 | 74.1 | 71.3 | 65.0  | 54.0 | 43.7 | 36.8 | 53.4   |
| Cedaredge              | Delta       | 40                   | 26.1 | 31.0 | 38.9 | 47.4 | 55.9 | 64.8 | 70.8 | 69.1 | 61.2  | 50.1 | 37.9 | 27.6 | 48.4   |
| Cheyenne Wells         | Cheyenne    | 48                   | 28.5 | 31.3 | 39.1 | 49.2 | 58.6 | 69.1 | 75.0 | 73.7 | 65.5  | 53.0 | 39.9 | 30.0 | 51.1   |
| Collbran               | Mesa        | 39                   | 21.9 | 27.8 | 36.5 | 45.7 | 53.9 | 62.8 | 68.8 | 66.9 | 57.4  | 47.4 | 35.3 | 23.8 | 45.7   |
| Colorado Springs       | El Paso     | 62                   | 28.9 | 30.9 | 37.6 | 45.4 | 54.3 | 63.9 | 68.5 | 67.1 | 59.9  | 49.2 | 38.1 | 30.7 | 47.9   |
| Cortez (Dolores)       | Montezuma   | 28                   | 25.5 | 30.4 | 37.8 | 45.2 | 53.8 | 62.9 | 68.6 | 66.8 | 59.4  | 48.7 | 36.7 | 27.8 | 47.0   |
| Crested Butte          | Gunnison    | 29                   | 12.5 | 15.9 | 22.6 | 32.6 | 43.4 | 52.1 | 57.0 | 55.5 | 47.6  | 36.6 | 24.5 | 14.4 | 34.6   |
| Delta                  | Delta       | 50                   | 24.2 | 32.1 | 41.6 | 50.7 | 57.5 | 68.1 | 74.1 | 71.7 | 63.1  | 50.9 | 37.6 | 26.2 | 50.0   |
| Del Norte              | Rio Grande  | 22                   | 19.9 | 26.2 | 34.2 | 42.2 | 50.9 | 58.4 | 62.8 | 61.3 | 55.2  | 46.0 | 33.1 | 23.0 | 42.8   |
| Denver                 | Denver      | 68                   | 30.6 | 32.8 | 39.3 | 47.6 | 56.7 | 66.9 | 72.5 | 71.3 | 62.9  | 51.4 | 40.1 | 32.4 | 50.4   |
| Dillon                 | Summit      | 30                   | 12.9 | 15.8 | 21.1 | 31.7 | 41.7 | 49.2 | 55.0 | 53.5 | 46.9  | 36.0 | 23.9 | 14.8 | 33.5   |
| Durango                | La Plata    | 47                   | 24.5 | 29.8 | 37.4 | 45.1 | 52.6 | 61.0 | 66.9 | 65.8 | 58.6  | 48.0 | 36.7 | 26.6 | 46.1   |
| Eads                   | Kiowa       | 26                   | 28.1 | 33.3 | 41.1 | 49.4 | 60.4 | 71.1 | 76.5 | 74.6 | 66.9  | 53.6 | 39.8 | 29.1 | 52.0   |
| Estes Park (Near)      | Larimer     | 25                   | 25.1 | 27.8 | 31.7 | 38.9 | 47.3 | 56.0 | 61.8 | 59.7 | 52.9  | 43.9 | 33.4 | 28.2 | 42.2   |
| Fort Collins           | Larimer     | 62                   | 26.0 | 27.8 | 36.2 | 45.7 | 54.6 | 64.1 | 69.2 | 68.0 | 59.5  | 48.1 | 35.9 | 27.2 | 46.9   |
| Fort Morgan            | Morgan      | 44                   | 23.3 | 28.2 | 36.7 | 46.8 | 56.4 | 66.7 | 73.0 | 70.8 | 61.6  | 49.3 | 36.0 | 25.1 | 47.8   |
| Fraser                 | Grand       | 31                   | 11.4 | 15.1 | 21.1 | 31.3 | 40.3 | 48.7 | 53.5 | 52.0 | 45.5  | 35.2 | 22.7 | 13.1 | 32.5   |
| Fruita                 | Mesa        | 41                   | 22.5 | 31.2 | 42.3 | 51.1 | 59.9 | 69.1 | 75.6 | 73.3 | 62.5  | 51.0 | 37.8 | 26.0 | 50.2   |
| Garnett                | Alamosa     | 42                   | 16.7 | 23.7 | 32.4 | 41.2 | 49.4 | 58.2 | 62.9 | 61.2 | 54.5  | 43.5 | 30.1 | 17.9 | 40.9   |
| Glenwood Springs       | Garfield    | 39                   | 23.4 | 28.6 | 37.7 | 46.4 | 54.8 | 62.5 | 68.5 | 67.1 | 59.4  | 48.6 | 35.9 | 25.8 | 46.6   |
| Grand Junction         | Mesa        | 50                   | 25.4 | 33.3 | 43.3 | 52.5 | 61.8 | 72.1 | 78.0 | 75.4 | 66.5  | 53.6 | 40.0 | 27.9 | 52.5   |
| Greeley                | Weld        | 48                   | 24.7 | 28.4 | 37.4 | 47.3 | 56.9 | 66.8 | 72.1 | 70.6 | 61.4  | 49.3 | 36.3 | 25.9 | 48.1   |
| Grover (Near)          | Weld        | 31                   | 25.1 | 28.1 | 34.9 | 44.0 | 53.3 | 63.7 | 70.5 | 68.5 | 60.2  | 48.6 | 36.3 | 27.0 | 46.7   |
| Gunnison               | Gunnison    | 47                   | 7.6  | 13.7 | 26.0 | 39.5 | 48.0 | 56.0 | 61.5 | 59.8 | 52.3  | 41.4 | 27.7 | 12.5 | 37.2   |
| Hayden                 | Routt       | 23                   | 16.7 | 20.9 | 29.5 | 41.7 | 50.9 | 60.0 | 66.4 | 64.5 | 53.4  | 45.4 | 31.1 | 20.2 | 41.7   |
| Hermit (Near)          | Hinsdale    | 38                   | 13.0 | 16.6 | 24.3 | 33.7 | 41.3 | 49.2 | 55.2 | 53.9 | 47.1  | 36.1 | 25.9 | 12.0 | 34.1   |
| Hohne                  | Las Animas  | 30                   | 31.3 | 32.9 | 40.5 | 48.7 | 57.7 | 67.1 | 71.5 | 70.3 | 63.3  | 52.6 | 41.7 | 31.5 | 50.7   |
| Holly                  | Prowers     | 39                   | 30.5 | 34.5 | 43.2 | 52.8 | 62.4 | 72.6 | 77.9 | 76.4 | 68.6  | 56.1 | 41.8 | 31.2 | 54.0   |
| Holyoke                | Phillips    | 29                   | 27.0 | 27.9 | 38.1 | 47.6 | 57.7 | 67.7 | 75.1 | 72.7 | 63.7  | 51.5 | 37.1 | 28.7 | 49.6   |
| Idaho Springs          | Clear Creek | 42                   | 26.6 | 28.0 | 33.2 | 40.1 | 48.2 | 57.8 | 62.4 | 61.4 | 55.0  | 44.8 | 34.4 | 27.9 | 43.3   |
| Ignacio                | La Plata    | 27                   | 22.0 | 28.4 | 36.6 | 44.7 | 52.8 | 61.8 | 67.9 | 65.9 | 58.9  | 47.7 | 35.4 | 26.1 | 45.7   |
| Kassler                | Jefferson   | 27                   | 31.5 | 35.2 | 40.5 | 48.5 | 57.3 | 67.3 | 73.2 | 71.5 | 64.4  | 53.4 | 41.3 | 32.6 | 51.4   |
| Lake Moraine           | El Paso     | 46                   | 20.2 | 20.7 | 24.6 | 31.3 | 39.6 | 49.5 | 53.6 | 52.7 | 47.1  | 37.7 | 28.4 | 21.4 | 36.6   |
| Lamar                  | Prowers     | 50                   | 30.8 | 34.9 | 44.1 | 53.6 | 63.1 | 73.6 | 78.7 | 77.3 | 67.7  | 55.7 | 42.0 | 31.7 | 54.4   |
| Las Animas             | Bent        | 56                   | 27.3 | 32.9 | 42.0 | 51.9 | 62.3 | 72.5 | 77.6 | 75.2 | 66.4  | 53.5 | 38.9 | 29.7 | 52.6   |
| Leadville              | Lake        | 43                   | 17.4 | 19.3 | 24.0 | 32.2 | 39.9 | 50.4 | 56.8 | 54.3 | 48.3  | 37.8 | 27.7 | 20.1 | 35.6   |
| Leroy                  | Logan       | 44                   | 26.2 | 28.5 | 36.2 | 46.1 | 55.8 | 66.0 | 73.0 | 71.8 | 63.0  | 50.4 | 37.2 | 28.1 | 48.5   |
| Limon (Near)           | Elbert      | 30                   | 26.4 | 30.1 | 36.7 | 45.1 | 54.6 | 64.9 | 70.6 | 68.8 | 61.2  | 49.8 | 37.2 | 28.4 | 47.7   |
| Long Branch (Hamps)    | Lincoln     | 47                   | 26.6 | 29.3 | 41.8 | 45.8 | 55.2 | 64.5 | 70.0 | 68.8 | 60.3  | 49.0 | 36.6 | 27.2 | 47.6   |
|                        | Elbert      |                      |      |      |      |      |      |      |      |      |       |      |      |      |        |
| Longmont               | Boulder     | 39                   | 26.4 | 29.6 | 37.7 | 47.3 | 56.3 | 65.6 | 70.9 | 69.1 | 60.7  | 48.8 | 36.6 | 27.5 | 48.0   |
| Manassa                | Conejos     | 34                   | 18.8 | 25.9 | 33.8 | 41.8 | 50.1 | 58.9 | 61.3 | 61.1 | 54.7  | 44.5 | 31.6 | 20.4 | 41.9   |
| Meeker (Near)          | Rio Blanco  | 11                   | 20.7 | 25.7 | 32.0 | 42.6 | 50.2 | 59.7 | 67.3 | 65.4 | 57.1  | 46.1 | 32.7 | 24.2 | 43.6   |
| Mesa Verde Park        | Montezuma   | 18                   | 28.7 | 33.3 | 39.2 | 47.9 | 56.9 | 68.9 | 72.6 | 70.6 | 62.2  | 51.8 | 39.4 | 31.0 | 50.2   |
| Montrose               | Montrose    | 47                   | 24.0 | 31.2 | 39.6 | 48.0 | 56.7 | 66.1 | 71.4 | 69.0 | 61.3  | 49.5 | 36.6 | 26.2 | 48.3   |
| Monument               | El Paso     | 30                   | 26.7 | 28.6 | 33.4 | 41.1 | 50.4 | 60.1 | 66.0 | 64.1 | 57.1  | 46.5 | 35.8 | 28.6 | 44.9   |
| Northdale              | Dolores     | 11                   | 20.4 | 25.8 | 35.2 | 44.0 | 51.8 | 61.1 | 68.0 | 65.9 | 57.5  | 46.0 | 32.3 | 25.2 | 44.4   |
| Pagos Springs          | Archuleta   | 13                   | 17.7 | 22.4 | 32.3 | 42.3 | 47.8 | 56.8 | 63.6 | 62.2 | 55.6  | 43.0 | 35.9 | 20.6 | 41.7   |
| Palisade               | Mesa        | 27                   | 25.5 | 34.4 | 43.5 | 53.4 | 62.5 | 72.5 | 78.0 | 75.6 | 66.7  | 54.1 | 41.2 | 30.1 | 53.1   |
| Paonia                 | Delta       | 35                   | 25.2 | 31.1 | 39.8 | 48.0 | 56.4 | 65.5 | 71.5 | 69.4 | 61.4  | 50.9 | 39.0 | 27.4 | 48.0   |
| Pueblo                 | Pueblo      | 61                   | 30.6 | 33.9 | 41.6 | 49.5 | 60.0 | 70.4 | 75.3 | 73.4 | 65.0  | 52.6 | 40.1 | 31.3 | 52.0   |
| Redvale                | Montrose    | 9                    | 22.6 | 28.3 | 36.4 | 44.8 | 54.0 | 63.2 | 68.0 | 66.4 | 58.6  | 47.8 | 36.8 | 25.4 | 46.0   |
| Rifle                  | Garfield    | 27                   | 21.7 | 29.5 | 38.8 | 48.3 | 56.8 | 65.5 | 71.9 | 69.3 | 60.6  | 48.6 | 36.3 | 25.6 | 47.7   |
| Rocky Ford             | Otero       | 52                   | 29.2 | 33.3 | 41.6 | 51.6 | 60.9 | 70.5 | 75.5 | 73.9 | 64.4  | 53.5 | 39.7 | 30.1 | 52.1   |
| Saguache               | Saguache    | 45                   | 19.2 | 25.8 | 34.5 | 42.9 | 51.1 | 59.6 | 63.1 | 59.9 | 56.1  | 45.7 | 33.1 | 21.1 | 42.7   |
| Salida                 | Chaffee     | 34                   | 27.2 | 29.4 | 36.4 | 43.6 | 51.7 | 60.4 | 63.8 | 64.0 | 57.0  | 46.7 | 36.5 | 27.7 | 45.4   |
| San Luis               | Costilla    | 32                   | 20.8 | 25.6 | 33.8 | 41.7 | 49.6 | 57.9 | 62.6 | 61.4 | 54.8  | 44.4 | 33.4 | 22.0 | 42.3   |
| Sapinero (Near)        | Gunnison    | 36                   | 17.2 | 20.7 | 27.8 | 36.7 | 45.5 | 54.0 | 59.3 | 58.0 | 51.2  | 41.0 | 29.5 | 19.2 | 38.3   |
| Sedgwick               | Sedgwick    | 33                   | 25.0 | 29.3 | 37.5 | 47.7 | 57.8 | 68.8 | 75.8 | 72.5 | 63.1  | 50.4 | 37.3 | 26.2 | 49.3   |
| Silverton No. 2        | San Juan    | 34                   | 16.0 | 19.0 | 24.6 | 32.5 | 41.0 | 49.6 | 55.3 | 53.2 | 47.0  | 37.9 | 22.6 | 17.9 | 35.0   |
| Spicer                 | Jackson     | 28                   | 17.0 | 20.3 | 25.3 | 35.2 | 43.8 | 53.0 | 59.2 | 57.0 | 49.3  | 38.9 | 27.6 | 18.0 | 37.0   |
| Steamboat Springs      | Routt       | 37                   | 13.9 | 17.9 | 26.4 | 38.5 | 48.2 | 55.6 | 61.4 | 59.3 | 52.5  | 41.8 | 28.8 | 16.4 | 38.4   |
| Sterling               | Logan       | 31                   | 24.1 | 29.3 | 37.3 | 47.6 | 57.1 | 67.3 | 73.1 | 71.0 | 62.3  | 50.3 | 36.9 | 25.3 | 48.5   |
| Sunbeam (Near)         | Moffat      | 14                   | 17.6 | 23.2 | 33.3 | 42.9 | 51.9 | 60.7 | 68.2 | 65.2 | 56.4  | 45.1 | 30.9 | 20.1 | 43.0   |
| Telluride (Pandora)    | San Miguel  | 34                   | 20.6 | 23.3 | 28.0 | 36.5 | 44.9 | 53.4 | 58.4 | 56.5 | 51.0  | 41.4 | 30.2 | 22.0 | 38.8   |
| Trinidad               | Las Animas  | 39                   | 33.6 | 36.0 | 41.9 | 49.9 | 58.1 | 67.2 | 71.8 | 70.2 | 63.8  | 53.4 | 41.9 | 33.9 | 51.8   |
| Two Buttes             | Baca        | 43                   | 31.5 | 33.7 | 42.8 | 51.7 | 61.1 | 71.5 | 75.5 | 75.6 | 67.8  | 55.3 | 42.3 | 32.6 | 53.4   |
| Victor                 | Teller      | 27                   | 24.7 | 25.7 | 29.3 | 35.7 | 43.6 | 54.2 | 57.9 | 57.0 | 51.5  | 42.1 | 33.0 | 25.6 | 40.0   |
| Waterdale              | Larimer     | 36                   | 28.2 | 30.0 | 37.7 | 46.6 | 54.8 | 63.8 | 69.0 | 68.1 | 60.5  | 49.2 | 38.1 | 29.4 | 48.0   |
| Westcliffe (Millbrook) | Custer      | 37                   | 24.2 | 26.4 | 33.6 | 41.2 | 49.7 | 58.8 | 63.0 | 61.7 | 55.1  | 44.5 | 33.1 | 24.9 | 43.0   |
| Wray (Vernon)          | Yuma        | 43                   | 28.2 | 30.4 | 39.5 | 49.2 | 58.9 | 69.2 | 75.3 | 73.2 | 64.4  | 52.3 | 39.0 | 29.1 | 50.7   |

\*Period to and including 1940.

COLORADO CLIMATOLOGICAL DATA FOR 1941

(Source: U. S. Weather Bureau)

| PLACE                   | COUNTY     | Elevation<br>(feet) | TEMPERATURE, DEGREES FAHRENHEIT |         |          |        | PRECIPITATION, IN INCHES |                       |                     |       |                  |       |
|-------------------------|------------|---------------------|---------------------------------|---------|----------|--------|--------------------------|-----------------------|---------------------|-------|------------------|-------|
|                         |            |                     | Annual<br>Mean                  | Highest | Date     | Lowest | Date                     | Total for<br>the Year | Greatest<br>Monthly | Month | Least<br>Monthly | Month |
| Akron.....              | Washington | 4,645               | 49.4                            | 96      | *June 20 | -10    | *Dec. 27                 | 21.96                 | 4.05                | July  | 0.10             | †Feb. |
| Alamosa.....            | Alamosa    | 7,546               | 40.1                            | 84      | *July 22 | ..     | Jan. 4                   | 10.74                 | 2.14                | Sept. | 0.04             | †Feb. |
| Boulder.....            | Boulder    | 5,406               | 48.4                            | 93      | July 23  | ..     | Dec. 28                  | 23.99                 | 4.08                | Apr.  | 0.29             | Feb.  |
| Buena Vista.....        | Chaffee    | 7,955               | ..                              | 89      | July 27  | -13    | Dec. 27                  | 10.53                 | 2.70                | Oct.  | ..               | †Feb. |
| Burlington.....         | Kit Carson | 4,160               | 52.0                            | 96      | *July 8  | -2     | Dec. 28                  | 24.08                 | 4.14                | June  | 0.10             | Nov.  |
| Calhan.....             | El Paso    | 6,508               | 47.2                            | 88      | Aug. 2   | -5     | Mar. 12                  | 21.54                 | 4.50                | July  | †                | Feb.  |
| Canon City.....         | Fremont    | 5,343               | 54.6                            | 96      | Aug. 2   | 8      | Dec. 28                  | 16.95                 | 2.85                | Oct.  | 0.12             | Nov.  |
| Cedaredge.....          | Delta      | 6,175               | 48.7                            | 96      | Aug. 3   | 4      | *Jan. 4                  | 18.05                 | 3.69                | Oct.  | 0.59             | Nov.  |
| Cheyenne Wells.....     | Cheyenne   | 4,279               | 51.6                            | 95      | *June 28 | -11    | Dec. 31                  | 21.21                 | 5.11                | Sept. | 0.04             | Feb.  |
| Collbran.....           | Mesa       | 6,000               | 45.5                            | 93      | July 23  | ..     | Jan. 4                   | 21.81                 | 4.02                | Oct.  | 0.62             | Nov.  |
| Colorado Springs.....   | El Paso    | 6,098               | 48.8                            | 92      | Aug. 31  | -2     | Mar. 13                  | 22.44                 | 4.68                | Apr.  | 0.05             | Jan.  |
| Cortez.....             | Montezuma  | 6,177               | 48.0                            | 93      | *June 22 | -6     | Dec. 23                  | 25.08                 | 5.38                | Oct.  | 0.33             | Nov.  |
| Cripple Creek.....      | Teller     | 9,500               | ..                              | 77      | Aug. 4   | ..     | .....                    | ..                    | ..                  | ..... | ..               | ..... |
| Del Norte.....          | Rio Grande | 7,868               | 41.6                            | 86      | June 20  | -15    | *Jan. 3                  | 13.25                 | 2.59                | Oct.  | 0.07             | Nov.  |
| Delta.....              | Delta      | 5,025               | 51.6                            | 101     | *Aug. 3  | 7      | *Jan. 4                  | 12.79                 | 3.06                | Oct.  | 0.22             | Nov.  |
| Denver.....             | Denver     | 5,221               | 51.5                            | 93      | *July 23 | -5     | Dec. 31                  | 17.68                 | 2.75                | Apr.  | 0.15             | Feb.  |
| Durango.....            | La Plata   | 6,554               | 45.8                            | 89      | *Aug. 2  | -8     | Jan. 4                   | 33.64                 | 7.14                | Oct.  | 0.34             | Nov.  |
| Estes Park (near).....  | Larimer    | 8,000               | 42.1                            | 86      | Aug. 4   | -17    | Mar. 12                  | 18.54                 | 3.48                | June  | 0.17             | Feb.  |
| Florence.....           | Fremont    | 5,192               | 54.8                            | 100     | Aug. 2   | -6     | Dec. 31                  | 14.35                 | 2.60                | Oct.  | 0.10             | Nov.  |
| Fort Collins.....       | Larimer    | 4,985               | 47.7                            | 95      | July 23  | -14    | *Dec. 26                 | 17.76                 | 4.19                | Aug.  | 0.04             | Feb.  |
| Fort Lupton (near)..... | Weld       | 5,000               | 49.1                            | 100     | Aug. 3   | -9     | Dec. 28                  | 18.10                 | 4.12                | Aug.  | 0.03             | Feb.  |
| Fort Morgan.....        | Morgan     | 4,319               | 50.7                            | 97      | *July 23 | -15    | Dec. 28                  | 14.29                 | 2.46                | Sept. | 0.01             | Feb.  |
| Fraser.....             | Grand      | 8,560               | 34.8                            | 85      | July 23  | -26    | Jan. 4                   | 17.41                 | 2.93                | Apr.  | 0.83             | Dec.  |
| Fruita.....             | Mesa       | 4,590               | 52.2                            | 101     | *July 23 | 13     | Nov. 24                  | 14.54                 | 3.06                | Sept. | 0.35             | Dec.  |
| Glenwood Springs.....   | Garfield   | 5,853               | 48.1                            | 98      | Aug. 4   | -2     | Jan. 4                   | 23.19                 | 3.35                | Sept. | 0.99             | Aug.  |
| Grand Junction.....     | Mesa       | 4,587               | 53.4                            | 99      | July 23  | 16     | *Jan. 4                  | 14.76                 | 2.90                | Sept. | 0.26             | Nov.  |
| Greeley.....            | Weld       | 4,637               | 48.0                            | 99      | Aug. 3   | -18    | Dec. 27                  | 16.00                 | 3.04                | Apr.  | 0.02             | Feb.  |
| Gunnison.....           | Gunnison   | 7,715               | 39.5                            | 88      | *July 23 | -27    | Jan. 4                   | 13.00                 | 3.05                | Oct.  | 0.15             | Dec.  |

|                        |        |      |     |          |     |         |       |       |           |       |           |
|------------------------|--------|------|-----|----------|-----|---------|-------|-------|-----------|-------|-----------|
| Hartsel.....           | 8,900  | 54.2 | 103 | July 17  | ..  | Nov. 23 | 16.22 | 3.51  | Aug. June | 0.07  | Feb. Feb. |
| Holly.....             | 3,386  | ...  | ... | .....    | ..  | .....   | 28.79 | 4.52  | .....     | 0.09  | .....     |
| Idaho Springs.....     | 7,543  | ...  | ... | .....    | ..  | .....   | ..... | ..... | .....     | ..... | .....     |
| Julesburg.....         | 3,415  | 52.4 | 102 | July 22  | -12 | Dec. 28 | 21.72 | 3.67  | July      | 0.09  | Nov.      |
| Lamar.....             | 3,620  | 53.9 | 100 | *Aug. 2  | -1  | Nov. 23 | 22.07 | 4.42  | Sept.     | 0.10  | Feb.      |
| Leadville.....         | 10,152 | 36.4 | 83  | Aug. 3   | -14 | Dec. 26 | 17.72 | 2.43  | Mar.      | 0.84  | June      |
| Le Roy.....            | 4,380  | ...  | ... | .....    | ..  | .....   | 27.43 | 4.98  | July      | 0.06  | Nov.      |
| Limon (near).....      | 5,360  | 48.4 | 94  | Aug. 2   | 7   | Dec. 28 | 25.63 | 4.16  | July      | 0.06  | Feb.      |
| Longmont.....          | 4,950  | 48.2 | 97  | Aug. 3   | -12 | Dec. 28 | 14.30 | 3.54  | Apr.      | 0.11  | Feb.      |
| Manassa.....           | 7,700  | 40.5 | 88  | *Aug. 20 | -29 | Jan. 4  | 11.57 | 2.32  | Sept.     | †     | Nov.      |
| Meeker (near).....     | 6,500  | 43.6 | 92  | Aug. 4   | -10 | Jan. 3  | 21.09 | 4.79  | Oct.      | 0.66  | July      |
| Mesa Verde Park.....   | 6,960  | 49.0 | 98  | Aug. 3   | 6   | Dec. 26 | 33.34 | 5.99  | Oct.      | 0.60  | Nov.      |
| Monte Vista.....       | 7,659  | 40.9 | 88  | *July 22 | -24 | Jan. 4  | 11.21 | 1.91  | Oct.      | 0.10  | Nov.      |
| Montrose.....          | 5,811  | 43.2 | 97  | Aug. 3   | 2   | *Jan. 4 | 16.88 | 3.12  | Oct.      | 0.24  | Nov.      |
| Monument.....          | 7,200  | 46.0 | 87  | *June 19 | -15 | Dec. 31 | 23.38 | 6.63  | July      | 0.27  | Feb.      |
| Pagosa Springs.....    | 7,104  | 42.4 | 90  | Aug. 3   | -22 | Jan. 4  | 33.29 | 6.76  | Oct.      | 0.25  | Nov.      |
| Parker.....            | 5,869  | 45.6 | 97  | Aug. 1   | -18 | Dec. 26 | 20.60 | 2.86  | Sept.     | 0.11  | Feb.      |
| Pueblo.....            | 4,796  | 52.0 | 97  | June 19  | 5   | Dec. 26 | 18.09 | 3.28  | Aug.      | 0.23  | Nov.      |
| Rifle.....             | 5,355  | ...  | ... | .....    | ..  | .....   | 15.19 | 3.11  | Oct.      | 0.43  | July      |
| Rocky Ford.....        | 4,177  | 53.4 | 99  | *June 20 | 8   | Dec. 28 | 22.48 | 4.08  | May       | 0.02  | Feb.      |
| Saguache.....          | 7,745  | ...  | ... | .....    | ..  | .....   | 11.62 | 3.02  | Oct.      | 0.10  | Nov.      |
| Salida.....            | 7,035  | ...  | ... | .....    | ..  | .....   | 14.98 | 2.65  | Oct.      | 0.02  | Nov.      |
| Sapinero (near).....   | 9,350  | 37.8 | 79  | *Aug. 5  | 5   | *Jan. 3 | 25.31 | 4.08  | Oct.      | 0.85  | Nov.      |
| Sedgewick.....         | 3,583  | 50.7 | 101 | *July 22 | -17 | Dec. 28 | 19.61 | 3.48  | July      | 0.13  | Nov.      |
| Silverton.....         | 9,415  | 35.1 | 85  | July 6   | -23 | Jan. 4  | 34.71 | 8.50  | Oct.      | 0.38  | Nov.      |
| Spicer.....            | 8,700  | 38.0 | 90  | July 1   | -29 | Mar. 12 | 15.27 | 3.02  | Aug.      | 0.46  | July      |
| Steamboat Springs..... | 6,750  | 33.9 | 93  | July 4   | 24  | Jan. 12 | 24.75 | 3.01  | Oct.      | 1.33  | Sept.     |
| Sterling.....          | 3,334  | 43.1 | 94  | *July 22 | 9   | Dec. 28 | 18.18 | 3.61  | July      | 0.02  | Nov.      |
| Telluride.....         | 8,756  | 40.6 | 82  | July 23  | -15 | Jan. 4  | 41.74 | 7.58  | Oct.      | 0.37  | Nov.      |
| Trinidad.....          | 6,300  | ...  | ... | July 8   | ..  | .....   | 23.97 | 4.53  | Sept.     | †     | Feb.      |
| Las Animas.....        | ...    | ...  | ... | .....    | ..  | .....   | ..... | ..... | .....     | ..... | .....     |
| Walsenburg.....        | 6,280  | ...  | ... | Aug. 1   | -3  | Dec. 23 | 26.14 | 5.20  | Sept.     | 0.17  | Nov.      |
| Westcliffe.....        | 7,861  | 41.6 | 84  | *July 7  | -16 | Dec. 23 | 22.34 | 3.43  | Mar.      | 0.13  | Nov.      |
| Wray.....              | 3,512  | 51.6 | 98  | Aug. 16  | -11 | Dec. 28 | 30.36 | 6.83  | July      | 0.18  | Nov.      |
| Yuma.....              | 4,147  | 48.2 | 97  | July 9   | -10 | Dec. 27 | 22.34 | 3.97  | Sept.     | 0.14  | Feb.      |

\* Also on subsequent dates.  
 † Indicates precipitation less than 0.01 inch.  
 ‡ Also other months.

**PRECIPITATION AND MEAN TEMPERATURES IN 1941, WITH DEPARTURE FROM NORMAL**

(Source: U. S. Weather Bureau)

Note—Precipitation is in inches and temperature is in degrees Fahrenheit.

| PLACE                    | COUNTY            | PRECIPITATION |                       | MEAN TEMPERATURE |                       |
|--------------------------|-------------------|---------------|-----------------------|------------------|-----------------------|
|                          |                   | 1941          | Departure from Normal | 1941             | Departure from Normal |
| Akron .....              | Washington .....  | 21.96         | + 4.78                | 49.4             | +0.9                  |
| Alamosa .....            | Alamosa .....     | 10.74         | + 3.91                | 40.1             | -2.0                  |
| Boulder .....            | Boulder .....     | 23.99         | + 5.91                | 48.4             | -2.2                  |
| Buena Vista .....        | Chaffee .....     | 10.53         | + 0.24                | ..               | ..                    |
| Burlington .....         | Kit Carson .....  | 24.08         | + 6.64                | 52.0             | +2.0                  |
| Calhan .....             | El Paso .....     | 21.54         | + 5.40                | 47.2             | +1.1                  |
| Canon City .....         | Fremont .....     | 16.95         | + 3.97                | 54.6             | +1.2                  |
| Cedaredge .....          | Delta .....       | 18.05         | + 5.98                | 48.7             | +0.3                  |
| Cheyenne Wells .....     | Cheyenne .....    | 21.21         | + 4.48                | 51.6             | +0.5                  |
| Collbran .....           | Mesa .....        | 21.81         | + 5.71                | 45.5             | -0.2                  |
| Colorado Springs .....   | El Paso .....     | 22.44         | + 7.97                | 48.8             | +0.9                  |
| Cortez .....             | Montezuma .....   | 25.08         | +11.14                | 48.0             | +0.3                  |
| Cripple Creek .....      | Teller .....      | ..            | ..                    | ..               | ..                    |
| Del Norte .....          | Rio Grande .....  | 13.25         | + 5.05                | 41.6             | -1.2                  |
| Delta .....              | Delta .....       | 12.79         | + 4.57                | 51.6             | +1.6                  |
| Denver .....             | Denver .....      | 17.68         | + 3.63                | 51.5             | +1.5                  |
| Durango .....            | La Plata .....    | 33.64         | +13.82                | 45.8             | -0.3                  |
| Estes Park (near) .....  | Larimer .....     | 18.54         | + 0.78                | 42.1             | -0.1                  |
| Florence .....           | Fremont .....     | 14.35         | ..                    | 54.8             | ..                    |
| Fort Collins .....       | Larimer .....     | 17.76         | + 2.47                | 47.7             | +1.1                  |
| Fort Lupton (near) ..... | Weld .....        | 18.10         | + 5.54                | 49.1             | ..                    |
| Fort Morgan .....        | Morgan .....      | 14.29         | + 0.43                | 50.7             | +2.9                  |
| Fraser .....             | Grand .....       | 17.41         | - 2.66                | 34.8             | +2.3                  |
| Fruita .....             | Mesa .....        | 14.54         | + 4.18                | 52.2             | +2.0                  |
| Glenwood Springs .....   | Garfield .....    | 23.19         | + 8.13                | 48.1             | +1.5                  |
| Grand Junction .....     | Mesa .....        | 14.76         | + 5.93                | 53.4             | +1.4                  |
| Greeley .....            | Weld .....        | 16.00         | + 3.03                | 48.0             | -0.1                  |
| Gunnison .....           | Gunnison .....    | 13.00         | + 2.88                | 39.5             | +2.3                  |
| Hartsel .....            | Park .....        | 16.22         | + 5.88                | ..               | ..                    |
| Holly .....              | Prowers .....     | 28.79         | +13.42                | 54.2             | +0.2                  |
| Idaho Springs .....      | Clear Creek ..... | ..            | ..                    | ..               | ..                    |
| Julesburg .....          | Sedgwick .....    | 21.72         | + 3.48                | 52.4             | +3.2                  |
| Lamar .....              | Prowers .....     | 22.07         | + 6.02                | 53.9             | -0.5                  |
| Leadville .....          | Lake .....        | 17.72         | - 0.91                | 36.4             | +0.8                  |
| Le Roy .....             | Logan .....       | 27.43         | + 9.39                | ..               | ..                    |
| Limon (near) .....       | Elbert .....      | 25.68         | +11.11                | 48.4             | +0.7                  |
| Longmont .....           | Boulder .....     | 14.30         | - 0.10                | 48.2             | +0.2                  |
| Manassa .....            | Conejos .....     | 11.57         | + 4.99                | 40.5             | -1.4                  |
| Meeker (near) .....      | Rio Blanco .....  | 21.09         | + 4.92                | 43.6             | ..                    |
| Mesa Verde Park .....    | Montezuma .....   | 33.34         | +12.30                | 49.0             | -1.2                  |
| Montrose .....           | Montrose .....    | 16.88         | + 7.26                | 49.2             | +0.9                  |
| Monument .....           | El Paso .....     | 29.38         | + 9.46                | 46.0             | +1.1                  |
| Parker .....             | Douglas .....     | 20.60         | + 6.09                | 45.6             | -0.8                  |
| Pueblo .....             | Pueblo .....      | 18.09         | + 6.42                | 52.0             | +0.6                  |
| Rifle .....              | Garfield .....    | 15.19         | + 3.96                | ..               | ..                    |
| Rocky Ford .....         | Otero .....       | 22.48         | +10.35                | 53.4             | +1.3                  |
| Saguache .....           | Saguache .....    | 11.62         | + 2.47                | ..               | ..                    |
| Salida .....             | Chaffee .....     | 14.98         | + 2.55                | ..               | ..                    |
| Sapinero (near) .....    | Gunnison .....    | 25.31         | + 4.07                | 37.8             | -0.5                  |
| Sedgwick .....           | Sedgwick .....    | 19.61         | + 1.77                | 50.7             | +1.4                  |
| Silverton .....          | San Juan .....    | 34.71         | + 9.69                | 35.1             | +0.1                  |
| Spicer .....             | Jackson .....     | 15.27         | + 4.80                | 38.0             | +1.0                  |
| Steamboat Springs .....  | Routt .....       | 24.75         | + 1.63                | 39.9             | +1.5                  |
| Sterling .....           | Logan .....       | 18.18         | + 2.73                | 49.1             | +0.7                  |
| Telluride .....          | San Miguel .....  | 41.74         | +21.11                | 40.6             | +1.8                  |
| Trinidad .....           | Las Animas .....  | 23.97         | + 6.67                | ..               | ..                    |
| Westcliffe .....         | Custer .....      | 22.34         | + 7.40                | 41.6             | -1.4                  |
| Wray .....               | Yuma .....        | 30.36         | +11.99                | 51.6             | +0.9                  |
| Yuma .....               | Yuma .....        | 22.34         | + 4.83                | 48.2             | ..                    |

The normal may be found by adding the departure when minus (—) or subtracting when plus (+).

**SNOWFALL IN COLORADO: AVERAGE ANNUAL IN INCHES AT SPECIFIED STATIONS**

(Source: U. S. Weather Bureau)

| STATION               | COUNTY      | Elevation (Feet) | Length of Record (Years) | Average Annual (Inches) |
|-----------------------|-------------|------------------|--------------------------|-------------------------|
| Akron (near)          | Washington  | 4,560            | 16                       | 33.6                    |
| Aspen                 | Pitkin      | 7,909            | 5                        | 98.8                    |
| Boulder               | Boulder     | 5,347            | 34                       | 66.9                    |
| Breckenridge          | Summit      | 9,536            | 20                       | 184.8                   |
| Buena Vista           | Chaffee     | 7,955            | 28                       | 46.4                    |
| Burlington            | Kit Carson  | 4,160            | 24                       | 26.2                    |
| Canon City            | Fremont     | 5,343            | 36                       | 37.5                    |
| Cascade               | San Juan    | 8,900            | 22                       | 207.1                   |
| Castle Rock           | Douglas     | 6,201            | 29                       | 60.4                    |
| Cheyenne Wells        | Cheyenne    | 4,279            | 34                       | 27.9                    |
| Colorado Springs      | El Paso     | 6,098            | 32                       | 33.6                    |
| Columbine             | Routt       | 8,766            | 20                       | 181.2                   |
| Corona                | Grand       | 11,660           | 8                        | 328.7                   |
| Crested Butte         | Gunnison    | 8,867            | 19                       | 166.8                   |
| Cripple Creek         | Teller      | 9,396            | 16                       | 90.9                    |
| Cumbres               | Conejos     | 10,015           | 21                       | 263.9                   |
| Delta                 | Delta       | 5,025            | 30                       | 20.0                    |
| Denver                | Denver      | 5,283            | 46                       | 55.3                    |
| Durango               | La Plata    | 6,589            | 28                       | 67.0                    |
| Eads                  | Kiowa       | 4,000            | 18                       | 16.8                    |
| Echo Lake             | Clear Creek | 10,600           | 5                        | 132.8                   |
| Estes Park (near)     | Larimer     | 8,000            | 21                       | 115.8                   |
| Fairview              | Custer      | 9,500            | 6                        | 241.6                   |
| Fort Collins          | Larimer     | 4,985            | 37                       | 42.3                    |
| Fort Lupton (near)    | Weld        | 4,907            | 20                       | 44.4                    |
| Fort Morgan           | Morgan      | 4,319            | 30                       | 24.9                    |
| Gilman                | Eagle       | 8,700            | 4                        | 168.8                   |
| Gladstone             | San Juan    | 10,400           | 10                       | 285.2                   |
| Glenwood Springs      | Garfield    | 5,823            | 26                       | 62.4                    |
| Grand Junction        | Mesa        | 4,602            | 38                       | 22.0                    |
| Grand Lake            | Grand       | 8,153            | 13                       | 118.5                   |
| Grand Valley          | Garfield    | 5,089            | 20                       | 34.7                    |
| Greeley               | Weld        | 4,649            | 35                       | 32.7                    |
| Gunnison              | Gunnison    | 7,670            | 32                       | 50.2                    |
| Hayden                | Routt       | 6,337            | 13                       | 96.7                    |
| Hermit Lake           | Custer      | 10,000           | 5                        | 319.2                   |
| Holly                 | Prowers     | 3,386            | 32                       | 13.8                    |
| Holyoke               | Phillips    | 3,745            | 23                       | 32.8                    |
| Huerfano (near)       | Huerfano    | 6,010            | 13                       | 56.1                    |
| Idaho Springs         | Clear Creek | 7,543            | 26                       | 74.3                    |
| La Junta              | Otero       | 4,062            | 18                       | 24.5                    |
| Lamar                 | Prowers     | 3,592            | 33                       | 23.5                    |
| Las Animas            | Bent        | 3,899            | 37                       | 20.3                    |
| La Veta Pass          | Costilla    | 9,242            | 22                       | 151.5                   |
| Leadville             | Lake        | 10,248           | 29                       | 129.7                   |
| Limon (near)          | Lincoln     | 5,360            | 20                       | 29.1                    |
| Longmont              | Boulder     | 4,950            | 25                       | 42.8                    |
| Longs Peak            | Larimer     | 8,956            | 33                       | 146.0                   |
| Marble                | Gunnison    | 7,951            | 8                        | 181.8                   |
| Marshall Pass         | Saguache    | 10,846           | 13                       | 176.1                   |
| Meeker                | Rio Blanco  | 6,500            | 33                       | 69.5                    |
| Mesa Verde Park       | Montezuma   | 6,930            | 8                        | 56.3                    |
| Montrose              | Montrose    | 5,811            | 41                       | 34.4                    |
| Ordway                | Crowley     | 4,330            | 12                       | 16.1                    |
| Pagosa Springs (near) | Archuleta   | 7,108            | 10                       | 98.3                    |
| Platoro               | Conejos     | 9,800            | 10                       | 226.9                   |
| Pueblo                | Pueblo      | 4,685            | 42                       | 26.8                    |
| Pyramid               | Rio Blanco  | 8,000            | 9                        | 213.2                   |
| Rocky Ford            | Otero       | 4,177            | 37                       | 19.1                    |
| Ruby                  | Gunnison    | 9,850            | 9                        | 463.1                   |
| Salida                | Chaffee     | 7,035            | 24                       | 49.8                    |
| Sapinero (near)       | Gunnison    | 9,350            | 29                       | 163.4                   |
| Savage Basin          | San Miguel  | 11,522           | 15                       | 400.2                   |
| Silver Lake           | Boulder     | 10,200           | 18                       | 281.3                   |
| Silverton             | San Juan    | 9,400            | 24                       | 157.7                   |
| Springfield           | Baca        | 4,600            | 18                       | 24.4                    |
| Spruce Lodge          | Grand       | 9,600            | 9                        | 287.5                   |
| Steamboat Springs     | Routt       | 6,750            | 26                       | 160.1                   |
| Sterling              | Logan       | 3,934            | 21                       | 32.3                    |
| Telluride             | San Miguel  | 8,756            | 21                       | 168.0                   |
| Trinidad              | Las Animas  | 5,994            | 29                       | 60.5                    |
| Trout Lake            | San Miguel  | 9,800            | 17                       | 213.7                   |
| Walden                | Jackson     | 8,050            | 6                        | 52.9                    |
| Wortman               | Lake        | 11,250           | 13                       | 261.8                   |
| Wray                  | Yuma        | 3,512            | 30                       | 25.6                    |
| Yampa                 | Routt       | 7,884            | 11                       | 76.6                    |

## NORMAL MONTHLY AND ANNUAL PRECIPITATION IN INCHES

(Source: United States Weather Bureau)

| STATION             | COUNTY      | Length of Rec. Yrs. | Monthly |      |      |      |      |      |      |      |       |      |      |      | Annual |
|---------------------|-------------|---------------------|---------|------|------|------|------|------|------|------|-------|------|------|------|--------|
|                     |             |                     | Jan.    | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |        |
| Akron (Airport)     | Washington  | 23                  | 0.27    | 0.50 | 1.22 | 2.12 | 2.87 | 2.32 | 2.50 | 1.89 | 1.45  | 0.92 | 0.55 | 0.56 | 17.17  |
| Arriba              | Lincoln     | 25                  | 0.13    | 0.41 | 0.87 | 1.80 | 2.07 | 1.92 | 2.71 | 1.95 | 1.61  | 1.00 | 0.51 | 0.45 | 15.61  |
| Aspen               | Pitkin      | 12                  | 1.51    | 2.15 | 1.50 | 1.29 | 2.15 | 0.86 | 1.89 | 1.41 | 1.44  | 1.66 | 1.14 | 1.84 | 13.84  |
| Boulder             | Boulder     | 48                  | 0.38    | 0.78 | 1.54 | 1.39 | 0.93 | 1.55 | 1.93 | 1.51 | 1.56  | 1.46 | 0.76 | 0.78 | 16.67  |
| Buena Vista         | Chaffee     | 40                  | 0.32    | 0.54 | 0.68 | 0.89 | 3.78 | 0.45 | 1.64 | 1.24 | 0.75  | 0.60 | 0.48 | 0.41 | 8.78   |
| Burlington          | Kit Carson  | 50                  | 0.26    | 0.45 | 0.82 | 1.91 | 2.29 | 2.78 | 2.72 | 2.48 | 1.37  | 0.87 | 0.84 | 0.50 | 17.29  |
| Byers               | Elbert      | 17                  | 0.27    | 0.38 | 0.74 | 1.50 | 1.86 | 1.17 | 1.39 | 1.12 | 0.97  | 0.39 | 0.38 | 0.44 | 10.61  |
| Calhan              | El Paso     | 34                  | 0.33    | 0.53 | 1.08 | 1.86 | 1.98 | 1.48 | 3.24 | 2.74 | 1.71  | 1.70 | 0.72 | 0.65 | 17.02  |
| Canon City          | Fremont     | 52                  | 0.35    | 0.54 | 0.82 | 1.43 | 1.66 | 1.00 | 1.87 | 1.96 | 1.00  | 0.77 | 0.55 | 0.74 | 12.69  |
| Cedaredge           | Delta       | 40                  | 0.88    | 1.04 | 1.18 | 0.95 | 1.06 | 0.60 | 0.89 | 1.10 | 1.38  | 1.08 | 0.65 | 0.81 | 11.62  |
| Cheyenne Wells      | Cheyenne    | 46                  | 0.26    | 0.49 | 0.80 | 1.70 | 2.21 | 2.60 | 2.68 | 2.41 | 1.28  | 0.84 | 0.44 | 0.47 | 16.18  |
| Collbran            | Mesa        | 48                  | 1.16    | 1.20 | 1.59 | 1.55 | 1.43 | 0.74 | 1.21 | 1.47 | 1.63  | 1.41 | 1.02 | 1.17 | 15.58  |
| Colorado Springs    | El Paso     | 60                  | 0.19    | 0.35 | 0.73 | 1.43 | 2.41 | 1.78 | 3.03 | 2.29 | 1.32  | 0.47 | 0.35 | 0.33 | 14.66  |
| Columbine           | Routt       | 30                  | 2.45    | 2.94 | 1.78 | 1.76 | 3.01 | 0.70 | 1.74 | 1.65 | 1.65  | 1.26 | 1.61 | 3.11 | 23.58  |
| Cope (Near)         | Washington  | 33                  | 0.31    | 0.55 | 1.25 | 1.96 | 2.83 | 2.68 | 2.83 | 2.38 | 1.18  | 0.88 | 0.64 | 0.63 | 18.12  |
| Crested Butte       | Gunnison    | 29                  | 2.30    | 2.19 | 1.99 | 1.58 | 1.49 | 1.28 | 2.19 | 2.20 | 2.44  | 1.13 | 1.24 | 1.88 | 21.91  |
| Del Norte           | Rio Grande  | 18                  | 0.31    | 0.30 | 0.51 | 0.65 | 0.70 | 0.44 | 1.37 | 1.51 | 0.93  | 0.54 | 0.60 | 0.34 | 8.20   |
| Delta               | Delta       | 53                  | 0.60    | 0.51 | 0.65 | 0.59 | 0.78 | 0.34 | 0.76 | 0.97 | 1.01  | 0.79 | 0.53 | 0.57 | 8.10   |
| Denver              | Denver      | 69                  | 0.42    | 0.55 | 1.07 | 2.02 | 2.32 | 1.31 | 1.60 | 1.43 | 1.06  | 1.00 | 0.60 | 0.68 | 14.06  |
| Dillon              | Summit      | 33                  | 1.29    | 2.53 | 2.63 | 1.88 | 1.82 | 0.94 | 2.32 | 1.78 | 1.38  | 1.21 | 1.24 | 1.88 | 20.90  |
| Durango             | La Plata    | 47                  | 1.55    | 1.74 | 1.82 | 1.48 | 1.06 | 0.82 | 2.05 | 2.21 | 1.97  | 1.79 | 1.28 | 1.65 | 19.42  |
| Eads                | Kiowa       | 26                  | 0.14    | 0.43 | 0.52 | 1.15 | 2.13 | 2.06 | 2.77 | 1.43 | 0.96  | 1.65 | 0.36 | 0.22 | 13.82  |
| Estes Park (Near)   | Larimer     | 32                  | 0.47    | 0.57 | 0.75 | 1.63 | 2.53 | 1.42 | 2.49 | 2.46 | 1.66  | 0.88 | 0.87 | 0.57 | 16.30  |
| Fort Collins        | Larimer     | 60                  | 0.45    | 0.52 | 0.95 | 1.67 | 2.55 | 1.39 | 1.78 | 1.06 | 1.13  | 1.14 | 0.43 | 0.40 | 13.47  |
| Fort Morgan         | Morgan      | 49                  | 0.24    | 0.29 | 0.53 | 1.26 | 2.31 | 1.42 | 1.73 | 1.27 | 0.73  | 0.59 | 0.31 | 0.36 | 11.04  |
| Fraser              | Grand       | 31                  | 1.20    | 1.53 | 1.66 | 1.94 | 1.84 | 1.17 | 1.83 | 1.33 | 1.37  | 1.03 | 1.35 | 1.51 | 17.76  |
| Fruita              | Mesa        | 40                  | 0.84    | 0.83 | 0.95 | 0.74 | 0.87 | 0.36 | 0.83 | 1.04 | 1.23  | 1.01 | 0.68 | 0.77 | 10.15  |
| Garnett             | Alamosa     | 50                  | 0.15    | 0.21 | 0.35 | 0.48 | 0.67 | 0.60 | 1.21 | 1.24 | 0.79  | 0.54 | 0.28 | 0.22 | 6.74   |
| Glenwood Springs    | Garfield    | 35                  | 1.40    | 1.23 | 1.37 | 1.36 | 1.67 | 0.80 | 1.34 | 1.61 | 1.38  | 1.18 | 1.02 | 1.33 | 15.69  |
| Grand Junction      | Mesa        | 49                  | 0.61    | 0.61 | 0.77 | 0.78 | 0.76 | 0.38 | 0.70 | 1.08 | 1.00  | 0.91 | 0.60 | 0.59 | 8.79   |
| Greeley             | Weld        | 52                  | 0.27    | 0.42 | 0.77 | 1.53 | 2.34 | 1.52 | 1.68 | 1.12 | 0.99  | 0.89 | 0.37 | 0.41 | 12.31  |
| Grover (Near)       | Weld        | 38                  | 0.21    | 0.51 | 0.53 | 1.64 | 2.21 | 1.57 | 1.12 | 1.63 | 1.21  | 0.66 | 0.28 | 0.39 | 12.96  |
| Gunnison            | Gunnison    | 48                  | 0.78    | 0.82 | 0.64 | 0.71 | 0.80 | 0.69 | 1.52 | 1.37 | 0.88  | 0.67 | 0.56 | 0.67 | 10.11  |
| Long Branch (Hamps) | Lincoln     | 48                  | 0.23    | 0.41 | 0.77 | 1.64 | 1.98 | 1.69 | 2.24 | 2.22 | 1.03  | 0.58 | 0.32 | 0.37 | 13.48  |
| Hartsel             | Park        | 32                  | 2.00    | 0.26 | 0.36 | 0.66 | 0.86 | 1.06 | 2.96 | 2.18 | 1.17  | 0.46 | 0.31 | 0.27 | 10.75  |
| Hayden              | Routt       | 22                  | 2.00    | 1.62 | 1.09 | 2.03 | 1.35 | 1.19 | 2.54 | 2.52 | 2.11  | 0.92 | 1.33 | 1.58 | 20.28  |
| Hermit (Near)       | Mineral     | 38                  | 1.04    | 0.84 | 1.54 | 1.24 | 1.03 | 1.09 | 2.36 | 2.43 | 2.19  | 1.63 | 1.02 | 0.95 | 17.36  |
| Holly               | Prowers     | 45                  | 0.22    | 0.52 | 0.58 | 1.57 | 1.99 | 2.09 | 2.47 | 2.05 | 1.25  | 0.77 | 0.53 | 0.43 | 14.47  |
| Holyoke             | Phillips    | 45                  | 0.25    | 0.44 | 0.93 | 1.12 | 1.73 | 2.97 | 2.45 | 2.31 | 1.31  | 0.83 | 0.35 | 0.50 | 17.19  |
| Idaho Springs       | Clear Creek | 43                  | 0.33    | 0.43 | 0.93 | 1.81 | 2.97 | 1.16 | 2.69 | 1.12 | 1.26  | 1.14 | 0.52 | 0.47 | 14.83  |
| Ignacio             | La Plata    | 27                  | 1.12    | 1.27 | 1.38 | 1.14 | 0.91 | 0.84 | 2.10 | 2.17 | 1.70  | 1.25 | 0.97 | 1.11 | 15.96  |
| Julesburg           | Sedgwick    | 37                  | 0.34    | 0.45 | 0.68 | 2.10 | 2.86 | 2.65 | 2.26 | 1.94 | 0.81  | 0.83 | 0.30 | 0.33 | 15.55  |
| Kassler             | Jefferson   | 38                  | 0.45    | 0.68 | 1.44 | 2.58 | 2.52 | 1.69 | 1.92 | 1.73 | 1.63  | 1.37 | 0.75 | 0.79 | 17.55  |
| Lamar               | Prowers     | 52                  | 0.27    | 0.53 | 0.84 | 1.57 | 2.12 | 2.12 | 2.56 | 1.89 | 1.22  | 0.90 | 0.46 | 0.59 | 15.07  |
| Las Animas          | Bent        | 57                  | 0.20    | 0.42 | 0.60 | 1.47 | 1.99 | 1.49 | 2.08 | 1.51 | 0.89  | 0.71 | 0.38 | 0.45 | 12.19  |
| Lay                 | Moffat      | 44                  | 1.11    | 1.18 | 1.50 | 1.33 | 1.33 | 0.68 | 1.02 | 1.06 | 1.41  | 1.18 | 0.86 | 1.11 | 13.77  |
| Leadville           | Lake        | 44                  | 1.17    | 1.53 | 1.77 | 1.64 | 1.28 | 1.07 | 2.69 | 2.19 | 1.27  | 1.07 | 0.87 | 1.08 | 17.63  |
| Leroy               | Logan       | 52                  | 0.35    | 0.56 | 1.04 | 2.41 | 2.61 | 2.40 | 2.19 | 2.15 | 1.20  | 1.01 | 0.47 | 0.61 | 17.00  |
| Limon (Near)        | Lincoln     | 30                  | 0.18    | 0.44 | 0.62 | 1.23 | 2.02 | 1.65 | 2.33 | 1.67 | 1.14  | 0.78 | 0.37 | 0.66 | 13.09  |
| Longmont            | Boulder     | 38                  | 0.35    | 0.54 | 0.96 | 1.76 | 2.80 | 1.72 | 1.54 | 1.16 | 1.51  | 1.18 | 0.51 | 0.47 | 14.50  |
| Manassa             | Conejos     | 38                  | 0.14    | 0.34 | 0.32 | 0.49 | 0.75 | 0.38 | 1.07 | 1.39 | 0.67  | 0.71 | 0.31 | 0.28 | 6.85   |
| Meeker              | Rio Blanco  | 36                  | 1.05    | 0.94 | 1.44 | 1.50 | 1.41 | 0.92 | 1.53 | 1.74 | 1.65  | 1.46 | 1.09 | 1.08 | 15.81  |
| Mesa Verde Park     | Montezuma   | 18                  | 1.50    | 2.24 | 2.02 | 1.32 | 1.03 | 0.70 | 2.10 | 2.20 | 2.23  | 1.14 | 1.14 | 1.59 | 19.21  |
| Montrose            | Montrose    | 52                  | 0.60    | 0.60 | 0.78 | 0.89 | 0.86 | 0.40 | 0.84 | 1.29 | 1.08  | 0.94 | 0.57 | 0.73 | 9.58   |
| Monument            | El Paso     | 30                  | 0.44    | 0.81 | 1.36 | 2.42 | 2.53 | 1.71 | 2.96 | 2.85 | 1.47  | 1.02 | 0.78 | 0.75 | 19.10  |
| North Dale          | Dolores     | 11                  | 1.11    | 1.42 | 1.32 | 0.82 | 0.62 | 0.43 | 1.29 | 1.33 | 2.54  | 1.19 | 1.00 | 1.12 | 14.19  |
| Pagosa Springs      | Archuleta   | 17                  | 2.20    | 2.09 | 1.63 | 1.54 | 1.51 | 0.92 | 2.56 | 2.65 | 1.98  | 2.05 | 1.63 | 1.72 | 22.48  |
| Paonia              | Delta       | 43                  | 1.30    | 1.42 | 1.43 | 1.32 | 1.39 | 0.54 | 1.04 | 1.35 | 1.39  | 1.45 | 1.06 | 1.29 | 14.98  |
| Pueblo              | Pueblo      | 62                  | 0.32    | 0.52 | 0.65 | 1.35 | 1.42 | 1.33 | 2.08 | 1.49 | 1.01  | 0.52 | 0.45 | 0.54 | 11.68  |
| Rico                | Dolores     | 39                  | 2.48    | 2.85 | 2.62 | 1.66 | 1.56 | 1.21 | 2.93 | 2.71 | 2.78  | 1.61 | 1.48 | 2.04 | 25.93  |
| Rifle               | Garfield    | 26                  | 0.87    | 0.66 | 0.91 | 1.03 | 1.00 | 0.41 | 1.17 | 1.06 | 1.21  | 1.28 | 0.85 | 0.60 | 11.00  |
| Rocky Ford          | Otero       | 52                  | 0.22    | 0.32 | 0.55 | 1.38 | 1.97 | 1.35 | 2.26 | 1.46 | 0.83  | 0.77 | 0.44 | 0.38 | 11.93  |
| Saguache            | Saguache    | 46                  | 0.22    | 0.36 | 0.37 | 0.61 | 0.78 | 0.81 | 1.65 | 1.65 | 0.82  | 0.70 | 0.32 | 0.31 | 8.60   |
| Salida              | Chaffee     | 33                  | 0.53    | 0.75 | 1.72 | 1.47 | 0.95 | 0.93 | 1.68 | 1.52 | 1.04  | 0.87 | 0.66 | 0.63 | 11.75  |
| San Luis            | Costilla    | 31                  | 0.40    | 0.44 | 0.66 | 0.96 | 1.07 | 0.80 | 2.17 | 1.55 | 1.05  | 1.01 | 0.42 | 0.61 | 11.14  |
| Sapinero (Near)     | Gunnison    | 39                  | 1.73    | 2.07 | 2.07 | 1.94 | 1.66 | 0.86 | 1.43 | 1.78 | 1.61  | 1.43 | 1.21 | 1.74 | 19.53  |
| Sedgwick            | Sedgwick    | 32                  | 0.28    | 0.38 | 0.77 | 1.99 | 2.31 | 1.91 | 1.90 | 2.24 | 1.85  | 0.86 | 0.32 | 0.60 | 15.41  |
| Silverton           | San Juan    | 35                  | 1.87    | 1.95 | 2.69 | 1.64 | 1.30 | 1.56 | 2.82 | 3.17 | 2.96  | 1.24 | 1.37 | 1.82 | 25.39  |
| Spicer              | Jackson     | 31                  | 0.73    | 0.67 | 0.56 | 0.87 | 1.13 | 0.42 | 1.47 | 0.82 | 1.38  | 0.97 | 0.76 | 0.62 | 10.40  |
| Springfield         | Baca        | 34                  | 0.42    | 0.67 | 1.05 | 1.96 | 2.71 | 2.03 | 2.37 | 1.83 | 1.48  | 0.91 | 0.69 | 0.68 | 16.80  |
| Steamboat Springs   | Routt       | 37                  | 2.31    | 2.54 | 2.00 | 1.95 | 2.01 | 1.28 | 1.22 | 1.24 | 1.58  | 1.73 | 1.50 | 2.35 | 21.71  |
| Sterling            | Logan       | 32                  | 0.16    | 0.25 | 0.58 | 1.21 | 2.28 | 1.81 | 2.20 | 1.54 | 0.87  | 0.76 | 0.38 | 0.45 | 11.49  |
| Sunbeam (Near)      | Moffat      | 13                  | 0.43    | 0.56 | 0.79 | 0.94 | 1.11 | 0.58 | 1.00 | 1.11 | 1.40  | 1.30 | 0.77 | 0.55 | 10.58  |
| Trinidad            | Las Animas  | 53                  | 0.37    | 0.93 | 0.62 | 1.65 | 1.88 | 2.84 | 2.56 | 2.41 | 1.36  | 1.22 | 1.02 | 0.61 | 17.47  |
| Two Buttes          | Baca        | 45                  | 0.30    | 0.55 | 0.73 | 1.60 | 2.09 | 2.03 | 2.28 | 1.70 | 1.33  | 0.74 | 0.48 | 0.57 | 14.40  |
| Westcliffe          | Custer      | 38                  | 0.67    | 0.79 | 1.27 | 2.20 | 1.74 | 1.46 | 2.61 | 2.17 | 1.38  | 1.22 | 0.87 | 0.80 | 17.18  |
| Wray                | Yuma        | 41                  | 0.27    | 0.54 | 0.90 | 2.26 | 2.75 | 2.93 | 2.64 | 2.36 | 1.31  | 0.96 | 0.45 | 0.44 | 17.81  |
| Yampa               | Routt       | 11                  | 1.96    | 1.72 | 1.11 | 1.20 | 0.80 | 0.89 | 1.88 | 1.49 | 1.37  | 1.26 | 0.97 | 1.47 | 16.12  |
| Yuma                | Yuma        | 51                  | 0.34    | 0.55 | 1.08 | 2.07 | 2.44 | 2.68 | 2.55 | 2.32 | 0.98  | 0.90 | 0.43 | 0.51 | 16.85  |

\*Period to and including 1940.

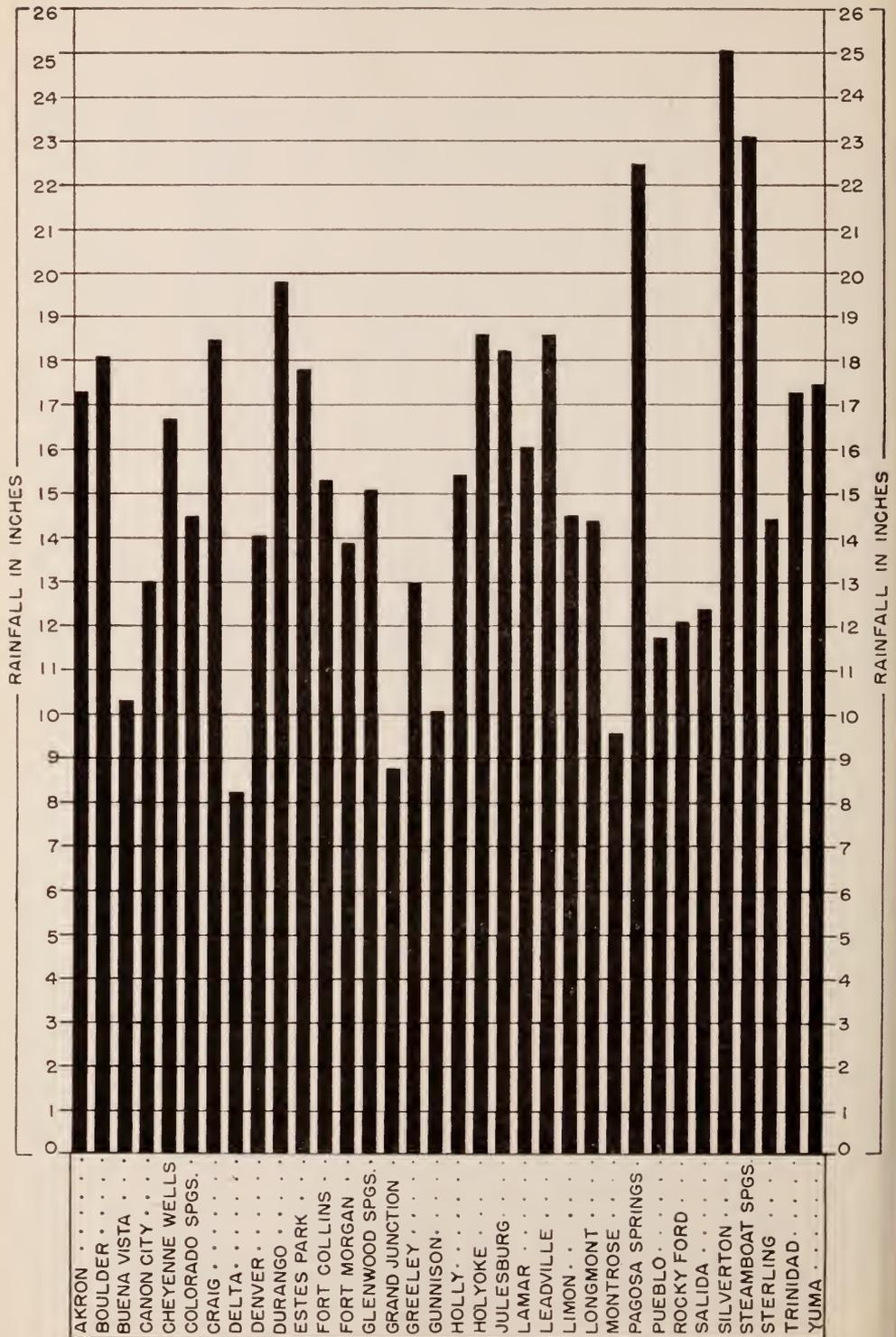
**RAINY DAYS, SKY CONDITION, DIRECTION OF WIND AND SNOWFALL  
IN COLORADO, 1941**

(Source: U. S. Weather Bureau)

| PLACE              | COUNTY      | Number<br>Rainy<br>Days | SKY                     |                                    |                          | Prevail-<br>ing<br>Direc-<br>tion<br>of the<br>Wind | Total<br>Snow-<br>fall,<br>Inches |
|--------------------|-------------|-------------------------|-------------------------|------------------------------------|--------------------------|---|-----------------------------------|
|                    |             |                         | Number<br>Clear<br>Days | Number<br>Partly<br>Cloudy<br>Days | Number<br>Cloudy<br>Days |   |                                   |
| Akron              | Washington  | 90                      | 116                     | 147                                | 102                      | s.  | 35.7                              |
| Alamosa            | Alamosa     | 89                      | 192                     | 46                                 | 127                      | se.   | 33.1                              |
| Boulder            | Boulder     | 115                     | 119                     | 95                                 | 151                      | w.  | 78.1                              |
| Buena Vista        | Chaffee     | 39                      | ...                     | ...                                | ...                      | w.  | 14.6                              |
| Burlington         | Kit Carson  | 84                      | *223                    | *59                                | 81                       | s.  | 32.6                              |
| Calhan             | El Paso     | 83                      | *166                    | *131                               | *67                      | sw.   | 20.0                              |
| Canon City         | Fremont     | 84                      | 260                     | 58                                 | 47                       | ne.   | 22.0                              |
| Cedaredge          | Delta       | 96                      | *148                    | *62                                | *154                     | e.  | 60.8                              |
| Cheyenne Wells     | Cheyenne    | 72                      | 150                     | 132                                | 83                       | n.  | 5.3                               |
| Collbran           | Delta       | 85                      | *128                    | *136                               | *96                      | sw.   | 70.4                              |
| Colorado Springs   | El Paso     | 107                     | 180                     | 87                                 | 98                       | se.   | 29.1                              |
| Cortez             | Montezuma   | 112                     | 177                     | 101                                | 87                       | sw.   | 41.3                              |
| Cripple Creek      | Teller      | ...                     | ...                     | ...                                | ...                      | ..  | ...                               |
| Del Norte          | Rio Grande  | 79                      | 148                     | 128                                | 89                       | w.  | 34.0                              |
| Delta              | Delta       | 89                      | *212                    | *133                               | *19                      | ..  | 21.0                              |
| Denver             | Denver      | 97                      | 136                     | 141                                | 188                      | s.  | 44.3                              |
| Durango            | La Plata    | 128                     | 167                     | 93                                 | 105                      | s.  | 61.5                              |
| Estes Park (near)  | Larimer     | 108                     | 56                      | 275                                | 34                       | ..  | 66.0                              |
| Florence           | Fremont     | 82                      | 130                     | 161                                | 74                       | w.  | 21.1                              |
| Fort Collins       | Larimer     | 98                      | 77                      | 156                                | 132                      | n.  | 33.5                              |
| Fort Lupton (near) | Weld        | 81                      | *105                    | *179                               | *80                      | s.  | 31.8                              |
| Fort Morgan        | Morgan      | 85                      | ...                     | ...                                | ...                      | ..  | 23.4                              |
| Fraser             | Grand       | 125                     | *107                    | *105                               | *145                     | w.  | 150.9                             |
| Fruita             | Mesa        | 73                      | *187                    | *107                               | *70                      | sw.   | 14.9                              |
| Glenwood Springs   | Garfield    | 116                     | 180                     | 139                                | 46                       | s.  | 41.2                              |
| Grand Junction     | Mesa        | 101                     | 101                     | 144                                | 120                      | se.   | 14.4                              |
| Greeley            | Weld        | 84                      | *163                    | *106                               | *94                      | w.  | 36.0                              |
| Gunnison           | Gunnison    | 99                      | 133                     | 125                                | 107                      | w.  | 43.7                              |
| Hartsel            | Park        | 93                      | 222                     | 96                                 | 47                       | nw.   | 68.9                              |
| Holly              | Prowers     | 67                      | 202                     | 39                                 | 124                      | se.   | 15.0                              |
| Idaho Springs      | Clear Creek | ...                     | ...                     | ...                                | ...                      | w.  | ...                               |
| Julesburg          | Sedgwick    | 76                      | 180                     | 93                                 | 92                       | se.   | 36.1                              |
| Lamar              | Prowers     | 103                     | 101                     | 111                                | 153                      | s.  | 21.6                              |
| Leadville          | Lake        | 156                     | 92                      | 141                                | 132                      | ne.   | 136.2                             |
| Le Roy             | Logan       | 104                     | 141                     | 124                                | 100                      | se.   | 62.2                              |
| Limon (near)       | Pueblo      | 99                      | 125                     | 174                                | 66                       | se.   | 44.6                              |
| Longmont           | Boulder     | 107                     | 187                     | 83                                 | 95                       | n.  | 31.1                              |
| Manassa            | Conejos     | 45                      | 254                     | 76                                 | 35                       | ..  | 35.0                              |
| Meeker (near)      | Rio Blanco  | 83                      | 189                     | 82                                 | 94                       | ..  | 92.0                              |
| Mesa Verde Park    | Montezuma   | 124                     | 160                     | 97                                 | 108                      | sw.   | 119.6                             |
| Monte Vista        | Rio Grande  | 80                      | 64                      | 129                                | 172                      | s.  | 24.2                              |
| Montrose           | Montrose    | 106                     | 167                     | 135                                | 63                       | ..  | 52.7                              |
| Monument           | El Paso     | 112                     | 114                     | 168                                | 83                       | nw.   | 65.6                              |
| Parker             | Douglas     | 98                      | *198                    | *18                                | *146                     | se.   | 44.1                              |
| Pueblo             | Pueblo      | 98                      | 117                     | 147                                | 101                      | w.  | 55.1                              |
| Rifle              | Garfield    | ...                     | ...                     | ...                                | ...                      | w.  | ...                               |
| Rocky Ford         | Otero       | 95                      | 213                     | 82                                 | 70                       | se.   | 23.6                              |
| Saguache           | Saguache    | ...                     | ...                     | ...                                | ...                      | s.  | ...                               |
| Sapinero (near)    | Gunnison    | 96                      | 124                     | 114                                | 127                      | w.  | 201.0                             |
| Sedgwick           | Sedgwick    | 78                      | 274                     | 14                                 | 77                       | w.  | 27.8                              |
| Silverton          | San Juan    | 160                     | 106                     | 129                                | 130                      | w.  | 157.8                             |
| Spicer             | Jackson     | 79                      | 121                     | 169                                | 75                       | sw.   | 80.2                              |
| Steamboat Springs  | Routt       | 140                     | 125                     | 134                                | 106                      | nw.   | 130.6                             |
| Sterling           | Logan       | 77                      | 258                     | 35                                 | 72                       | se.   | 27.5                              |
| Telluride          | San Miguel  | 137                     | 127                     | 170                                | 68                       | w.  | 200.6                             |
| Trinidad           | Las Animas  | ...                     | ...                     | ...                                | ...                      | ..  | ...                               |
| Westcliffe         | Custer      | 85                      | *120                    | *86                                | *150                     | se.   | 70.5                              |
| Wray               | Yuma        | 96                      | 191                     | 105                                | 68                       | s.  | 44.3                              |
| Yuma               | Yuma        | 83                      | 159                     | 137                                | 69                       | ..  | 31.2                              |

\*Record incomplete.

## AVERAGE ANNUAL RAINFALL IN INCHES IN 34 COLORADO CITIES AND TOWNS



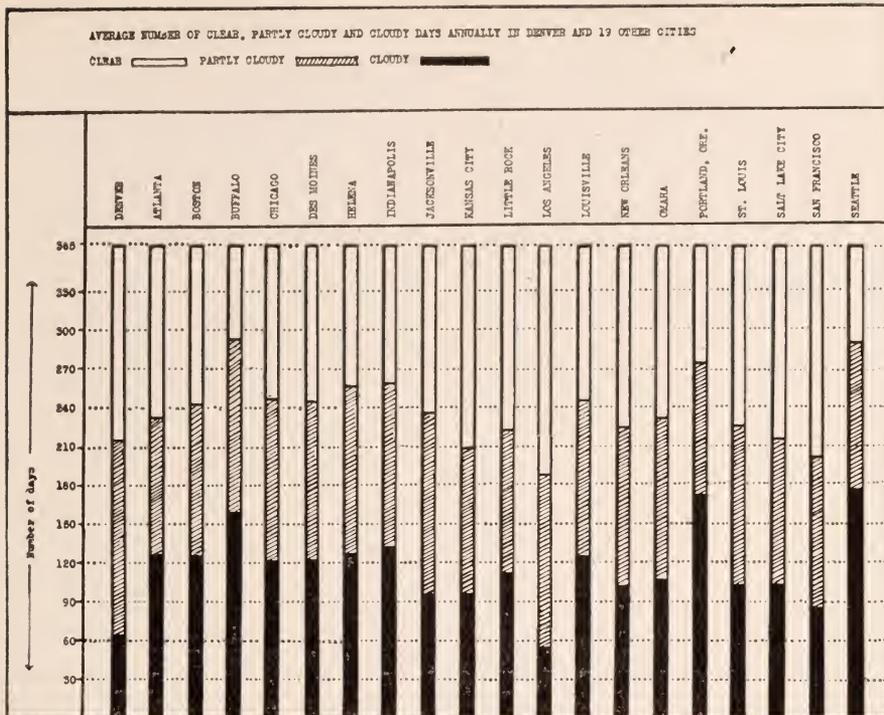
LENGTH OF GROWING SEASON IN COLORADO

(Source: United States Weather Bureau)

| STATIONS   | COUNTY      | *Length of Record, Years | Average Date of Last Killing Frost in Spring | Average Date of First Killing Frost in Autumn | Average Length of Growing Season (Days) | Latest Date of Killing Frost in Spring | Earliest Date of Killing Frost in Autumn |
|--|-------------|--------------------------|--|---|---|--|--|
| Alamosa  | Alamosa     | 10                       | June 2                                       | Sept. 23                                      | 113                                     | June 21                                | Aug. 20                                  |
| Akron  | Washington  | 14                       | May 7  | Oct. 8  | 154                                     | June 5                                 | Sept. 15                                 |
| Arriba   | Lincoln     | 22                       | May 13                                       | Oct. 5  | 145                                     | June 25                                | Sept. 9                                  |
| Aspen  | Pitkin      | 12                       | June 9                                       | Sept. 18                                      | 103                                     | June 27                                | Aug. 24                                  |
| Boulder  | Boulder     | 44                       | May 2  | Oct. 13                                       | 164                                     | April 30                               | Sept. 9                                  |
| Buena Vista                                      | Chaffee     | 32                       | June 4                                       | Sept. 22                                      | 110                                     | June 28                                | Aug. 10                                  |
| Burlington                                       | Kit Carson  | 35                       | May 3  | Oct. 8  | 158                                     | June 4                                 | Sept. 10                                 |
| Byers  | Arapahoe    | 10                       | May 5  | Oct. 10                                       | 158                                     | June 6                                 | Sept. 15                                 |
| Calhan   | El Paso     | 32                       | May 15                                       | Oct. 1  | 139                                     | June 15                                | Sept. 1                                  |
| Canon City                                       | Fremont     | 46                       | Apr. 27                                      | Oct. 12                                       | 168                                     | June 12                                | Sept. 12                                 |
| Cedaredge  | Delta       | 38                       | May 11                                       | Oct. 4  | 146                                     | June 18                                | Sept. 10                                 |
| Cheyenne Wells                                   | Cheyenne    | 45                       | May 5  | Oct. 8  | 156                                     | May 27                                 | Sept. 10                                 |
| Collbran   | Mesa        | 40                       | May 23                                       | Sept. 29                                      | 130                                     | July 3                                 | Sept. 12                                 |
| Colorado Springs                                 | El Paso     | 45                       | May 7  | Oct. 4  | 150                                     | June 18                                | Sept. 10                                 |
| Cortez (Dolores)                                 | Montezuma   | 25                       | May 25                                       | Oct. 1  | 128                                     | June 18                                | Sept. 19                                 |
| Delta  | Delta       | 46                       | May 8  | Oct. 2  | 147                                     | June 3                                 | Sept. 11                                 |
| Denver   | Denver      | 69                       | May 1  | Oct. 11                                       | 165                                     | June 6                                 | Sept. 12                                 |
| Durango  | La Plata    | 45                       | May 26                                       | Sept. 27                                      | 124                                     | June 22                                | Sept. 11                                 |
| Eads   | Kiowa       | 24                       | May 3  | Oct. 9  | 159                                     | May 24                                 | Sept. 24                                 |
| Estes Park (Near)                                | Larimer     | 25                       | June 9                                       | Sept. 17                                      | 100                                     | June 30                                | Sept. 1                                  |
| Fort Collins                                     | Larimer     | 46                       | May 6  | Sept. 30                                      | 147                                     | June 3                                 | Sept. 7                                  |
| Fort Morgan                                      | Morgan      | 43                       | May 9  | Oct. 2  | 146                                     | June 30                                | Aug. 25                                  |
| Fruita   | Mesa        | 38                       | May 5  | Oct. 7  | 155                                     | May 31                                 | Sept. 15                                 |
| Garnett  | Alamosa     | 42                       | June 8                                       | Sept. 14                                      | 98                                      | July 7                                 | Aug. 13                                  |
| Glenwood Springs                                 | Garfield    | 35                       | May 21                                       | Sept. 25                                      | 127                                     | July 4                                 | Aug. 9                                   |
| Grand Junction                                   | Mesa        | 49                       | Apr. 16                                      | Oct. 22                                       | 189                                     | May 14                                 | Sept. 14                                 |
| Greeley  | Weld        | 45                       | May 4  | Sept. 30                                      | 149                                     | May 23                                 | Sept. 9                                  |
| Grover (Near)                                    | Weld        | 28                       | May 20                                       | Sept. 25                                      | 128                                     | June 30                                | Aug. 25                                  |
| Gunnison   | Gunnison    | 45                       | June 23                                      | Aug. 31                                       | 69                                      | July 28                                | Aug. 1                                   |
| Hayden   | Routt       | 21                       | June 10                                      | Sept. 15                                      | 97                                      | July 4                                 | Aug. 31                                  |
| Hoehne (Downing)                                 | Las Animas  | 25                       | May 16                                       | Oct. 7  | 144                                     | July 4                                 | Sept. 10                                 |
| Holyoke (Amherst-Paoli)                          | Prowers     | 38                       | Apr. 27                                      | Oct. 11                                       | 167                                     | June 2                                 | Sept. 17                                 |
| Idaho Springs                                    | Phillips    | 28                       | May 9  | Oct. 1  | 145                                     | June 6                                 | Sept. 12                                 |
| Ignacio  | Clear Creek | 41                       | May 27                                       | Sept. 25                                      | 121                                     | June 19                                | Sept. 5                                  |
| Julesburg  | La Plata    | 27                       | June 5                                       | Sept. 23                                      | 110                                     | June 23                                | Aug. 28                                  |
| Lake Moraine                                     | Sedgwick    | 27                       | May 9  | Oct. 3  | 147                                     | June 2                                 | Sept. 9                                  |
| Lamar  | El Paso     | 47                       | June 21                                      | Sept. 6                                       | 77                                      | July 28                                | July 31                                  |
| Las Animas                                       | Prowers     | 44                       | Apr. 26                                      | Oct. 10                                       | 167                                     | May 22                                 | Sept. 17                                 |
| Leadville  | Bent        | 47                       | Apr. 29                                      | Oct. 2  | 156                                     | June 1                                 | Sept. 11                                 |
| Le Roy   | Lake        | 39                       | June 16                                      | Sept. 7                                       | 83                                      | July 28                                | Aug. 2                                   |
| Limon (Near)                                     | Logan       | 43                       | May 4  | Oct. 5  | 154                                     | May 27                                 | Aug. 25                                  |
| Long Branch (Hamps)                              | Elbert      | 31                       | May 14                                       | Oct. 5  | 144                                     | June 5                                 | Sept. 14                                 |
| Longmont   | Lincoln     | 47                       | May 13                                       | Oct. 4  | 138                                     | June 13                                | Sept. 6                                  |
| Manassa  | Boulder     | 34                       | May 6  | Oct. 2  | 149                                     | June 2                                 | Sept. 8                                  |
| Manitou  | Conejos     | 33                       | June 5                                       | Sept. 16                                      | 103                                     | June 20                                | Aug. 2                                   |
| Meeker (Near)                                    | Rio Blanco  | 11                       | June 10                                      | Sept. 21                                      | 103                                     | June 19                                | Aug. 31                                  |
| Mesa Verde Park                                  | Montezuma   | 17                       | May 1  | Oct. 17                                       | 169                                     | May 24                                 | Sept. 21                                 |
| Montrose   | Montrose    | 48                       | May 6  | Oct. 5  | 152                                     | June 8                                 | Sept. 14                                 |
| Monument   | El Paso     | 30                       | May 24                                       | Sept. 22                                      | 121                                     | June 21                                | Sept. 3                                  |
| Northdale  | Dolores     | 11                       | June 5                                       | Sept. 30                                      | 117                                     | June 30                                | Sept. 10                                 |
| Pagosa Springs (Pagosa Spgs. Near) (Cantonement) | Archuleta   | 12                       | June 24                                      | Sept. 16                                      | 84                                      | July 29                                | Sept. 5                                  |
| Palisade   | Mesa        | 24                       | Apr. 22                                      | Oct. 17                                       | 178                                     | May 26                                 | Sept. 15                                 |
| Paonia   | Delta       | 35                       | May 3  | Oct. 12                                       | 162                                     | June 6                                 | Sept. 15                                 |
| Pueblo   | Pueblo      | 52                       | Apr. 23                                      | Oct. 13                                       | 173                                     | June 2                                 | Sept. 12                                 |
| Redvale  | Montrose    | 9                        | May 22                                       | Oct. 1  | 134                                     | June 13                                | Sept. 14                                 |
| Rifle  | Garfield    | 27                       | May 12                                       | Sept. 29                                      | 140                                     | June 13                                | Sept. 2                                  |
| Rocky Ford                                       | Otero       | 47                       | Apr. 28                                      | Oct. 8  | 163                                     | May 22                                 | Sept. 17                                 |
| Saguache   | Saguache    | 40                       | May 29                                       | Sept. 25                                      | 119                                     | June 26                                | Aug. 28                                  |
| Salida   | Chaffee     | 32                       | May 29                                       | Sept. 20                                      | 114                                     | July 6                                 | Sept. 6                                  |
| San Luis   | Costilla    | 30                       | June 5                                       | Sept. 20                                      | 107                                     | July 6                                 | Sept. 5                                  |
| Sapinero (Near)                                  | Gunnison    | 36                       | June 11                                      | Sept. 19                                      | 100                                     | July 5                                 | Sept. 6                                  |
| Sedgwick   | Sedgwick    | 27                       | May 4  | Oct. 2  | 151                                     | May 27                                 | Sept. 9                                  |
| Silverton No. 2                                  | San Juan    | 34                       | May 27                                       | July 4  | 38                                      | July 31                                | Aug. 1                                   |
| Spicer   | Jackson     | 27                       | June 29                                      | Aug. 29                                       | 61                                      | July 31                                | Aug. 1                                   |
| Steamboat Springs                                | Routt       | 34                       | June 30                                      | Aug. 28                                       | 59                                      | July 31                                | Aug. 1                                   |
| Sterling   | Logan       | 31                       | May 6  | Oct. 1  | 148                                     | June 3                                 | Sept. 9                                  |
| Sunbeam (Near)                                   | Moffat      | 14                       | June 12                                      | Sept. 5                                       | 85                                      | July 8                                 | Aug. 2                                   |
| Telluride (Pandora)                              | San Miguel  | 33                       | June 27                                      | Sept. 1                                       | 66                                      | July 31                                | Aug. 1                                   |
| Trinidad   | Las Animas  | 35                       | May 3  | Oct. 13                                       | 168                                     | June 3                                 | Sept. 22                                 |
| Two Buttes                                       | Baca        | 42                       | May 1  | Oct. 16                                       | 168                                     | June 2                                 | Sept. 17                                 |
| Victor   | Teller      | 26                       | June 10                                      | Sept. 16                                      | 98                                      | July 8                                 | Aug. 13                                  |
| Waterdale  | Larimer     | 37                       | May 11                                       | Oct. 1  | 143                                     | June 3                                 | Sept. 9                                  |
| Westcliffe (Millbrook)                           | Custer      | 34                       | June 9                                       | Sept. 15                                      | 98                                      | July 29                                | Aug. 1                                   |
| Wray (Vernon)                                    | Yuma        | 40                       | May 5  | Oct. 4  | 152                                     | May 26                                 | Sept. 12                                 |

\*Period to and including 1940.





## Water Power—Electric Energy

Early History, Number and Distribution of Plants and Horsepower, Potential Power, Power Site Reserves, Production of Electric Energy, Consumption of Fuels

**W**ATER power has played an important part in the mining development of Colorado and was used for that purpose as far back as 1859, when the first ore mill was erected in the Blackhawk district, the oldest camp in the state. Its use for other industrial purposes started in the same year when the Eggers saw mill in the same district was operated by water power. Today it is recognized as one of the most valuable of Colorado's natural resources.

Although the volume of water carried in the streams of the state generally is comparatively small, most of these streams have their sources at high altitudes and a vast quantity of power is developed as they descend over precipitous courses from the mountainsides to the plains below. The principal river systems having their origin in the state and developing sufficient water power to be uti-

lized commercially are: The Colorado, on the western slope, the principal tributaries of which are the Yampa, White, Green, Gunnison, Dolores and San Juan; the Rio Grande, in the south, draining the San Luis valley; the Arkansas, in the southeast, and the Platte, in the northeast. These streams have scores of comparatively small tributaries rising in the mountains, which drop from 1,000 to 6,000 feet in their courses. There is considerable variation in the amount of power available in these streams, due to the fact that the volume of water they carry differs widely at different seasons of the year. A maximum development could be obtained only through the storage of water in reservoirs during the flood seasons.

The developed water power in Colorado as of January 1, 1941 as reported by the Federal Power commission, consisting of installed capacity of water

wheels of 100 horsepower or more, is as follows:

| Use   | Number<br>Plants | Horse-<br>power |
|---|------------------|-----------------|
| Publicly and privately owned electric utilities.. | 28               | 99,359          |
| Industrial and miscellaneous .....                | 28               | 11,465          |
| Total .....                                       | 56               | 110,824         |

In addition to the above, small plants of less than 100 horsepower in the state probably have an aggregate capacity of 5,000 horsepower.

Developed capacity of water power plants in the state by years is as follows:

| Year      | Number<br>Plants | Horse-<br>power |
|-----------|------------------|-----------------|
| 1924..... | ..               | 90,536          |
| 1925..... | 60               | 94,894          |
| 1926..... | 72               | 96,865          |
| 1928..... | 57               | 98,016          |
| 1929..... | 58               | 98,176          |
| 1931..... | 57               | 97,986          |
| 1932..... | 58               | 98,136          |
| 1934..... | 56               | 101,138         |
| 1936..... | 48               | 99,394          |
| 1938..... | 46               | 102,620         |
| 1940..... | 58               | 111,499         |
| 1941..... | 56               | 110,824         |

The above data are for water power capacity of actual installation of water wheels and turbines in plants of 100 horsepower or more. Potential power figures for the state are not exactly comparable because of seasonal variations. The potential water power available, as estimated by the United States geological survey, is as follows

|  |           |
|--|-----------|
| Horsepower available without storage for 90 per cent of the time ..... | 647,000   |
| Horsepower available without storage for 50 per cent of the time ..... | 851,000   |
| Horsepower available from storage of water.....                        | 2,568,200 |

The federal government had 426,164 acres in power-site reserves in the state on June 30, 1940, according to the report of the commissioner of the general land office. This figure includes all areas reserved or classified as valuable for power purposes and withheld subject to disposition only under the federal water power act of June 10, 1920. Designations, classifications and other types of reserves are included in the total area without distinction. The sites are available for leasing, subject to the approval of the federal power commission, under the act of 1920.

Applications for sites on the public domain should be made to the Federal Power commission, Washington, D. C. Applications for sites within the national forests should be made to the United States Forest Service, 462 Post Office building, Denver.

A new power agency within the department of the interior was established on April 18, 1941, known as Division of Power. It has supervision over all functions in connection with electric power matters in the department, and the coordination of power policies and activities within the department and with other agencies dealing with power. Included in its scope are power installations of the reclamation service, the Indian office and national park service.

Several extensive projects for the development of hydro-electric power in connection with reclamation work are under way in the state and these are described in some detail in another chapter under "Reclamation, Irrigation, Drainage."

### PRODUCTION OF ELECTRIC ENERGY

The production of electric energy for public use in Colorado reached an all-time high in 1940, when the power developed in privately-owned and municipally-owned plants amounted to 791,967,000 kilowatt hours. This was an increase of 31,522,000 kilowatt hours or 4.0 per cent as compared with 1939 and 332,474,000 kilowatt hours or 42 per cent as compared with 1933, the year of minimum production over a long period of time.

Privately owned electric utilities accounted for 84.4 per cent of the total production in 1940 as against 9.8 per cent for municipally-owned electric utilities. The ratio of plants privately owned has shown little change in the last three years, municipally-owned plants increased from 8.7 per cent in 1938 to 9.8 per cent in 1940, and co-operative power districts accounted for less than one per cent of the total in 1940. Generator capacity of all plants increased from 235,909 kilowatt hours in 1938 to 289,206 in 1940, a gain of 53,297 kilowatt hours, or 22.5 per cent.

The movement of electric energy from Colorado plants across state lines amounted to 1,419,000 kilowatt hours in 1933, of which 1,405,000 kilowatt hours went into New Mexico and 14,000 into Nebraska, and Colorado received 7,906,000 kilowatt hours, of which 7,420,000 were delivered from New Mexico and 486,000 from Nebraska.

Statistics on production formerly were compiled by the division of power resources of the United States geological survey. This work was taken over by the Federal Power commission in 1936.

Total production of electric energy in Colorado for public use, by calendar years, in kilowatt hours, with per cent

of increase or decrease over preceding year, is as follows:

| Year | Production  | Per Cent Increase |
|------|-------------|-------------------|
| 1929 | 563,813,000 | ...               |
| 1930 | 573,341,000 | 1.7               |
| 1931 | 528,817,000 | -8.4              |
| 1932 | 478,263,000 | -10.6             |
| 1933 | 459,493,000 | -4.1              |
| 1934 | 506,710,000 | 9.3               |
| 1935 | 549,157,000 | 7.0               |
| 1936 | 652,404,000 | 15.8              |
| 1937 | 682,222,000 | 4.4               |
| 1938 | 693,344,000 | 1.6               |
| 1939 | 760,445,000 | 9.7               |
| 1940 | 791,967,000 | 4.0               |

(—) Denotes decrease.

A table published herewith shows the production of electric energy for public use in Colorado by calendar years distributed as to ownership and percentages.

Another table gives the production by calendar years distributed as to the number of plants, generating capacity, fuels consumed and type of power.

Additional information on electric energy, including domestic, commercial and industrial rates, will be found in the chapter on the Cost of Living and also under Rural Electrification.

**PRODUCTION OF ELECTRIC ENERGY FOR PUBLIC USE IN COLORADO: NUMBER OF PLANTS OPERATING, GENERATOR CAPACITY, PRODUCTION AND FUEL CONSUMED, BY CALENDAR YEARS**

(Source: Federal Power Commission)

|                                     | 1940        | 1939        | 1938          | 1937        | 1936        | 1935        |
|-------------------------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| Number of companies operating       | (1)         | (1)         | (1)           | 33          | 31          | 30          |
| Number of plants operated           | 88          | 87          | (1)           | 71          | 70          | 71          |
| Generator capacity (kilowatt hours) | 289,206     | 285,309     | 284,887       | 253,090     | 251,718     | 235,909     |
| Production (kilowatt hours):        |             |             |               |             |             |             |
| Water power                         | 218,128,000 | 215,550,000 | 248,891,000   | 219,732,000 | 223,779,000 | 196,681,000 |
| Steam power                         | 554,139,000 | 526,595,000 | 444,453,000   | 462,490,000 | 428,625,000 | 352,476,000 |
| Internal combustion                 | 19,700,000  | 18,300,000  | (2)           | (2)         | (2)         | (2)         |
| Total power                         | 791,967,000 | 760,445,000 | 693,344,000   | 682,222,000 | 652,404,000 | 549,157,000 |
| Consumption of fuel:                |             |             |               |             |             |             |
| Coal (short tons)                   | (1)         | 528,649     | 475,756       | 493,448     | 461,017     | 379,387     |
| Oil (barrels)                       | (1)         | 57,235      | 40,770        | 38,881      | 38,182      | 24,945      |
| Natural gas (cu. ft.)               | (1)         | 708,722,000 | 1,463,123,000 | 424,527,000 | 370,572,000 | 406,322,000 |

(1) Not reported.

(2) Prior to 1939 steam power and internal combustion were combined under "Fuel power" and are now shown for those years under "Steam power."

Note—Additional information on this subject will be found in chapter "Water Power Resources." (This table includes only plants having installed capacities of 100 kw. or more.)

**PRODUCTION OF ELECTRIC ENERGY FOR PUBLIC USE IN COLORADO BY CLASS OF OWNERSHIP AND TYPE, BY CALENDAR YEARS**

(Source: Federal Power Commission)

|                              | 1940        |          | 1939        |          | 1938        |          |
|------------------------------|-------------|----------|-------------|----------|-------------|----------|
|                              | Production  | Per Cent | Production  | Per Cent | Production  | Per Cent |
| Privately owned:             |             |          |             |          |             |          |
| Electric utilities           | 668,354,000 | 84.4     | 640,357,000 | 84.2     | 615,323,000 | 84.1     |
| Mining and manufacturing*    | 3,097,000   | 0.4      | 6,407,000   | 0.9      | 6,662,000   | 0.9      |
| Railways and railroads       | 35,777,000  | 4.5      | 37,386,000  | 4.9      | 38,051,000  | 5.2      |
| Sub-total                    | 707,228,000 | 89.3     | 684,150,000 | 90.0     | 660,036,000 | 90.2     |
| Publicly owned:              |             |          |             |          |             |          |
| Municipal electric utilities | 77,520,000  | 9.8      | 69,832,000  | 9.2      | 63,646,000  | 8.7      |
| Co-operative power districts | 7,219,000   | 0.9      | 6,463,000   | 0.8      | 7,713,000   | 1.1      |
| Sub-total                    | 84,739,000  | 10.7     | 76,295,000  | 10.0     | 71,359,000  | 9.8      |
| Total                        | 791,967,000 | 100.0    | 760,445,000 | 100.0    | 731,395,000 | 100.0    |

\*Portion produced for sale only.

## Reclamation—Irrigation—Drainage

Agencies Involved, Early History, United States Bureau of Reclamation Projects, Irrigation and Drainage Enterprises, Investment, Operating Costs, Land Irrigated and Drained, Martin Reservoir, Runoff of Streams

THE water resources of Colorado, their control, development and use, come under the jurisdiction of a number of agencies, both federal and state. These include the United States bureau of reclamation, which constructs and operates power and irrigation projects publicly controlled and financed with federal funds; the state engineer, who is charged with the administration of the state's irrigation laws; the Colorado water conservation board, which is a fact-finding body that cooperates with federal and state departments in making surveys and economic studies of proposed projects, fosters the organization of mutual reservoir, irrigation and grazing districts and promotes the conservation of water; the army engineers corps of the United States war department, which constructs and operates flood control and similar projects such as the John Martin dam; and the federal power commission, which has jurisdiction over water power projects on navigable streams and public land, the interstate movement of electricity and the issuance of permits and licenses and the supervision of rates of interstate companies. The activities of most of these are discussed in separate chapters in this volume to which reference may be made.

### U. S. BUREAU OF RECLAMATION

There are eight projects in the state under the bureau of reclamation which have been completed and in operation, under construction or upon which preliminary construction has begun. The estimated completed cost of these as of June 30, 1941, is \$93,409,691. Construction costs to that date amounted to \$24,779,125, of which \$23,006,120 is repayable to the government. In addition there are 20 proposed projects in the tentative stages upon which construction has not yet been authorized. The above are exclusive of the John Martin dam, estimated cost \$14,600,000, and the Cherry Creek flood control project, to cost \$10,500,000, which are under the army engineers corps. The first named is under construction, the second authorized, but no appropriation has so far been made for its construction.

The reclamation bureau projects included in the above total and their estimated completion costs are as follows:

| Project                     | Amount       |
|-----------------------------|--------------|
| Colorado-Big Thompson.....  | \$54,918,000 |
| Fruitgrowers Reservoir..... | 213,000      |
| Grand Valley.....           | 5,320,691    |
| Mancos* .....               | 1,600,000    |
| Paonia .....                | 1,203,000    |
| Pine River.....             | 3,300,000    |
| San Luis Valley.....        | 17,887,000   |
| Uncompahgre .....           | 8,968,000    |
| Total .....                 | \$93,409,691 |

\*Water conservation and utilization project.

The construction costs on these projects to June 30, 1941, and the amounts so expended which are repayable, are as follows:

|                             | Cost         | Repayable    |
|-----------------------------|--------------|--------------|
| Colorado-Big Thompson ..... | \$ 7,383,673 | \$ 7,331,813 |
| Fruitgrowers .....          | 199,058      | 196,558      |
| Grand Valley.....           | 5,020,691    | 4,081,774    |
| Mancos .....                | 8,748        | 8,748        |
| Paonia .....                | 34,937       | 34,937       |
| Pine River.....             | 3,200,375    | 3,198,895    |
| San Luis Valley..           | 51,293       | 51,293       |
| Uncompahgre .....           | 8,880,350    | 8,102,101    |
| Total .....                 | \$24,779,125 | \$23,006,119 |

Portions of receipts of the federal government from the sale of public lands and from royalties under the oil leasing act go into what is known as the Reclamation fund for the benefit of the states from which the revenues were received. There had been credited to Colorado accretions to June 30, 1941, amounting to \$11,210,230, of which \$10,312,861 was from the sale of public lands and \$897,369 proceeds from the oil leasing act.

A summary of reclamation projects in Colorado, exclusive of flood-control projects under the war department and their status on June 30, 1941, is shown below.

**Colorado-Big Thompson Project**—The Colorado-Big Thompson transmountain water diversion project is the largest in the state and one of the most diversified of any undertaken by the United States bureau of reclamation. Its primary purpose is to divert water from the western slope of the Continental Divide to the eastern slope for irrigation. The secondary purpose is to develop a supply of hydro-electric

power for the use of municipalities, rural electrification, the processing of low-grade ores and other uses.

The project was authorized by congress in the interior department appropriation act dated August 9, 1937, which appropriated \$900,000 for the beginning of construction. It was approved by the President on December 21, 1937, and construction started in 1938 following an award of a contract on November 15 to the Warner Construction company on a bid of \$4,226,206 for the Green Mountain dam and power plant.

The revised estimated completed cost of the project as of June 30, 1941, is \$54,918,000. Construction cost to the same date was \$7,383,673 and appropriations were \$8,050,000. Congress appropriated \$3,000,000 for the 1942 fiscal year and at the end of this period there was pending an act providing \$4,830,000 for the 1943 fiscal year.

The general plan for the project provides for the following:

The storage of 482,000 acre-feet of water in the Granby reservoir, to be formed by construction of a dam 288 feet in height across the Colorado river six miles northeast of Granby;

The pumping of the water an average height of 130 feet into Shadow Mountain lake, a small lake formed by the North Fork diversion dam, and connecting with Grand Lake at the same water surface elevation;

The diversion of 550 second-feet of water through a tunnel 13.1 miles long extending from the easterly end of Grand Lake through the Continental Divide to a point in the watershed of the Big Thompson river near Estes Park;

The carriage of the water in the Big Thompson to various points on the eastern slope where it will be utilized for power development, stored in the Carter lake, Arkins and Horsetooth reservoirs, and finally distributed through existing irrigation systems to the lands of the Northern Colorado Water Conservancy district;

And the construction of a replacement reservoir on the Blue river at the Green Mountain site.

The system embraces 17 major features of work allocated to the irrigation project costs and six power plants that will develop 360,000,000 KWH of firm power and 200,000,000 KWH of secondary usable power annually, exclusive of that used for pumping. The works include canals, reservoirs diversion dams, tunnels and power plants to gather and store surplus water from

780 square miles of drainage area above Hot Sulphur Springs, west of the Continental Divide, in Grand County, and divert part of it through the mountain range to furnish additional water for irrigation in Boulder, Larimer, Weld, Morgan, Logan, Sedgwick and Washington counties on the eastern slope.

There were many diversified interests which had to be harmonized before authorization for its construction could be obtained. The Colorado River Compact of 1922, among states in the Colorado River basin, provided for division of the water among the states. Before the surplus water could be diverted to the eastern slope, owners of water rights in the western slope basin demanded assurance that their supply would not be jeopardized. The natural beauties of the Rocky Mountain national park are not to be disturbed. The recreational and fishing facilities and scenic attractions of Grand Lake and the Colorado River area are to be preserved. The present surface elevations of water in Grand Lake must be maintained to prevent a variation in these elevations greater than their normal fluctuations. The river flow conditions must be maintained for the benefit of the power, sanitary and domestic users of the water. When the committee report was submitted to the House of Representatives on July 6, 1937, documents filed by the various interests showed that all these requirements had been provided for in the plans submitted by the reclamation service.

Another preliminary step to the inauguration of the project was the enactment of a law by the state legislature, approved May 13, 1937, authorizing the creation of water conservation districts in the state whereby irrigation works may obtain support from indirect benefits as well as from direct benefits. This law permits a district to levy for construction purposes a tax of not more than one mill upon all taxable property of the district, and not more than one-half mill additional to cover delinquencies in collections. It is believed that the conservancy district plan of raising a portion of the revenues from the taxable property within the district to be benefited both directly and indirectly, will form the basis for the future development of irrigation projects that otherwise would be impossible because of the undue burden of paying the whole cost of the development from the use of water for irrigation.

The Northern Colorado Water Conservancy district was the first formed

under this law. This district has canals supplying 800,000 acres in the South Platte valley, of which 615,000 acres are irrigated, although the water supply is inadequate. The additional water supply is to be derived from the western slope through the Colorado-Big Thompson system. Reclamation bureau engineers estimate that 320,000 acre-feet annually can be delivered from the headwaters of the Colorado river without encroaching upon the water rights in the Colorado River basin in the state.

The government is to be reimbursed for construction costs from two sources. The power project will be financed and operated by the government and the cost repaid from the sale of power. The irrigation project is being financed by the government and the cost repaid by the Northern Colorado Water Conservancy district. The district has contracted to pay \$22,000,000, with a maximum liability of \$25,000,000, in 40 annual installments beginning after completion of construction. The annual cost is estimated at \$2 per acre-foot. About 50 cents of this annual construction cost will be paid by an ad valorem tax of one mill on all assessable property within the district.

The key engineering feature of the project is the 13.1-mile tunnel under the Continental Divide, which will be 69,240 feet long. It is of the circular section type, 9 feet and 9 inches in diameter inside the lining. It is listed as the fourth largest in the nation and will take four and one-half years to complete. Construction began June 23, 1940. The original estimated cost was \$7,271,000, but bids exceeded that amount and contracts are being awarded for specified sections. At the end of the 1942 fiscal year it was completed 22,800 feet in from the eastern portal and 10,100 feet in from the western portal.

The Green Mountain dam and power site is located 16 miles southeast of Kremmling where the Blue river enters the Colorado. Its primary purpose is to assure the maintenance of a normal water supply along the basin of the Colorado river. It is of the rock and earth embankment type, and will be 1,050 feet long at the crest, 1,665 feet thick at the base and 40 feet at the crest and 309 feet high. It requires the movement of 4,400,000 cubic yards of material. Construction began November 15, 1938, and it was 65 per cent completed at the end of the 1942 fiscal year. The utilization of power is due to begin in May, 1943. The power plant is under construction, 176 miles

of high-tension transmission lines and 12 transformer stations have been completed, and most of the equipment, including two giant turbines of 10,800 kilowatt capacity each, have been contracted and are being fabricated.

**Fruit Growers' Project**—The Fruit Growers' dam on Alfalfa Run, three miles north of Austin, in Delta county, was reconstructed by the bureau of reclamation for the storage of 4,100 acre-feet of water for use by fruit growers and farmers on 2,050 acres of highly developed land lying just downstream. It replaces an old dam built by the irrigators in 1898, which was breached and failed during a flood in June, 1937. It was approved by the President on January 10, 1938, was completed in 1939 at a cost of \$199,059, and was transferred to the Orchard City Irrigation District on March 1, 1940. Repayment of construction costs is to be made in 39 equal installments, the first of which became due December 31, 1941.

**Grand Valley Project**—The Grand Valley reclamation project consists of a strip of land about 40 miles in length and two to five miles wide on the northern edge of the Grand valley, in Mesa county, near the western boundary of the state and the city of Grand Junction. The average elevation is 4,700 feet above sea level. The source of the water supply is the Colorado river, from which it is diverted by a diversion dam eight miles northeast of Palisade into a main canal 55 miles in length. The water is then carried through lateral ditches by gravity to the land in the district.

Construction of the project was authorized September 23, 1912, and water was made available for the first time in 1915. It is operated by the government with funds advanced by the Grand Valley Water Users' association.

The cost of the project to June 30, 1941, was \$5,020,691. Under an act of congress approved May 25, 1926, a readjustment of repayable costs was made by a charge-off of \$812,374. After giving effect to this adjustment, there remained payable by water users over a period of years a total of \$4,081,774 as of June 30, 1941.

There are within the project 526 irrigated farms with a population of 1,700, and on or tributary to the project are six towns with a population of 19,900; 17 schools and 38 churches; three banks with 19,250 depositors and deposits amounting to \$4,638,445.

The project contains 40,493 acres for which the reclamation bureau is prepared to supply water. This includes

10,400 acres of public land, of which 8,966 acres have been entered and 1,434 acres are withdrawn from entry; 22,021 acres of private land and 8,072 acres of Class 5 or grazing land. In addition there are 10,113 acres possible for ultimate development.

The area irrigated is 19,703 acres and the area in cultivation, 19,971 acres. The total crop value in 1940 was \$435,016, and the average per acre \$22. The average crop returns per acre for the 10-year period 1931-1940 was \$29.31. Average size of farm is 40.6 acres. The principal crops are beans, alfalfa, potatoes, corn and beets.

The Orchard Mesa division, a unit of the project operated and maintained by the Orchard Mesa Irrigation district, was completed in 1926 and subsequently reconstructed by the reclamation bureau. The district contracted to pay the cost of reconstruction in 40 graduated annual installments beginning in 1927. Installments due to June 30, 1941, amounted to \$654,750, of which \$649,850 had been paid. The irrigable area is 10,027 acres, of which 8,027 acres are in cultivation. Crop value in 1940 was \$549,729 or \$68.48 per acre.

A hydroelectric plant operated by the Public Service Co. of Colorado with a capacity of 3,000 kilowatts was placed in operation in 1932 to provide power for pumping.

In addition to the service described the project supplies water to 8,400 acres under the Warren act, of which 7,700 acres are in cultivation and produced crops valued at \$570,000 in 1940.

Inquiries concerning these lands should be addressed to the Project Superintendent, Grand Valley Project, Grand Junction, Colorado.

**Mancos Project**—This project is designed to rehabilitate an established agricultural area located along the Mancos river near the town of Mancos, Montezuma county, now inadequately irrigated, and to provide employment during construction. The bureau of reclamation will construct storage works to furnish a supplemental water supply for 10,000 acres and a new water supply for the Mesa Verde national park. The national park service will furnish a CCC camp to assist in constructing the dam and a pipe line to the park. The department of agriculture will make studies of farm practices, acquire and develop lands in connection with land-use readjustments, and assist in the reorganization and improvement of water distribution systems.

The project was authorized under

the water conservation and utilization program (act of August 11, 1939, as amended), and was approved by the President on October 24, 1940. Construction began in the summer of 1941, and will require three and one-half years to complete. The principal engineering feature is the dam on Jackson gulch, four miles north of the town of Mancos.

Estimated cost to complete is \$1,600,000, of which the reclamation bureau will furnish \$1,475,000 and the department of agriculture \$125,000. Of the total cost, \$680,000 is reimbursable. The non-reimbursable costs are represented by contributions made by the CCC and Works Projects administration.

**Paonia Project**—This project was authorized by the department of the interior appropriation act of 1940, and construction is temporarily held in abeyance during the national emergency. The land is located in Gunnison and Delta counties, and the principal engineering feature is a storage reservoir on Spring creek with a capacity of 10,000 acre-feet and the enlargement of the Fire Mountain canal from 85 to 140 second-feet capacity. The estimated cost is \$1,203,000 of which \$900,000 was available to June 30, 1941.

**Pine River Project**—The Pine River project is located in Archuleta and La Plata counties in the Pine river valley between the Piedra and Florida rivers and will provide a supplemental water supply for land already under canal systems owned and operated by private ditch companies. The irrigable area consists of 37,680 acres, of which 31,280 acres are private land, 400 acres are unsold state land and 6,000 acres are Indian land. The principal engineering feature of the project is the Vallecito dam, 14 miles north of Bayfield. This dam is one of the largest of its type constructed by the bureau of reclamation. It consists of a rolled earth embankment with rock fill on the downstream slope. It is 600 feet thick at the base and 35 feet at the crest, 150 feet high and has a crest length of 4,000 feet. The embankment contains 3,200,000 cubic yards of earth and 475,000 cubic yards of cobble, rock, gravel and riprap.

Construction of the dam was approved by the President on June 17, 1937. Construction started May 14, 1938, and storage began in 1941. It was dedicated on September 1, 1941. Total cost was \$3,300,000, all of which was provided for in the original appropriation. The reservoir has a capacity

of 126,000 acre-feet and is expected ultimately to provide irrigation for 69,080 acres.

The Southern Ute Indians own approximately 18,000 acres within the project, which includes the 6,000 acres now irrigated and through the office of Indian affairs they entered into a contract with the United States on December 6, 1939, to pay one-sixth of the reimbursable construction cost of Vallecito dam and reservoir. The Pine River Irrigation District, composed of the water users, made a similar contract as of April 15, 1940, to pay five-sixths. The Indian payments will be made in two installments and the water users' association payments will extend over a period of 38 years.

**San Luis Valley Project**—This is a multiple-purpose project which by regulation of the flow of the Rio Grande and Conejos rivers will provide flood control and a supplemental water supply for 400,000 acres of irrigated land in Conejos, Costilla, Alamosa, Rio Grande and Saguache counties, and will alleviate flood damage along these streams in Colorado and New Mexico. The estimated cost is \$17,887,000, of which \$152,000 was appropriated by congress for preliminary work. The secretary of the interior approved it April 11, 1940, but actual construction has been deferred temporarily on account of the national emergency. Construction will include a dam on the Rio Grande river at Wagon Wheel Gap, near Creede, of the concrete arch type 430 feet high and 1,195 feet long at the crest. The reservoir thus formed will have a capacity of 1,000,000 acre-feet and a surface area of 8,000 acres.

**Uncompahgre Project**—The Uncompahgre reclamation project is located in Montrose, Delta and Gunnison counties, and the sources of its water supply are the Gunnison, Uncompahgre and Taylor rivers. The land under the project is in Montrose and Delta counties along the Uncompahgre river and extends from a point about eight miles south of Montrose to the town of Delta, 22 miles north of Montrose, the valley having an average width of approximately 10 miles. The elevation ranges from 4,900 feet at the lower end to 6,400 feet above sea level at the upper end.

Construction of the Uncompahgre project was authorized June 7, 1904, and the first water was available in 1908. The Gunnison tunnel, a notable engineering accomplishment, was formally opened by President Taft on September 23, 1909. Water from the Gunnison river is diverted through the

tunnel into the Uncompahgre valley. A description of this tunnel is given in a separate chapter under the title of "Notable Tunnels in Colorado."

Provisions for an additional water supply to be diverted through the tunnel were made by the construction of the Taylor Park reservoir on the Taylor river, 32 miles northeast of the town of Gunnison. It was financed through an allotment of \$2,725,000 out of PWA funds on December 7, 1933, and was completed in 1938. The reservoir has a storage capacity of 106,230 acre-feet and a surface area of 2,060 acres. The dam is of the earth-filled, rock-faced type, and has a structural height of 204 feet, a base thickness of approximately 900 feet and a crest thickness of 35 feet. Its crest length is 613 feet.

The diversion works include seven dams, 150 miles of canals and 415 miles of laterals. The system also utilizes waste, seepage, spring, percolating and return water arising within the project for which 199 miles of drainage works was constructed.

The project is operated and maintained by the Uncompahgre Valley Water Users' association. Construction cost charged to the project to June 30, 1941, was \$8,880,350. After adding the operation and maintenance and other costs and deducting non-reimbursable revenues and \$1,260,792 charge-offs authorized by the act of May 25, 1926, the total amount repayable as of June 30, 1941, was \$8,094,525. Repayments began in 1922 and run for 40 years. Payments due and payable as of June 30, 1941, were \$897,635 and amount not due was \$7,196,890.

The area within the project to which the reclamation bureau was prepared to supply water in 1940 consisted of 91,633 acres, of which 12,745 acres were entered public land, 59,526 acres were private land and 19,526 acres were Class 5 land. No area for development in the near future has been proposed, but there are 18,613 acres available for development, bringing the ultimate irrigable area up to 110,246 acres. Total crop value in 1940 was \$1,157,530, an average return of \$19.16 an acre. The average crop return per acre for the 10-year period 1931-1940 was \$21.47 an acre. The principal crops are alfalfa, wheat, corn, oats, potatoes, beans, barley, sugar beets and onions.

There were 1,885 farms in the project in 1940 with a population of 6,289. Three towns—Montrose, Olathe and Delta—located in the project have a population of 9,186. There are 29 public schools and 35 churches. Bank deposits amounted to \$3,527,094.

The United States government exercises no restrictions relative to the sale of privately-owned lands except that water rights for such land cannot be granted in excess of 160 irrigable acres. The terms upon which land can be purchased depend entirely upon the individual transaction, and the price is based largely on the improvements, type of soil and location. The general character of the available land ranges from fair to excellent, two types of soil prevailing.

Inquiries concerning the lands within the project should be addressed to the Project Superintendent, Uncompahgre Project, Montrose, Colorado.

**Blue River-South Platte Project**—This project is designed to divert water from the upper tributaries of the Blue river in the Colorado basin to tributaries of the South Platte river to supplement the municipal supply of Denver and the irrigation supply of land in the vicinity of the municipality. It is comparable in size and importance with the Colorado-Big Thompson project. A tentative report has been completed and additional surveys and studies were in progress as of June 30, 1942. The city and county of Denver and the Denver water board jointly appropriated \$200,000 for the calendar year of 1942 for the continuation of this preliminary work in cooperation with the reclamation bureau.

**Miscellaneous Projects**—In addition to those named, there are 20 reclamation and water conservation and utilization projects in the state in the preliminary stages. Extensive surveys and economic studies have been made on a number of them and tentative reports completed. It is doubtful, however, that construction will be authorized on any of them until after the end of the war. One exception may be the construction of a power dam and reservoir with a capacity of 6,000,000 acre-feet of water on the Colorado river between Grand Junction and Moab, Utah, the estimated cost, including power plant, being \$30,000,000. Decision to authorize it as a defense measure hinges on plans for the construction of a magnesium plant in that general area.

#### MARTIN (CADDOA) RESERVOIR

The flood control act of congress approved June 22, 1936, authorized the construction by the corps of engineers of the United States army of the Caddoa reservoir project on the Arkansas river in Bent county, southeastern Colorado, to provide flood control and water conservation in Colorado and

Kansas. The name of the project was officially changed to the John Martin reservoir in 1940, following the death of Mr. John A. Martin of Pueblo, congressional representative from the third district, who had been active for many years in promoting its construction.

The project is located on the Arkansas river 18 miles above the city of Lamar, 295 miles below its source and 1,155 miles above its mouth. The dam will be a concrete and earth fill structure approximately 130 feet high with an overflow gated spillway 1,174 feet long. The earth section extending to the abutments will flank the concrete gravity section in the valley and earth dikes on each abutment in continuation of the earth section will extend to high ground, making the over-all length of the structure approximately 2.6 miles. The reservoir, which is one unit of a comprehensive reservoir plan for flood control in the Arkansas river basin, will have a storage capacity of 270,000 acre-feet for flood control, and 385,000 acre-feet for conservation.

The reservoir created by the dam at maximum pool will be 14.2 miles in length, with an average width of 1.9 miles and will cover an area of 27½ square miles. It will submerge the present site of Caddoa village, a large section of the main line of the Atchison, Topeka & Santa Fe railroad and part of a county highway, and will back water up to Fort Lyon, where is located a hospital of the United States veterans administration. In order to protect Fort Lyon, an earth levee 2.3 miles long will be constructed around the hospital.

A contract was awarded on November 15, 1939, for the construction of a new roadbed and masonry for the railroad, involving the removal and replacement of approximately 20 miles of main line track. This contract, in which a total of 2,373,208 cubic yards of embankment, 1,208 cubic yards of concrete, and 37,852 pounds of reinforcing steel was placed, was completed December 6, 1940. Track-laying, ballasting, installation of signal system and salvaging of the abandoned roadbed also was finished in the same month.

Construction by continuing contract of the dam and appurtenant works was commenced August 23, 1940 and was 26.8 per cent completed on June 30, 1941, and the project as a whole was 42.3 per cent completed as of the same date. It is estimated that the project will be 100 per cent completed by June 30, 1943. Estimated costs, revised in

1940, are placed at \$14,200,000, of which \$10,700,000 is for construction and \$3,500,000 for land and damages. Total cost to June 30, 1941, was \$5,943,777, and amount appropriated to the same date was \$10,709,288.

### IRRIGATION AND DRAINAGE

The irrigation of land for the growing of crops by applying water to the soil as it is needed is as old as civilization itself, but in the United States the method is used, with few exceptions, only in the western half of the country in a district extending from the center of Kansas to the Pacific coast. The water used for this purpose is diverted to the soil direct from flowing streams, from reservoirs where it has been stored during flood seasons, or by pumping it from wells.

Farming under irrigation began in Colorado almost as soon as gold mining. Its development began on a small scale and was not very rapid at first but was steady and persistent, until today the annual output of the state's irrigated farms is more than ten times as great as that of its gold mines. Land in Colorado does not carry title to water rights unless so stated in the deed, and rights usually are acquired independent of the land. Water is prorated among users according to the priority of their rights as established by diversion and application to beneficial use.

Concerning the earliest record of irrigated farming, the History of Agriculture in Colorado, published in 1926 by the state board of agriculture, says: "While much must be left to conjecture in discussing Indian irrigation practice, there are authentic records as to the Spanish colonists from 1598 to the time when settlement in Colorado began. The first court decrees for irrigation rights in Colorado streams were granted to Spanish-American users in 1852, five years after the first Mormons arrived in the Salt Lake valley. While the Mormons were without previous experience in the use of water on crops, the early Spanish-American farmers who settled on what later became Colorado soil had long been accustomed to irrigation in the Taos country from which they came. In fact, the ancestors of these Colorado colonists came from a country where irrigation was practiced extensively at the time the first Spanish explorers crossed the Atlantic to the new world."

The first formal decree of appropriation for irrigation water, according to the same authority, was granted in Costilla and Conejos counties in

April, 1852, the decree carrying 13.5 second-feet from the Culebra river. In northern Colorado David K. Wall, an outstanding figure in pioneer history, is popularly conceded to have been the first to divert water for agricultural purposes, his ditch drawing water from Clear creek, in Jefferson county. Following these first ventures into the field of irrigated farming, development came rapidly.

Between 1860 and 1869 large community irrigation enterprises were undertaken. Up to this time only short ditches had been in operation, carrying water directly from the streams to the low lands lying in the narrow creek and river valleys. Most of these pioneer irrigation systems were individual enterprises, watering from 10 to 100 acres each. Irrigation on a large scale was first undertaken in the Greeley district, in northern Colorado, the water being taken from the South Platte river and its tributaries. The undertakings were generally successful and other districts immediately followed the example of northern Colorado. In 1889, when the United States census bureau made its first detailed report on irrigation enterprises, Colorado ranked second among the states in irrigation development, with 890,735 acres of land under ditch. California was first at that time, with 1,004,223 acres irrigated.

Colorado took first place in the area of land irrigated in 1899 and held that rank until 1919, when California went ahead of it as a result of the development of water from the drilling of wells. Colorado continues, however, to rank first among all the states in the area of land receiving its entire water supply from streams. These streams with their numerous tributaries, form the foundation of the state's irrigation system, not only from the normal stream flow, but as the channels through which water from melting snow in the mountains passes down to the lower lands during the summer months.

The administration of the public water supplies of the state is in the hands of a state engineer. For the purpose of administering the waters, the state is divided into seven divisions, each in charge of a division engineer; the divisions in turn are divided into districts, of which there are 70 in the state, each in charge of a water commissioner. The state engineer is appointed by the governor, subject to civil service regulations; the division engineers are appointed by the governor, with the approval of the senate; and the water commissioners are ap-

pointed by the governor upon the recommendation of the county commissioners of the counties included in each district, all subject, of course, to civil service regulations prescribed by constitutional amendment and by statute, after the acts designating methods of appointing these officials were passed.

Through the co-operation of the division engineers and the water commissioners under statutory provisions, the gathering of data each year is very thorough. Each commissioner reports to the division engineer for his district and the division engineers report to the state engineer. The records of the state engineer's office are complete and comprehensive as to stream discharges, quantity of water originating in Colorado and discharged into adjacent states, data on water returned to the streams, water in storage and other details of value in administering the irrigation laws. The 1,000 or more reservoirs in the state are inspected at regular periods, and a close check on all water users is maintained.

The census of irrigation shows that there were 8,713 irrigation enterprises in the state on January 1, 1940, and the investment in these up to that date was \$106,849,343. These are distributed as follows:

| Type                                 | Number       | Investment           |
|--------------------------------------|--------------|----------------------|
| Individual and partnership .....     | 7,864        | \$11,348,204         |
| Co-operative, incorporated .....     | 499          | 57,449,846           |
| Co-operative, unincorporated .....   | 251          | 1,214,947            |
| Irrigation district ..               | 21           | 15,621,957           |
| Commercial .....                     | 52           | 6,188,248            |
| U. S. Bureau of Reclamation .....    | 5            | 12,928,239           |
| U. S. Office of Indian affairs ..... | 1            | 711,032              |
| State .....                          | 2            | 165,000              |
| City and/or sewage..                 | 14           | 1,218,215            |
| Other .....                          | 4            | 3,665                |
| <b>Total .....</b>                   | <b>8,713</b> | <b>\$106,849,343</b> |

Of the total number of enterprises, 207 had an indebtedness on January 1, 1940, of \$22,810,607.

The data given above on United States reclamation projects includes construction costs incurred by the government in providing primary and supplemental supplies, and do not include the Colorado-Big Thompson project, the San Luis Valley, Pine River and Paonia projects.

Summaries of the census on irrigation are given in three accompanying tables. One summarizes the number, investment in, farms and areas irrigated, maintenance costs, and estimated completion costs, and a distribu-

tion of irrigation works for the state as a whole, with comparisons with other census years.

Another table summarizes investments, maintenance costs, charges assessed and average deliveries of water, by counties, for 1939 and 1940.

A third table gives a distribution of irrigation works by counties as of January 1, 1940.

Drainage enterprises, which are operated in part in connection with irrigation systems, are shown in separate tables.

### INDEBTEDNESS OF IRRIGATION ENTERPRISES

Irrigation enterprises primarily are utilities constructed for the purpose of serving the land with water in seasons and areas in which the rainfall is undependable and artificial means are necessary to make up deficiencies. Their cost varies extensively in proportion to the number of farms and acreage to which water is supplied. Many small enterprises are constructed by groups of farmers who join in partnerships to distribute the cost. They increase in scope up to the incorporated co-operative organizations and irrigation districts organized under the irrigation laws of the state. The larger enterprises usually are financed on borrowed money which is repaid in periodical installments and the terms generally are based on the earning power of the land thus brought into production.

Of 8,713 enterprises in the state in 1940 representing an investment of \$106,849,343, there were 207 reporting a total indebtedness of \$22,810,607 in that year. Only 20 of these reported arrearages on December 31, 1939, the total amount being \$1,699,096, for the land assessed for payments in that year, based on primary enterprises. There were 3,098,782 acres assessed in 1939 by the 207 enterprises reporting and the charges made for that year amounted to \$2,491,161, of which \$2,283,876 or 91.7 per cent was collected.

The incorporated co-operatives, of which 165 reported, accounted for 67 per cent or \$1,700,713 of the \$2,491,161 charges made in 1939 and of that amount \$1,685,867 or 99.1 per cent was collected. The figures are significant in showing the comparative healthy condition of irrigation investments as against the speculative stages of the industry many years ago.

**IRRIGATION: SUMMARY OF ENTERPRISES, INVESTMENT, OPERATING COSTS AND LAND IRRIGATED IN COLORADO, BY CENSUS YEARS**

(Source: Bureau of the Census)

|   | 1940          | 1930          | 1920          | 1910          |
|---|---------------|---------------|---------------|---------------|
| <b>Irrigation enterprises:</b>  |               |               |               |               |
| Number .....  | 8,713         | 6,509         | 6,634         | 9,065         |
| Farms irrigated, number.....  | 29,766        | 31,288        | 28,756        | 25,857        |
| Area irrigated, acres.....  | 3,220,685     | 3,393,619     | 3,348,385     | 2,792,032     |
| Area existing works were capable of supplying with water, acres.....                        | 3,913,542     | 4,078,712     | 3,855,348     | 3,990,166     |
| Area irrigable, acres.....  | 4,283,250     | 4,528,251     | *15,220,588   | *5,917,457    |
| Additional area existing works were capable of supplying with water, acres.....             | 692,857       | 685,093       | 506,963       | 1,198,134     |
| Additional irrigable area in enterprises not supplied with water, acres.....                | 1,062,565     | 1,134,632     | .....         | .....         |
| <b>Investment in irrigation enterprises:</b>  |               |               |               |               |
| Total investment.....   | \$106,849,343 | \$ 87,603,240 | \$ 88,302,442 | \$ 56,636,443 |
| Increase or decrease (—) over preceding census, per cent .....                              | 22.0          | —0.8          | 55.9          | 381.7         |
| Average per acre based on area works were capable of supplying with water..\$               | 27.30         | \$ 21.48      | \$ 22.90      | \$ 14.19      |
| Increase or decrease (—) over preceding census, per cent .....                              | 27.1          | —6.2          | 61.4          | 94.4          |
| Estimated completed cost of existing enterprises.....                                       | \$109,808,466 | \$ 91,845,804 | \$ 95,198,423 | \$ 76,443,329 |
| Average per acre based on irrigable area in enterprises..\$                                 | 25.64         | \$ 20.28      | \$ 18.24      | \$ 12.92      |
| Average annual cost per acre irrigated for maintenance and operation of irrigation works.\$ | 0.81          | \$ 0.85       | \$ 0.87       | \$ 0.75       |
| <b>Irrigation Works:</b>  |               |               |               |               |
| Average size of enterprise based on irrigable area, acres                                   | 484           | 688           | *787          | (2)           |
| Diversion dams, number.....   | 4,792         | 3,672         | (2)           | (2)           |
| <b>Main canals and laterals:</b>  |               |               |               |               |
| Length, miles.....  | 19,864        | 21,381        | 27,593        | (2)           |
| Capacity, cubic feet, per second† .....   | 139,780       | 123,652       | 119,558       | (2)           |
| Pipe lines, length, miles‡.....   | 245.1         | 132.0         | (2)           | (2)           |
| Storage dams, number.....   | 1,015         | 706           | (2)           | (2)           |
| <b>Reservoirs:</b>  |               |               |               |               |
| Number .....  | 1,071         | 765           | 979           | (2)           |
| Capacity, acre feet.....  | 2,071,522     | 1,924,982     | 2,406,372     | (2)           |
| <b>Wells, flowing:</b>  |               |               |               |               |
| Number .....  | 886           | 621           | 476           | (2)           |
| Yield, gallons per minute..   | 54,859        | 39,644        | 20,139        | (2)           |
| <b>Wells, pumped:</b>   |               |               |               |               |
| Number .....  | 2,878         | 654           | 527           | (2)           |
| Yield, gallons per minute...  | 1,929,798     | 237,903       | 210,094       | (2)           |
| <b>Pumping plants:</b>  |               |               |               |               |
| Number .....  | 2,806         | 516           | 406           | (2)           |
| Prime movers, capacity, horsepower .....  | 49,157        | 11,204        | 8,635         | (2)           |
| Pumps, gallon per minute..  | 2,263,375     | 437,250       | 299,726       | (2)           |
| <b>Pumping Lift:</b>  |               |               |               |               |
| Average feet, all sources...  | 32            | 25            | 23            | (2)           |
| From pumped wells.....  | 33            | (2)           | (2)           | (2)           |

\*Total area in enterprises.

(2)Not available.

†Capacity at main canal heading.

‡Includes siphons and farm pipe lines.

**IRRIGATION: INVESTMENT, AVERAGE MAINTENANCE COST, AVERAGE ASSESSMENTS, INDEBTEDNESS, WATER DELIVERED AND AVERAGE COST OF WATER, BY COUNTIES, CENSUS OF 1940**

(Source: Bureau of the Census)

| COUNTY       | Total Investment All Enterprises | Average Investment Per Acre Irrigated | Average Maintenance and Operation Cost Per Acre Irrigated | Average Annual Charge Per Acre Assessed | Indebtedness to Dec. 31, 1939 | Average Water Delivered Per Acre Irrigated, acre-feet | Average Cost of Water Per Acre, Irrigated |
|--------------|----------------------------------|---------------------------------------|---|---|-------------------------------|---|---|
| Adams        | \$ 1,929,030                     | \$28.27                               | \$ 1.30   | \$ 0.87                                 | \$ 106,576                    | 1.6   | \$ 1.49                                   |
| Alamosa      | 1,512,466                        | 13.27                                 | 0.30  | 0.36                                    | 140,587                       | 1.2   | 0.54                                      |
| Arapahoe     | 845,921                          | 37.19                                 | 1.49  | 1.68                                    | 14,351                        | 1.2   | 2.20                                      |
| Archuleta    | 126,357                          | 8.19                                  | 0.57  | 0.41                                    | 49                            | 2.1   | 0.43                                      |
| Baca         | 537,447                          | 177.90                                | 1.07  | 1.25                                    | 1,166                         | 2.8   | 1.37                                      |
| Bent         | 1,978,190                        | 32.64                                 | 0.70  | 1.06                                    | 294,696                       | 1.9   | 1.24                                      |
| Boulder      | 1,327,014                        | 11.33                                 | 0.35  | 0.59                                    | 202,738                       | 1.1   | 0.57                                      |
| Chaffee      | 222,960                          | 7.76                                  | 0.20  | 0.13                                    | .....                         | 4.9   | 0.20                                      |
| Cheyenne     | .....                            | .....                                 | .....   | .....                                   | .....                         | .....   | .....                                     |
| Clear Creek  | 6,285                            | 17.75                                 | 0.91  | .....                                   | .....                         | 2.5   | 1.47                                      |
| Conejos      | 2,159,318                        | 14.51                                 | 0.19  | 0.29                                    | 181,384                       | 1.6   | 0.32                                      |
| Costilla     | 2,402,611                        | 50.63                                 | 0.77  | 1.00                                    | 825,551                       | 1.6   | 2.09                                      |
| Crowley      | 4,829,865                        | 109.24                                | 0.69  | 2.95                                    | 2,300,376                     | 1.5   | 3.83                                      |
| Custer       | 55,593                           | 2.71                                  | 0.17  | 0.08                                    | .....                         | 0.8   | 0.16                                      |
| Delta        | 4,703,890                        | 41.41                                 | 0.79  | 1.00                                    | 1,986,802                     | 3.6   | 1.05                                      |
| Denver       | 84,701                           | 91.97                                 | 3.45  | 3.60                                    | 416                           | 7.3   | 3.60                                      |
| Dolores*     | 5,445                            | 9.40                                  | 1.55  | .....                                   | .....                         | 3.0   | 1.80                                      |
| Douglas      | 295,194                          | 58.56                                 | 1.88  | 2.31                                    | .....                         | 1.0   | 2.45                                      |
| Eagle        | 551,222                          | 13.87                                 | 0.50  | 0.30                                    | 11,000                        | 7.6   | 0.49                                      |
| Elbert       | 24,317                           | 30.36                                 | 1.91  | .....                                   | .....                         | 0.6   | 1.89                                      |
| El Paso      | 593,142                          | 44.95                                 | 1.05  | 2.04                                    | 266,050                       | 1.5   | 2.15                                      |
| Fremont      | 1,711,651                        | 77.80                                 | 1.57  | 2.59                                    | 68,599                        | 3.2   | 2.10                                      |
| Garfield     | 2,025,306                        | 30.89                                 | 0.55  | 0.89                                    | 37,048                        | 4.7   | 0.79                                      |
| Gilpin       | 2,850                            | 19.00                                 | 2.67  | .....                                   | .....                         | 0.5   | 2.67                                      |
| Grand        | 549,749                          | 14.12                                 | 0.67  | 0.21                                    | 159                           | 6.0   | 0.69                                      |
| Gunnison     | 549,996                          | 7.97                                  | 0.39  | 0.18                                    | .....                         | 7.1   | 0.38                                      |
| Hinsdale     | 30,925                           | 6.72                                  | 0.39  | .....                                   | .....                         | 1.4   | 0.36                                      |
| Huerfano     | 270,442                          | 14.37                                 | 0.53  | 0.41                                    | .....                         | 1.4   | 0.55                                      |
| Jackson      | 789,860                          | 5.12                                  | 0.32  | 0.07                                    | .....                         | 3.0   | 0.33                                      |
| Jefferson    | 1,585,792                        | 31.94                                 | 0.89  | 0.84                                    | 115,349                       | 1.7   | 1.03                                      |
| Kiowa        | 90,755                           | 872.64                                | 7.34  | .....                                   | .....                         | 0.8   | 6.72                                      |
| Kit Carson   | .....                            | .....                                 | .....   | .....                                   | .....                         | .....   | .....                                     |
| Lake         | 16,524                           | 1.94                                  | 0.24  | .....                                   | .....                         | 3.8   | 0.26                                      |
| La Plata*    | 1,875,095                        | 24.93                                 | 0.62  | 0.42                                    | 44,305                        | 2.7   | 0.48                                      |
| Larimer      | 6,713,002                        | 44.86                                 | 0.85  | 1.45                                    | 1,308,699                     | 1.5   | 1.52                                      |
| Las Animas   | 1,217,954                        | 38.35                                 | 0.85  | 0.93                                    | 120,770                       | 1.3   | 0.92                                      |
| Lincoln      | 14,975                           | 61.37                                 | 3.54  | .....                                   | .....                         | 4.0   | 3.54                                      |
| Logan        | 3,528,970                        | 35.23                                 | 1.04  | 0.62                                    | 33,793                        | 2.0   | 0.82                                      |
| Mesa         | 5,848,890                        | 54.98                                 | 1.74  | 1.83                                    | 3,584,687                     | 5.0   | 1.66                                      |
| Mineral      | 22,420                           | 3.61                                  | 0.28  | 0.25                                    | .....                         | 1.8   | 0.29                                      |
| Moffat       | 304,545                          | 15.71                                 | 1.02  | 0.40                                    | 7,701                         | 2.0   | 1.07                                      |
| Montezuma    | 4,833,067                        | 100.78                                | 1.06  | 1.39                                    | 85,075                        | 2.6   | 1.46                                      |
| Montrose     | 7,926,549                        | 91.28                                 | 1.32  | 1.35                                    | 6,047,546                     | 5.1   | 1.53                                      |
| Morgan       | 7,205,136                        | 65.33                                 | 1.63  | 1.69                                    | 672,382                       | 2.7   | 2.31                                      |
| Otero        | 2,700,860                        | 33.22                                 | 0.92  | 0.98                                    | 432,595                       | 2.6   | 1.18                                      |
| Ouray        | 213,145                          | 12.79                                 | 0.32  | 0.25                                    | .....                         | 4.4   | 0.41                                      |
| Park         | 199,077                          | 4.75                                  | 0.38  | .....                                   | .....                         | 3.9   | 0.38                                      |
| Phillips     | 10,667                           | 30.48                                 | 3.57  | .....                                   | .....                         | (1)   | (1)                                       |
| Pitkin       | 248,679                          | 14.00                                 | 0.57  | 0.49                                    | .....                         | 6.9   | 0.47                                      |
| Prowers      | 3,817,541                        | 43.97                                 | 0.73  | 1.03                                    | 168,951                       | 1.6   | 1.12                                      |
| Pueblo       | 2,365,651                        | 48.45                                 | 1.66  | 1.58                                    | 210,521                       | 2.1   | 1.80                                      |
| Rio Blanco   | 549,585                          | 14.83                                 | 0.56  | 0.27                                    | 750                           | 3.9   | 0.55                                      |
| Rio Grande   | 4,784,002                        | 27.13                                 | 0.71  | 0.30                                    | 1,528,477                     | 1.9   | 0.72                                      |
| Routt        | 594,175                          | 12.50                                 | 0.52  | 0.77                                    | 80,950                        | 3.8   | 0.46                                      |
| Saguache     | 1,967,656                        | 13.31                                 | 0.32  | 0.38                                    | 166,440                       | 1.3   | 0.36                                      |
| San Juan     | .....                            | .....                                 | .....   | .....                                   | .....                         | .....   | .....                                     |
| San Miguel*  | 367,890                          | 15.17                                 | 0.22  | 0.27                                    | 3,825                         | 1.9   | 0.28                                      |
| Sedgwick     | 655,085                          | 30.12                                 | 0.92  | 0.66                                    | .....                         | 1.4   | 0.71                                      |
| Summit       | 119,259                          | 13.34                                 | 0.88  | .....                                   | .....                         | 6.9   | 0.88                                      |
| Teller       | 4,721                            | 5.22                                  | 1.16  | .....                                   | .....                         | 0.5   | 1.08                                      |
| Washington   | 379,816                          | 38.79                                 | 1.37  | 0.53                                    | 6,333                         | 2.5   | 1.98                                      |
| Weld         | 16,483,611                       | 39.38                                 | 1.13  | 1.06                                    | 1,750,630                     | 1.8   | 1.69                                      |
| Yuma         | 31,570                           | 11.58                                 | 1.04  | 0.72                                    | 3,280                         | 2.0   | 1.08                                      |
| All other    | 932                              | (1)                                   | (1)   | .....                                   | .....                         | (1)   | (1)                                       |
| Total, state | \$106,849,343                    | \$33.18                               | \$ 0.81   | \$ 0.94                                 | \$22,810,607                  | 2.6   | \$ 1.10                                   |

\*Part annexed to San Miguel county in 1925.

(1) Total area in enterprises.

**IRRIGATION: NUMBER OF ENTERPRISES, DAMS, RESERVOIRS AND WELLS AND LENGTH OF CANALS AND LATERALS, BY MILES, BY COUNTIES, CENSUS OF 1940**

(Source: Bureau of the Census)

| COUNTY       | *Number Enterprises | Dams       |          | Main Canals and Laterals (Miles) | Number Reservoirs | Wells   |         |
|--------------|---------------------|------------|----------|----------------------------------|-------------------|---------|---------|
|              |                     | Diver-sion | Stor-age |                                  |                   | Flowing | Pumping |
| Adams        | 313                 | 12         | 31       | 277.5                            | 42                | ...     | 321     |
| Alamosa      | 137                 | 26         | 2        | 388.1                            | 2                 | 136     | 80      |
| Arapahoe     | 46                  | 9          | 7        | 124.2                            | 12                | 4       | 31      |
| Archuleta    | 177                 | 102        | 6        | 201.4                            | 6                 | ...     | ...     |
| Baca         | 18                  | 7          | 7        | 39.0                             | 9                 | 3       | 4       |
| Bent         | 44                  | 10         | 7        | 193.0                            | 7                 | ...     | 31      |
| Boulder      | 157                 | 104        | 40       | 540.8                            | 42                | ...     | 5       |
| Chaffee      | 130                 | 64         | 4        | 382.4                            | 4                 | ...     | ...     |
| Cheyenne     | ...                 | ...        | ...      | ...                              | ...               | ...     | ...     |
| Clear Creek  | 19                  | 14         | 14       | 3.0                              | 12                | ...     | ...     |
| Conejos      | 171                 | 151        | 5        | 539.1                            | 4                 | 14      | 39      |
| Costilla     | 43                  | 43         | 5        | 313.1                            | 7                 | ...     | ...     |
| Crowley      | 21                  | 2          | 14       | 160.5                            | 14                | ...     | 31      |
| Custer       | 155                 | 56         | 4        | 163.1                            | 1                 | ...     | 2       |
| Delta        | 386                 | 209        | 168      | 956.2                            | 167               | ...     | ...     |
| Denver       | 4                   | 1          | ...      | 11.0                             | ...               | ...     | ...     |
| Dolores†     | 17                  | 29         | 1        | 20.0                             | 1                 | ...     | ...     |
| Douglas      | 73                  | 55         | 3        | 121.9                            | 3                 | ...     | 1       |
| Eagle        | 260                 | 23         | 9        | 508.6                            | 13                | ...     | ...     |
| Elbert       | 15                  | 6          | 6        | 11.0                             | 9                 | ...     | 7       |
| El Paso      | 108                 | 49         | 63       | 123.2                            | 67                | 1       | 42      |
| Fremont      | 187                 | 74         | 16       | 263.0                            | 19                | 15      | 9       |
| Garfield     | 342                 | 121        | 21       | 721.4                            | 21                | ...     | ...     |
| Gilpin       | 4                   | 11         | 4        | 10.0                             | 4                 | ...     | ...     |
| Grand        | 201                 | 147        | 18       | 391.4                            | 16                | ...     | 1       |
| Gunnison     | 287                 | 290        | 10       | 692.2                            | 11                | ...     | ...     |
| Hinsdale     | 34                  | 41         | 4        | 68.1                             | 6                 | ...     | ...     |
| Huerfano     | 213                 | 129        | 25       | 303.1                            | 24                | ...     | 4       |
| Jackson      | 216                 | 325        | 11       | 1,208.0                          | 12                | ...     | 2       |
| Jefferson    | 81                  | 51         | 37       | 310.1                            | 36                | ...     | 14      |
| Kiowa        | 20                  | 4          | 4        | 28.1                             | 7                 | ...     | 21      |
| Kit Carson   | ...                 | ...        | ...      | ...                              | ...               | ...     | ...     |
| Lake         | 28                  | 13         | 1        | 62.0                             | 1                 | ...     | ...     |
| La Plata‡    | 202                 | 136        | 7        | 573.6                            | 7                 | ...     | ...     |
| Larimer      | 275                 | 271        | 109      | 758.9                            | 102               | ...     | 104     |
| Las Animas   | 196                 | 169        | 17       | 388.9                            | 11                | ...     | 8       |
| Lincoln      | 7                   | ...        | 7        | 3.0                              | 7                 | ...     | 12      |
| Logan        | 117                 | 42         | 13       | 467.0                            | 13                | ...     | 107     |
| Mesa         | 317                 | 297        | 80       | 862.4                            | 88                | ...     | ...     |
| Mineral      | 45                  | 3          | 4        | 39.0                             | 5                 | ...     | ...     |
| Moffat       | 134                 | 16         | 18       | 203.5                            | 23                | 7       | 5       |
| Montezuma    | 131                 | 104        | 8        | 408.5                            | 10                | ...     | ...     |
| Montrose     | 113                 | 67         | 3        | 794.3                            | 3                 | ...     | ...     |
| Morgan       | 245                 | 14         | 2        | 325.1                            | 3                 | ...     | 242     |
| Otero        | 152                 | 8          | 2        | 295.0                            | 2                 | ...     | 146     |
| Ouray        | 112                 | 99         | 1        | 235.2                            | 4                 | ...     | ...     |
| Park         | 151                 | 265        | 16       | 358.1                            | 10                | ...     | ...     |
| Phillips     | 3                   | ...        | ...      | ...                              | ...               | ...     | 3       |
| Pitkin       | 123                 | 104        | 3        | 248.6                            | 3                 | ...     | ...     |
| Prowers      | 67                  | 10         | 4        | 654.2                            | 8                 | ...     | 71      |
| Pueblo       | 303                 | 80         | 34       | 492.0                            | 33                | 3       | 188     |
| Rio Blanco   | 157                 | 133        | 18       | 471.0                            | 19                | ...     | ...     |
| Rio Grande   | 353                 | 100        | 6        | 420.3                            | 6                 | 107     | 269     |
| Routt        | 335                 | 146        | 22       | 542.6                            | 34                | ...     | 1       |
| Saguache     | 282                 | 309        | 2        | 397.5                            | 4                 | 596     | 45      |
| San Juan     | ...                 | ...        | ...      | ...                              | ...               | ...     | ...     |
| San Miguel†  | 40                  | 63         | 8        | 151.4                            | 8                 | ...     | ...     |
| Sedgwick     | 21                  | 5          | 3        | 77.0                             | 2                 | ...     | 17      |
| Summit       | 57                  | 44         | ...      | 144.0                            | ...               | ...     | ...     |
| Teller       | 41                  | 32         | 4        | 9.0                              | 3                 | ...     | 2       |
| Washington   | 32                  | 2          | ...      | 18.0                             | ...               | ...     | 34      |
| Weld         | 908                 | 71         | 72       | 1,337.1                          | 78                | ...     | 976     |
| Yuma         | 24                  | 24         | 5        | 53.3                             | 5                 | ...     | 3       |
| All others‡  | 3                   | ...        | ...      | 1.0                              | 1                 | ...     | ...     |
| Total, state | 8,853               | 4,792      | 1,015    | 19,864.0                         | 1,071             | 886     | 2,878   |

\*Includes inter-county projects counted as independent projects for each county into which they extend.

†Part annexed to San Miguel county in 1925.

‡Includes Kit Carson, shown separately in 1930 census.

**RELATED RUNOFF FOR COLORADO STREAMS**  
**For Water Year October 1, 1940, to September 30, 1941**

(Compiled by L. T. Burgess, Chief Hydrographer, State Engineer's Office)  
 July, 1942

| STREAM  | Total Runoff |                     | July to Sept. (Incl.)<br>Runoff |                     | Number<br>of Years<br>of<br>Record |
|---|--------------|---------------------|---------------------------------|---------------------|------------------------------------|
|   | Acre<br>Feet | Per Cent<br>of Mean | Acre<br>Feet                    | Per Cent<br>of Mean |                                    |
| South Platte River at South<br>Platte* .....                        | 219,960      | 83                  | 83,090                          | 85                  | 50                                 |
| Clear Creek at Golden.....  | 175,300      | 98                  | 50,110                          | 82                  | 32                                 |
| St. Vrain Creek at Lyons....  | 86,170       | 88                  | 23,720                          | 73                  | 52                                 |
| Cache La Poudre River at<br>Canon Mouth near Ft. Col-<br>lins ..... | 224,000      | 74                  | 62,190                          | 73                  | 58                                 |
| Arkansas River at Canon City  | 505,800      | 97                  | 172,970                         | 109                 | 54                                 |
| Purgatoire River at Trinidad.                                       | 138,200      | 204                 | 39,190                          | 150                 | 34                                 |
| Rio Grande River near Del<br>Norte .....                            | 948,300      | 136                 | 305,890                         | 174                 | 52                                 |
| Saguache Creek near Saguache  | 70,700       | 127                 | 17,560                          | 116                 | 32                                 |
| Conejos River near Mogote...  | 385,700      | 141                 | 106,790                         | 185                 | 39                                 |
| Colorado River at Glenwood<br>Springs .....                         | 1,690,000    | 79                  | 314,490                         | 64                  | 42                                 |
| Blue River at Dillon.....   | 70,520       | 81                  | 21,570                          | 78                  | 32                                 |
| Dolores River at Dolores....  | 521,800      | 160                 | 97,680                          | 198                 | 32                                 |
| Yampa River at Steamboat<br>Springs .....                           | 302,800      | 86                  | 28,630                          | 79                  | 36                                 |
| White River near Meeker....   | 449,500      | 97                  | 78,350                          | 86                  | 38                                 |
| Animas River at Durango....   | 948,900      | 145                 | 264,680                         | 178                 | 43                                 |
| La Plata River at Hesperus..  | 65,530       | 184                 | 12,970                          | 238                 | 27                                 |

\*Corrected for storage.

**DRAINAGE AND DRAINAGE ENTERPRISES: SUMMARY FOR COLORADO,**  
**BY CENSUS YEARS**

(Source: Bureau of the Census)

Note—Drainage of agricultural lands is the act or process of drawing off excess water by underground conduits, pipes or tiles; or by open or covered surface trenches; or by pumping, for the purpose of improving soil conditions. A drainage enterprise is the area organized in one drainage district, or assessed for public drain or in corporate or private ownership operated as one undertaking.

|  | 1940        | 1930        | 1920        |
|--|-------------|-------------|-------------|
| Approximate land area of state (acres).....          | 66,538,880  | 66,341,120  | 66,341,120  |
| Land in drainage enterprises (acres).....            | 468,322     | 366,719     | 171,656     |
| Improved (acres).....                                | 411,635     | 302,023     | 123,031     |
| Unimproved:  |             |             |             |
| Timber and cut-over (acres).....                     | 5,780       | .....       | .....       |
| Other (acres).....                                   | 50,907      | 64,696      | 48,625      |
| Drainage sufficient for normal crop (acres).....     | 443,514     | 313,039     | (1)         |
| Partly drained, for partial crop (acres).....        | 14,880      | 48,176      | (1)         |
| Unfit to raise any crop for lack of drainage (acres) | 9,928       | 5,504       | *26,446     |
| In occupied farms (acres).....                       | 392,132     | 305,966     | (1)         |
| In planted crops (acres).....                        | 344,702     | 274,922     | (1)         |
| Idle (acres).....                                    | 82,996      | 69,780      | (1)         |
| Available for settlement (acres).....                | 13,072      | 53,513      | (1)         |
| Open ditches, completed (miles).....                 | 972.9       | 814.9       | 132.5       |
| Tile drains, completed (miles).....                  | 365.3       | 369.5       | 195.2       |
| Drainage pumping plants, capacity (horsepower)....   | 6           | .....       | .....       |
| Gallons per minute.....                              | 900         | .....       | .....       |
| Capital invested in enterprises.....                 | \$4,890,317 | \$4,358,866 | \$1,081,875 |
| Average per acre.....                                | \$ 10.44    | \$ 11.89    | \$ 6.30     |

(1) Not available.

\*Reported as "Swampy, subject to overflow, seeped, or alkali".

## Agriculture and Livestock

Number and Value of Farms, Acreage, Livestock, Farm Products, Dairying; Bees and Honey; Agricultural Adjustment; Farm Security; Soil Conservation; Agricultural Organizations; 4-H Clubs; Experiment Station; Extension Service

### AGRICULTURAL STATISTICS

All agricultural text and statistical matter except a general summary has been omitted from this volume of the Colorado Year Book and has been consolidated in a separate volume, known as "Colorado Agricultural Statistics," which is Volume Two of the Year Book.

This has been done for reasons of economy, as large numbers of inquiries concerning Colorado deal wholly with its agricultural development and possibilities. It is believed that a material saving will be effected by this segregation of statistics and text dealing solely with the agricultural industry.

The Agricultural Statistics volume contains detailed information concerning the acreage, yield, production and value of all Colorado crops, together with tables showing the history of farm prices over long periods of years, farm income, corn-hog ratios, livestock, marketing practices, etc.

This volume may be secured without cost by applying to the State Planning Commission, State Office Building, Denver, or the Division of Crop and Livestock Estimates of the United States Department of Agriculture, Custom House, Denver.

There were 51,436 farms in Colorado on April 1, 1940, as reported by the bureau of the census. This was a decrease of 8,520 or 14.2 per cent as compared with the same date in 1930. The area in farms increased, however, from 28,876,171 acres in 1930 to 31,527,240 acres in 1940, a gain of 2,651,069 acres or 14.2 per cent. The figures reflect a tendency toward fewer and larger farms, the average farm in 1940 comprising 612.9 acres as against 481.6 acres in 1930.

The value of farm property, including livestock, was \$499,497,660 on April 1, 1940, which compares with \$791,286,284 in 1930, a decrease of \$291,788,624 or 36.8 per cent. The comparative values indicate the change in conditions resulting from the deflationary period beginning with the earlier part of the decade between the two censuses.

A distribution of these values with per cent of decrease in 1940 as compared with 1930, in thousands of dollars (three last figures omitted) is as follows:

|                                 | 1940      | 1930      | % De-<br>crease |
|---------------------------------|-----------|-----------|-----------------|
| Land .....                      | \$303,496 | \$510,954 | 40.6            |
| Buildings .....                 | 84,847    | 118,391   | 28.3            |
| Implements and<br>machinery ... | 39,021    | 50,241    | 22.3            |
| Livestock on<br>farms .....     | 72,132    | 111,618   | 35.4            |
| Total .....                     | \$499,497 | \$791,286 | 36.8            |

The value of livestock products, crops harvested and forest products from these farms in 1939 amounted to \$125,432,732. The figures for 1929 are not exactly comparable with the later year, but for such items as are available, they are in thousands of dollars (last three figures omitted) as follows:

|                               | 1939      | 1929       | % De-<br>crease |
|-------------------------------|-----------|------------|-----------------|
| Livestock prod-<br>ucts ..... | \$ 63,107 | *\$ 32,114 | +96.5           |
| Crops harvested               | 62,210    | 127,063    | 51.0            |
| Forest products<br>sold ..... | 114       | 446        | 74.4            |
| Total .....                   | \$125,432 | \$159,624  | 21.4            |

\*Exclusive of livestock butchered and livestock sold.

(+)—Increase.

Agriculture, including the raising of livestock, has consistently maintained a relative higher rank in the state in recent years than the mining industry, but contests first place with the manufacturing industry. The relative position of the three as shown by the 1940 census is as follows:

|   | Value         |
|---|---------------|
| Manufactured products.....                            | \$221,642,666 |
| Agriculture (including live-<br>stock)* .....         | 125,432,723   |
| Mineral production.....                               | 64,071,621    |
| *Agriculture exclusive of livestock,<br>\$62,210,000. |               |

The cost of materials, supplies, fuel, etc., used in manufactures in 1939 was \$130,386,505. Since a very large portion of materials and supplies are the products of the mines and agriculture, a better measure of the relative position of the three industries is obtained by using the value added by manufacture which was \$91,256,161. On this basis agriculture ranked first, manufactures second and mineral production third.

In the following pages will be found tables giving a summary of agriculture by census years.

**AGRICULTURE: VALUE OF COLORADO FARMS, LAND AND BUILDINGS AND IMPLEMENTS AND MACHINERY, BY TENURE, BY CENSUS YEARS**

(Source: Bureau of the Census)

|  | 1940<br>(Apr. 1) | 1935<br>(Jan. 1) | 1930<br>(Apr. 1) | 1925<br>(Jan. 1) | 1920<br>(Jan. 1) | 1910<br>(Apr. 15) |
|--|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>Value of farms (land and buildings) -----</b> | \$388,343,847    | \$418,757,555    | \$629,346,675    | \$592,455,108    | \$866,013,660    | \$408,518,861     |
| <b>By color of operator:</b>                     |                  |                  |                  |                  |                  |                   |
| White operators*-----                            | 385,315,936      | 415,895,070      | 624,112,304      | (2)              | 858,500,595      | 404,493,616       |
| Non-white operators---                           | 3,027,911        | 2,862,485        | 5,234,371        | (2)              | 7,513,065        | 4,025,245         |
| <b>By tenure of operator:</b>                    |                  |                  |                  |                  |                  |                   |
| Full owners-----                                 | 135,917,512      | 151,857,328      | 218,352,337      | 241,271,812      | 382,138,711      | 270,209,463       |
| Part owners-----                                 | 105,562,926      | 105,505,555      | 165,739,644      | 133,222,903      | 205,518,397      | (3)               |
| Managers -----                                   | 17,497,290       | 12,809,292       | 28,961,039       | 23,987,678       | 42,106,600       | 29,343,653        |
| All tenants-----                                 | 129,366,119      | 148,585,380      | 216,293,655      | 193,972,715      | 236,249,952      | 108,965,745       |
| <b>Average value per farm---</b>                 | 7,550            | 6,580            | 10,497           | 10,211           | 14,449           | 8,848             |
| <b>Average value per acre---</b>                 | 12.32            | 13.97            | 21.79            | 24.51            | 35.40            | 30.19             |
| <b>Value of all buildings-----</b>               | 84,847,413       | (2)              | 118,391,947      | 98,481,170       | 102,290,944      | 45,696,656        |
| <b>By tenure of operator:</b>                    |                  |                  |                  |                  |                  |                   |
| Full owners-----                                 | 39,050,753       | (2)              | 54,827,432       | 68,346,013       | 55,293,474       | 32,940,836        |
| Part owners-----                                 | 17,464,721       | (2)              | 25,721,509       | (3)              | 18,944,977       | (3)               |
| Managers -----                                   | 3,519,247        | (2)              | 4,788,242        | 3,556,398        | 4,837,459        | 2,959,631         |
| All tenants-----                                 | 24,812,692       | (2)              | 33,054,764       | 26,578,759       | 23,215,034       | 9,796,189         |
| <b>Value of implements and machinery -----</b>   | 39,021,614       | (2)              | 50,241,437       | 33,472,740       | 49,804,509       | 12,791,601        |
| <b>By tenure of operator:</b>                    |                  |                  |                  |                  |                  |                   |
| Full owners-----                                 | 13,371,796       | (2)              | 17,968,348       | 14,848,779       | 25,478,063       | 9,401,352         |
| Part owners-----                                 | 11,087,953       | (2)              | 14,414,318       | 7,954,433        | 10,423,107       | (3)               |
| Managers -----                                   | 848,715          | (2)              | 1,237,176        | 820,777          | 1,711,392        | 741,543           |
| All tenants-----                                 | 13,713,150       | (2)              | 16,621,595       | 9,848,751        | 12,191,947       | 2,648,706         |

\*Includes Mexicans.

(2) Not available.

(3) Not separated.

**AGRICULTURE: FARMS AND FARM ACREAGE IN COLORADO, BY COLOR AND BY TENURE OF OPERATOR, AND BY SIZE OF FARM, BY CENSUS YEARS**

(Source: Bureau of the Census)

Note—A farm for census purposes, is all the land on which some agricultural operations are performed by one person either by his own labor alone or with the assistance of members of his household, or hired employees. It may consist of a single tract of land, or a number of separate tracts, and the several tracts may be held under different tenures. A farm operator is a person who operates a farm, either performing the labor himself or directly supervising it. For all practical purposes, the number of farm operators is identical with the number of farms.

|                                | 1940<br>(Apr. 1) | 1935<br>(Jan. 1) | 1930<br>(Apr. 1) | 1925<br>(Jan. 1) | 1920<br>(Jan. 1) | 1910<br>(Apr. 15) |
|--------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Farms, number.....             | 51,436           | 63,644           | 59,956           | 58,020           | 59,934           | 46,170            |
| By color of operator:          |                  |                  |                  |                  |                  |                   |
| White* .....                   | 51,034           | 63,172           | 59,355           | (2)              | 59,381           | 45,596            |
| Non-white .....                | 402              | 472              | 601              | (2)              | 553              | 574               |
| By tenure of operator:         |                  |                  |                  |                  |                  |                   |
| Full owner.....                | 22,385           | 27,718           | 26,929           | 29,292           | 35,553           | 32,474            |
| Part owner.....                | 9,442            | 10,605           | 11,497           | 10,225           | 9,738            | 4,519             |
| Manager .....                  | 471              | 481              | 838              | 585              | 880              | 787               |
| Tenant .....                   | 19,138           | 24,840           | 20,692           | 17,918           | 13,763           | 8,390             |
| Per cent tenant.....           | 37.2             | 39.0             | 34.5             | 30.9             | 23.0             | 18.2              |
| By size:                       |                  |                  |                  |                  |                  |                   |
| Under 3 acres.....             | 411              | 816              | 1,032            | 399              | 410              | 569               |
| 3 to 9 acres.....              | 3,824            | 4,380            | 3,612            | 3,202            | 2,288            | 2,222             |
| 10 to 19 acres.....            | 2,869            | 3,302            | 2,808            | 2,565            | 2,234            | 2,279             |
| 20 to 49 acres.....            | 4,348            | 5,106            | 4,728            | 4,480            | 4,449            | 3,882             |
| 50 to 99 acres.....            | 5,682            | 6,348            | 5,990            | 5,872            | 5,913            | 4,384             |
| 100 to 174 acres.....          | 8,945            | 11,250           | 10,499           | 10,750           | 12,139           | 16,355            |
| 175 to 259 acres.....          | 3,208            | 3,928            | 3,952            | 3,859            | 4,019            | 3,004             |
| 260 to 499 acres.....          | 8,848            | 13,748           | 13,100           | 15,140           | 17,592           | 9,472             |
| 500 to 999 acres.....          | 6,913            | 9,290            | 8,982            | 8,224            | 7,482            | 2,426             |
| 1,000 to 4,999 acres.....      | 5,655            | 4,994            | 4,777            | 3,196            | 3,087            | (2)               |
| 5,000 to 9,999 acres.....      | 452              | 298              | 287              | (2)              | (2)              | (2)               |
| 10,000 acres and over.....     | 281              | 184              | 189              | (2)              | (2)              | (2)               |
| Land area, state (acres).....  | 66,538,880       | 66,341,120       | 66,341,120       | 66,341,120       | 66,341,120       | 66,341,120        |
| Per cent in farms.....         | 47.4             | 45.2             | 43.5             | 36.4             | 36.9             | 20.4              |
| All land in farms (acres)..... | 31,527,240       | 29,978,472       | 28,876,171       | 24,167,270       | 24,462,014       | 13,532,113        |
| Average size of farm.....      | 612.9            | 471.0            | 481.6            | 416.5            | 408.1            | 293.1             |
| By color of operator:          |                  |                  |                  |                  |                  |                   |
| White (*) .....                | 31,477,198       | 29,916,263       | 28,794,511       | (2)              | 24,374,636       | 13,424,263        |
| Non-white .....                | 50,042           | 62,209           | 81,660           | (2)              | 87,378           | 107,850           |
| By tenure of operator:         |                  |                  |                  |                  |                  |                   |
| Full owner.....                | 6,618,678        | 8,318,356        | 7,518,660        | 8,789,276        | 10,633,109       | 10,134,797        |
| Part owner.....                | 15,475,092       | 11,905,402       | 12,021,491       | 8,597,504        | 7,988,569        | (3)               |
| Portion owned.....             | 7,130,093        | 5,613,714        | 5,438,509        | 4,046,625        | (2)              | (2)               |
| Rented from others.....        | 8,344,999        | 6,291,688        | 6,582,982        | 4,550,879        | (2)              | (2)               |
| Manager .....                  | 2,112,094        | 1,270,851        | 2,167,191        | 1,284,724        | 1,595,853        | 1,140,446         |
| All tenants.....               | 7,321,376        | 8,483,863        | 7,168,829        | 5,495,766        | 4,244,483        | 2,256,870         |
| By size of farm:               |                  |                  |                  |                  |                  |                   |
| Under 3 acres.....             | 578              | 1,143            | 1,421            | 581              | 666              | 40,432            |
| 3 to 9 acres.....              | 20,470           | 22,987           | 19,264           | 16,818           | 12,243           | (3)               |
| 10 to 19 acres.....            | 36,029           | 41,459           | 35,674           | 31,775           | 27,911           | (3)               |
| 20 to 49 acres.....            | 141,572          | 166,703          | 156,685          | 148,387          | 147,114          | 126,209           |
| 50 to 99 acres.....            | 424,156          | 476,307          | 457,159          | 440,696          | 442,875          | 328,961           |
| 100 to 174 acres.....          | 1,315,411        | 1,671,967        | 1,552,893        | 1,600,391        | 1,818,972        | 2,526,566         |
| 175 to 259 acres.....          | 696,109          | 853,228          | 859,096          | 837,950          | 882,004          | 3,929,716         |
| 260 to 499 acres.....          | 3,245,571        | 4,979,709        | 4,772,158        | 5,418,612        | 6,182,937        | (3)               |
| 500 to 999 acres.....          | 4,957,621        | 6,569,030        | 6,349,340        | 5,749,095        | 5,189,387        | 1,699,401         |
| 1,000 to 4,999 acres.....      | 10,725,960       | 9,020,142        | 8,380,908        | 5,474,509        | 5,565,393        | (2)               |
| 5,000 to 9,999 acres.....      | 3,109,029        | 1,967,947        | 1,914,516        | (2)              | (2)              | (2)               |
| 10,000 acres and over.....     | 6,854,734        | 4,207,850        | 4,377,147        | (2)              | (2)              | (2)               |

\*Includes Mexicans.

(2) Not available.

(3) Not recorded separately.

AGRICULTURE: NUMBER OF COLORADO FARMS, AREA AND AVERAGE SIZE, AND VALUE OF FARMS AND BUILDINGS AND IMPLEMENTS AND MACHINERY BY COUNTIES, 1940 AND 1930

(Source: Bureau of the Census)

Note—All data are as of April 1, for specified years.

| COUNTY      | Number of Farms | Land in Farms (Acres) | Av. Size of Farms (Acres) | Value of Farms and Buildings | Value Buildings Only | Value Implements and Machinery |
|-------------|-----------------|-----------------------|---------------------------|------------------------------|----------------------|--------------------------------|
| Adams       | 1940-----1,729  | 599,535               | 346.8                     | \$ 13,528,602                | \$ 3,200,370         | \$ 1,359,168                   |
|             | 1930-----1,912  | 557,561               | 291.6                     | 23,143,053                   | 4,386,014            | 1,760,342                      |
| Alamosa     | 1940-----608    | 374,326               | 615.7                     | 4,469,290                    | 1,073,601            | 497,304                        |
|             | 1930-----531    | 225,192               | 424.1                     | 6,777,009                    | 1,186,780            | 573,907                        |
| Arapahoe    | 1940-----1,079  | 450,344               | 417.4                     | 10,754,234                   | 3,517,589            | 777,672                        |
|             | 1930-----1,225  | 459,673               | 375.2                     | 17,884,017                   | 4,112,795            | 1,212,567                      |
| Archuleta   | 1940-----354    | 284,502               | 803.7                     | 1,844,939                    | 357,085              | 191,359                        |
|             | 1930-----389    | 163,442               | 420.2                     | 2,028,562                    | 430,625              | 181,099                        |
| Baca        | 1940-----906    | 1,068,584             | 1,179.5                   | 4,989,136                    | 470,233              | 592,586                        |
|             | 1930-----1,750  | 1,126,576             | 643.8                     | 17,158,962                   | 1,478,370            | 1,590,569                      |
| Bent        | 1940-----687    | 583,132               | 848.8                     | 5,472,498                    | 1,190,715            | 525,749                        |
|             | 1930-----882    | 540,938               | 613.3                     | 10,112,517                   | 1,566,746            | 823,895                        |
| Boulder     | 1940-----1,352  | 206,916               | 153.0                     | 12,120,646                   | 2,974,873            | 990,690                        |
|             | 1930-----1,473  | 203,313               | 138.0                     | 18,128,233                   | 4,242,879            | 1,078,663                      |
| Chaffee     | 1940-----295    | 107,632               | 364.5                     | 1,998,368                    | 623,055              | 190,642                        |
|             | 1930-----307    | 74,023                | 241.1                     | 3,132,970                    | 879,300              | 257,144                        |
| Cheyenne    | 1940-----496    | 752,783               | 1,517.7                   | 2,791,984                    | 405,825              | 272,415                        |
|             | 1930-----625    | 494,428               | 791.1                     | 5,867,516                    | 855,255              | 522,367                        |
| Clear Creek | 1940-----47     | 18,523                | 394.1                     | 378,270                      | 149,060              | 12,995                         |
|             | 1930-----34     | 14,454                | 425.1                     | 592,238                      | 144,963              | 15,440                         |
| Conejos     | 1940-----1,049  | 352,850               | 336.4                     | 7,023,576                    | 1,158,907            | 752,005                        |
|             | 1930-----1,467  | 252,552               | 172.2                     | 9,478,459                    | 1,468,685            | 706,953                        |
| Costilla    | 1940-----523    | 392,522               | 750.5                     | 2,136,129                    | 369,015              | 340,107                        |
|             | 1930-----648    | 349,527               | 539.4                     | 4,145,803                    | 662,717              | 394,569                        |
| Crowley     | 1940-----532    | 327,163               | 615.0                     | 2,554,458                    | 426,060              | 339,982                        |
|             | 1930-----626    | 328,113               | 524.1                     | 6,952,382                    | 956,245              | 449,892                        |
| Custer      | 1940-----305    | 243,334               | 797.8                     | 2,134,357                    | 500,928              | 181,917                        |
|             | 1930-----406    | 260,169               | 640.8                     | 2,909,693                    | 718,245              | 347,175                        |
| Delta       | 1940-----1,699  | 220,765               | 129.9                     | 7,316,921                    | 1,890,339            | 751,035                        |
|             | 1930-----1,744  | 187,965               | 107.8                     | 10,538,579                   | 2,512,795            | 954,450                        |
| Denver      | 1940-----158    | 2,280                 | 14.4                      | 1,640,900                    | 847,200              | 64,683                         |
|             | 1930-----257    | 3,789                 | 14.7                      | 2,848,287                    | 1,404,280            | 121,654                        |
| Dolores     | 1940-----236    | 76,888                | 325.8                     | 738,543                      | 115,980              | 171,780                        |
|             | 1930-----194    | 71,455                | 368.3                     | 502,800                      | 93,685               | 105,321                        |
| Douglas     | 1940-----417    | 365,446               | 876.4                     | 4,829,497                    | 1,288,631            | 365,185                        |
|             | 1930-----438    | 347,283               | 792.9                     | 8,058,665                    | 1,966,970            | 598,865                        |
| Eagle       | 1940-----329    | 231,881               | 704.8                     | 3,988,865                    | 704,355              | 329,999                        |
|             | 1930-----374    | 170,616               | 456.2                     | 4,314,696                    | 926,137              | 366,904                        |
| Elbert      | 1940-----989    | 1,067,187             | 1,079.1                   | 6,539,873                    | 1,410,600            | 720,042                        |
|             | 1930-----1,241  | 966,899               | 779.1                     | 13,170,272                   | 2,420,591            | 1,195,865                      |
| El Paso     | 1940-----1,310  | 1,124,896             | 858.7                     | 8,480,534                    | 2,198,672            | 690,750                        |
|             | 1930-----1,463  | 1,071,111             | 732.1                     | 17,319,833                   | 3,822,810            | 1,031,391                      |
| Fremont     | 1940-----987    | 367,478               | 372.3                     | 3,843,510                    | 1,095,230            | 347,865                        |
|             | 1930-----1,270  | 366,717               | 288.8                     | 7,189,054                    | 2,196,485            | 431,583                        |
| Garfield    | 1940-----980    | 344,452               | 351.5                     | 6,721,490                    | 1,460,223            | 599,879                        |
|             | 1930-----1,015  | 251,791               | 248.1                     | 8,472,775                    | 1,889,388            | 591,639                        |
| Gilpin      | 1940-----51     | 20,315                | 398.3                     | 239,765                      | 60,100               | 15,425                         |
|             | 1930-----34     | 14,374                | 422.8                     | 149,870                      | 21,985               | 15,240                         |
| Grand       | 1940-----253    | 288,150               | 1,138.9                   | 3,089,056                    | 707,105              | 234,660                        |
|             | 1930-----229    | 212,341               | 927.3                     | 3,172,663                    | 625,600              | 185,745                        |
| Gunnison    | 1940-----362    | 316,201               | 873.5                     | 4,436,514                    | 914,345              | 288,094                        |
|             | 1930-----370    | 215,849               | 583.4                     | 4,129,000                    | 822,690              | 296,685                        |
| Hinsdale    | 1940-----34     | 18,696                | 549.9                     | 279,750                      | 65,100               | 25,815                         |
|             | 1930-----44     | 18,142                | 412.3                     | 385,645                      | 78,735               | 32,885                         |
| Huerfano    | 1940-----696    | 540,908               | 777.2                     | 2,703,802                    | 378,810              | 212,370                        |
|             | 1930-----760    | 495,851               | 652.4                     | 4,760,629                    | 721,535              | 358,898                        |
| Jackson     | 1940-----262    | 350,789               | 1,338.9                   | 4,864,598                    | 723,325              | 307,268                        |
|             | 1930-----203    | 321,277               | 1,582.6                   | 3,430,876                    | 535,510              | 225,160                        |
| Jefferson   | 1940-----1,763  | 267,316               | 151.6                     | 16,249,925                   | 5,576,029            | 1,023,155                      |
|             | 1930-----1,817  | 259,690               | 142.9                     | 24,106,053                   | 6,985,541            | 972,824                        |
| Kiowa       | 1940-----454    | 629,831               | 1,387.3                   | 2,222,948                    | 352,342              | 263,164                        |
|             | 1930-----579    | 461,829               | 797.6                     | 5,529,623                    | 742,670              | 436,017                        |
| Kit Carson  | 1940-----1,148  | 993,955               | 865.8                     | 4,182,810                    | 859,461              | 543,572                        |
|             | 1930-----1,630  | 969,104               | 594.5                     | 14,396,018                   | 2,202,150            | 1,304,837                      |

AGRICULTURE: NUMBER OF COLORADO FARMS, AREA AND AVERAGE SIZE, AND VALUE OF FARMS AND BUILDINGS AND IMPLEMENTS AND MACHINERY BY COUNTIES, 1940 AND 1930—Continued

(Source: Bureau of the Census)

Note—All data are as of April 1, for specified years.

| COUNTY                               | Number of Farms | Land in Farms (Acres) | Av. Size of Farms (Acres) | Value of Farms and Buildings | Value Buildings Only | Value Implements and Machinery |
|--------------------------------------|-----------------|-----------------------|---------------------------|------------------------------|----------------------|--------------------------------|
| Lake -----1940-----                  | 29              | 16,629                | 573.4                     | 207,040                      | 59,045               | 33,105                         |
| -----1930-----                       | 44              | 20,681                | 470.0                     | 241,389                      | 42,820               | 30,890                         |
| La Plata <sup>1</sup> -----1940----- | 1,046           | 371,522               | 355.2                     | 5,025,833                    | 1,300,543            | 594,866                        |
| -----1930-----                       | 1,161           | 359,127               | 309.3                     | 6,643,259                    | 1,640,381            | 630,904                        |
| Larimer -----1940-----               | 1,825           | 709,361               | 388.7                     | 19,867,500                   | 4,671,440            | 1,603,749                      |
| -----1930-----                       | 1,838           | 698,304               | 379.9                     | 28,541,224                   | 5,553,427            | 1,941,348                      |
| Las Animas-----1940-----             | 1,281           | 1,982,361             | 1,547.5                   | 6,122,101                    | 716,322              | 426,175                        |
| -----1930-----                       | 1,758           | 1,927,923             | 1,096.7                   | 12,260,863                   | 1,544,973            | 836,040                        |
| Lincoln -----1940-----               | 834             | 1,405,422             | 1,685.2                   | 4,708,745                    | 809,287              | 530,871                        |
| -----1930-----                       | 1,232           | 1,196,717             | 970.5                     | 13,345,855                   | 1,689,266            | 1,196,093                      |
| Logan -----1940-----                 | 1,575           | 1,041,707             | 661.4                     | 14,078,741                   | 2,700,252            | 1,644,681                      |
| -----1930-----                       | 1,845           | 961,377               | 521.1                     | 25,931,038                   | 3,928,644            | 2,269,144                      |
| Mesa -----1940-----                  | 2,652           | 422,592               | 159.3                     | 14,006,534                   | 3,847,385            | 1,361,887                      |
| -----1930-----                       | 2,665           | 345,098               | 129.5                     | 16,205,224                   | 4,200,855            | 1,313,813                      |
| Mineral -----1940-----               | 49              | 27,348                | 558.1                     | 648,780                      | 243,340              | 17,700                         |
| -----1930-----                       | 50              | 25,511                | 510.2                     | 643,255                      | 178,100              | 39,870                         |
| Moffat -----1940-----                | 527             | 904,008               | 1,715.4                   | 4,018,916                    | 605,360              | 360,697                        |
| -----1930-----                       | 797             | 642,257               | 805.8                     | 5,670,029                    | 1,008,880            | 476,867                        |
| Montezuma -----1940-----             | 1,043           | 261,841               | 251.0                     | 3,850,283                    | 786,810              | 738,176                        |
| -----1930-----                       | 978             | 285,730               | 292.2                     | 5,046,342                    | 1,155,787            | 576,628                        |
| Montrose -----1940-----              | 1,426           | 281,129               | 197.1                     | 6,614,604                    | 1,671,912            | 857,210                        |
| -----1930-----                       | 1,318           | 231,065               | 175.3                     | 7,832,094                    | 2,028,447            | 776,623                        |
| Morgan -----1940-----                | 1,349           | 625,903               | 464.0                     | 11,969,274                   | 2,232,950            | 1,347,340                      |
| -----1930-----                       | 1,569           | 632,615               | 403.2                     | 19,736,549                   | 3,484,290            | 1,709,789                      |
| Otero -----1940-----                 | 1,189           | 976,398               | 821.2                     | 8,433,382                    | 1,807,190            | 860,381                        |
| -----1930-----                       | 1,298           | 467,846               | 360.4                     | 13,360,386                   | 2,724,078            | 961,300                        |
| Ouray -----1940-----                 | 153             | 133,868               | 875.0                     | 1,389,043                    | 241,400              | 96,244                         |
| -----1930-----                       | 178             | 100,925               | 567.0                     | 1,652,268                    | 311,800              | 151,715                        |
| Park -----1940-----                  | 306             | 563,129               | 1,840.3                   | 3,642,217                    | 942,250              | 242,678                        |
| -----1930-----                       | 394             | 535,826               | 1,360.0                   | 4,018,412                    | 912,815              | 305,954                        |
| Phillips -----1940-----              | 626             | 417,696               | 667.2                     | 6,206,909                    | 1,089,720            | 729,838                        |
| -----1930-----                       | 766             | 390,370               | 509.6                     | 11,796,670                   | 1,851,700            | 1,201,783                      |
| Pitkin -----1940-----                | 169             | 70,018                | 414.3                     | 1,372,270                    | 221,090              | 131,944                        |
| -----1930-----                       | 180             | 59,888                | 332.7                     | 1,684,765                    | 309,735              | 135,715                        |
| Prowers -----1940-----               | 1,022           | 499,935               | 489.2                     | 6,618,384                    | 1,091,793            | 707,529                        |
| -----1930-----                       | 1,382           | 564,644               | 408.6                     | 14,871,233                   | 2,179,346            | 1,208,892                      |
| Pueblo -----1940-----                | 1,193           | 797,883               | 668.8                     | 8,712,722                    | 1,986,020            | 882,389                        |
| -----1930-----                       | 1,473           | 1,245,441             | 845.5                     | 15,323,482                   | 2,682,465            | 1,122,781                      |
| Rio Blanco -----1940-----            | 339             | 468,398               | 1,381.7                   | 4,044,190                    | 780,840              | 328,372                        |
| -----1930-----                       | 433             | 336,640               | 777.5                     | 5,077,685                    | 879,885              | 398,142                        |
| Rio Grande -----1940-----            | 675             | 197,941               | 293.2                     | 10,048,211                   | 2,211,985            | 1,270,753                      |
| -----1930-----                       | 730             | 202,094               | 276.8                     | 14,933,998                   | 2,679,973            | 1,230,645                      |
| Routt -----1940-----                 | 829             | 575,216               | 693.9                     | 6,810,039                    | 1,277,670            | 697,715                        |
| -----1930-----                       | 928             | 527,847               | 568.8                     | 8,424,669                    | 1,492,640            | 665,166                        |
| Saguache -----1940-----              | 505             | 465,726               | 922.2                     | 6,333,743                    | 1,086,476            | 510,460                        |
| -----1930-----                       | 557             | 454,726               | 816.4                     | 8,650,968                    | 1,281,525            | 597,750                        |
| San Juan -----1940-----              | (1)             | (1)                   | (1)                       | (1)                          | (1)                  | (1)                            |
| -----1930-----                       | (1)             | (1)                   | (1)                       | (1)                          | (1)                  | (1)                            |
| San Miguel -----1940-----            | 178             | 169,458               | 952.0                     | 1,069,301                    | 163,795              | 106,125                        |
| -----1930-----                       | 263             | 171,070               | 650.5                     | 1,699,841                    | 333,265              | 171,480                        |
| Sedgwick -----1940-----              | 505             | 288,756               | 571.8                     | 5,241,634                    | 1,015,887            | 683,645                        |
| -----1930-----                       | 560             | 307,410               | 548.9                     | 10,680,721                   | 1,566,515            | 1,138,368                      |
| Summit -----1940-----                | 59              | 42,098                | 713.5                     | 661,620                      | 188,950              | 59,787                         |
| -----1930-----                       | 61              | 32,231                | 528.4                     | 729,900                      | 179,050              | 62,660                         |
| Teller -----1940-----                | 246             | 145,509               | 591.5                     | 1,174,001                    | 358,280              | 106,616                        |
| -----1930-----                       | 238             | 134,249               | 564.1                     | 1,377,791                    | 273,930              | 105,696                        |
| Washington -----1940-----            | 1,439           | 1,301,288             | 904.3                     | 7,337,381                    | 1,607,682            | 918,706                        |
| -----1930-----                       | 1,753           | 1,237,648             | 706.0                     | 15,063,272                   | 2,610,896            | 1,372,716                      |
| Weld -----1940-----                  | 4,512           | 1,934,146             | 428.7                     | 50,131,511                   | 9,798,640            | 5,503,809                      |
| -----1930-----                       | 5,457           | 1,977,783             | 362.4                     | 74,876,659                   | 12,846,094           | 6,446,662                      |
| Yuma -----1940-----                  | 1,765           | 1,440,494             | 816.1                     | 13,433,150                   | 2,368,036            | 1,699,334                      |
| -----1930-----                       | 2,113           | 1,348,084             | 638.0                     | 22,240,082                   | 3,761,189            | 2,025,958                      |
| Total, State-----1940-----           | 51,436          | 31,527,240            | 612.9                     | \$388,343,847                | \$ 84,847,413        | \$39,021,614                   |
| -----1930-----                       | 59,956          | 28,876,171            | 481.6                     | 629,346,675                  | 118,391,947          | 50,241,437                     |

(1) Statistics for 4 farms reported in 1940, and 2 farms in 1930, included with data for La Plata.

**AUTOMOBILES, TRUCKS AND TRACTORS ON COLORADO FARMS: KIND OF ROAD ON WHICH FARMS ARE LOCATED; TELEPHONE ON FARM; AND DWELLINGS LIGHTED BY ELECTRICITY, BY CENSUS YEARS**

(Source: Bureau of the Census)

| ITEM   | 1940   | 1930   | 1920   |
|--|--------|--------|--------|
| <b>Automobiles on farms:</b>   |        |        |        |
| Number farms reporting.....  | 40,878 | 45,546 | 28,356 |
| Per cent of all farms.....   | 79.5   | 76.0   | 47.3   |
| Number of automobiles.....   | 50,426 | 52,258 | 30,830 |
| <b>Motor trucks on farms:</b>  |        |        |        |
| Number farms reporting.....  | 15,119 | 16,052 | 2,884  |
| Per cent of all farms.....   | 29.4   | 26.8   | 4.8    |
| Number of trucks.....  | 16,850 | 16,918 | 3,016  |
| <b>Tractors on farms:</b>  |        |        |        |
| Number farms reporting.....  | 19,063 | 12,029 | 4,526  |
| Per cent of all farms.....   | 37.1   | 20.1   | 7.6    |
| Number of tractors.....  | 21,423 | 13,334 | 4,990  |
| <b>Kind of road on which farm is located (number farms reporting):</b> |        |        |        |
| Hard surfaced.....   | 6,221  | *1,017 | .....  |
| Gravel, shell, shale, etc.....   | 14,385 | 14,423 | .....  |
| Improved dirt.....   | 16,916 | 22,602 | .....  |
| Unimproved dirt.....   | 11,836 | 18,072 | .....  |
| <b>Telephone on farms:</b>   |        |        |        |
| Number farms reporting.....  | 16,795 | 23,877 | 22,022 |
| Per cent all farms.....  | 32.7   | 39.8   | 36.7   |
| <b>Dwellings lighted by electricity:</b>                               |        |        |        |
| Number farms reporting.....  | 19,735 | 9,393  | †3,925 |
| Per cent of all farms.....   | 38.4   | 15.7   | 6.25   |

\*Concrete, brick, asphalt, and macadam.

†Dwellings lighted by either gas or electricity.

**FARM INCOME**

The value of all farm products sold, traded or used on the farms in Colorado in 1939 as reported by the census was \$108,699,894, of which \$60,876,826 or 56 per cent was livestock and livestock products sold or traded, \$40,596,089 or 37.4 per cent was crops sold or traded, \$114,280 or 0.1 per cent was forest products sold or traded, and

\$7,112,699 or 6.5 per cent was for farm products used by the farm households. A distinction between these figures and the total value of farm products given elsewhere in this section lies in the difference between farm products as a whole and those sold, traded or used on the farms. Livestock sold or traded accounted for \$44,125,097 and livestock products \$16,751,729 of the \$60,876,826 total for the livestock industry.

**AGRICULTURE: VALUE OF LIVESTOCK ON FARMS ON JANUARY 1, 1940, AND 1930, AND LIVESTOCK PRODUCTS AND CROPS HARVESTED, 1939 AND 1929, BY COUNTIES**  
(Source: Bureau of the Census)

Note—A breakdown of items included in these county totals is given in another table for the state by census years. Forest products, amounting to \$114,280 for the state in 1939, are omitted from this county table.

|                      | Livestock on Farms<br>(April 1) |                | Livestock Products |               | All Crops Harvested |               |
|----------------------|---------------------------------|----------------|--------------------|---------------|---------------------|---------------|
|                      | 1940                            | 1930           | 1939               | 1929          | 1939                | 1929          |
| Adams .....          | \$ 1,167,465                    | \$ 1,810,398   | \$ 1,508,105       | \$ 1,192,066  | \$ 2,262,842        | \$ 4,506,644  |
| Alamosa .....        | 986,388                         | 1,153,279      | 690,161            | 297,027       | 799,206             | 2,018,144     |
| Arapahoe .....       | 937,586                         | 1,367,778      | 1,395,479          | 1,063,784     | 1,092,376           | 2,234,003     |
| Archuleta .....      | 702,476                         | 886,845        | 547,435            | 144,695       | 197,088             | 361,591       |
| Baca .....           | 753,350                         | 2,363,057      | 440,796            | 577,495       | 819,476             | 3,202,676     |
| Bent .....           | 1,138,254                       | 1,643,137      | 719,738            | 447,883       | 743,312             | 2,211,155     |
| Boulder .....        | 1,425,155                       | 1,414,357      | 1,619,386          | 1,111,706     | 1,677,353           | 2,634,504     |
| Chaffee .....        | 433,967                         | 624,747        | 314,113            | 144,364       | 216,683             | 441,902       |
| Cheyenne .....       | 1,165,736                       | 1,735,954      | 488,331            | 357,821       | 206,502             | 834,111       |
| Clear Creek .....    | 32,448                          | 31,776         | 33,223             | 9,534         | 5,413               | 9,416         |
| Conejos .....        | 1,531,175                       | 2,114,186      | 1,133,629          | 523,497       | 1,215,656           | 2,558,924     |
| Costilla .....       | 389,463                         | 648,582        | 392,856            | 143,804       | 759,708             | 789,383       |
| Crowley .....        | 590,203                         | 962,461        | 333,243            | 272,008       | 856,065             | 1,560,959     |
| Custer .....         | 541,676                         | 731,928        | 423,793            | 141,686       | 237,708             | 500,976       |
| Delta .....          | 1,347,374                       | 2,294,959      | 1,215,513          | 884,823       | 1,818,708           | 3,294,698     |
| Denver .....         | 14,381                          | 75,898         | 53,315             | 165,735       | 668,871             | 787,599       |
| Dolores .....        | 114,502                         | 213,042        | 86,073             | 37,299        | 254,985             | 115,458       |
| Douglas .....        | 815,971                         | 1,290,717      | 640,375            | 614,658       | 351,640             | 670,017       |
| Eagle .....          | 1,191,195                       | 1,349,500      | 909,495            | 157,236       | 552,218             | 951,449       |
| Elbert .....         | 1,553,177                       | 2,339,783      | 1,113,055          | 798,140       | 635,550             | 1,823,608     |
| El Paso .....        | 1,728,278                       | 2,661,628      | 1,428,467          | 1,249,768     | 995,336             | 2,033,722     |
| Fremont .....        | 687,330                         | 1,068,482      | 497,799            | 399,454       | 606,340             | 969,498       |
| Garfield .....       | 1,935,701                       | 2,623,304      | 1,413,804          | 599,564       | 1,118,889           | 2,053,587     |
| Gilpin .....         | 41,894                          | 43,586         | 23,304             | 12,228        | 7,600               | 21,073        |
| Grand .....          | 966,273                         | 979,689        | 710,498            | 129,302       | 295,495             | 395,978       |
| Gunnison .....       | 1,893,169                       | 2,183,479      | 1,116,095          | 176,563       | 524,012             | 673,214       |
| Hinsdale .....       | 145,275                         | 185,887        | 86,802             | 19,660        | 36,314              | 49,008        |
| Huerfano .....       | 961,721                         | 1,559,998      | 520,881            | 297,496       | 230,843             | 555,340       |
| Jackson .....        | 1,945,912                       | 2,008,034      | 872,138            | 113,901       | 646,280             | 730,101       |
| Jefferson .....      | 1,070,400                       | 1,369,092      | 1,409,212          | 1,232,975     | 1,477,465           | 2,056,780     |
| Kiowa .....          | 902,757                         | 1,461,603      | 567,642            | 305,456       | 118,035             | 719,634       |
| Kit Carson .....     | 1,376,797                       | 2,445,606      | 770,072            | 732,892       | 508,582             | 2,104,077     |
| Lake .....           | 67,546                          | 73,605         | 50,937             | 26,187        | 24,230              | 28,185        |
| La Plata .....       | 1,172,629                       | 1,716,569      | 896,097            | 635,668       | 649,670             | 1,160,112     |
| Larimer .....        | 2,202,800                       | 4,415,786      | 3,040,018          | 1,150,672     | 2,604,867           | 4,687,664     |
| Las Animas .....     | 2,258,239                       | 4,717,192      | 1,207,435          | 671,250       | 426,183             | 1,440,544     |
| Lincoln .....        | 1,651,624                       | 2,573,313      | 922,888            | 586,014       | 406,311             | 1,642,946     |
| Logan .....          | 1,863,177                       | 3,769,168      | 2,162,241          | 887,710       | 1,935,862           | 5,158,372     |
| Mesa .....           | 2,204,216                       | 3,233,419      | 1,713,378          | 1,125,013     | 2,942,750           | 4,634,780     |
| Mineral .....        | 70,267                          | 150,268        | 46,632             | 15,137        | 40,884              | 26,042        |
| Moffat .....         | 1,581,727                       | 2,184,974      | 1,411,412          | 463,575       | 319,010             | 764,081       |
| Montezuma .....      | 1,008,339                       | 1,839,657      | 798,860            | 511,123       | 1,053,756           | 1,088,477     |
| Montrose .....       | 1,849,376                       | 2,381,699      | 1,514,533          | 720,891       | 1,613,640           | 2,852,904     |
| Morgan .....         | 1,506,242                       | 2,632,630      | 2,427,949          | 769,175       | 1,973,241           | 4,611,432     |
| Otero .....          | 1,226,216                       | 1,862,820      | 1,115,524          | 708,850       | 1,581,467           | 3,362,039     |
| Ouray .....          | 441,398                         | 565,486        | 259,363            | 95,628        | 147,669             | 276,851       |
| Park .....           | 1,069,027                       | 1,311,493      | 541,257            | 198,142       | 269,691             | 387,121       |
| Phillips .....       | 554,792                         | 916,312        | 557,853            | 370,330       | 944,722             | 2,403,192     |
| Pitkin .....         | 495,107                         | 546,580        | 347,054            | 90,305        | 266,673             | 490,685       |
| Prowers .....        | 964,720                         | 2,246,481      | 1,092,238          | 763,782       | 1,039,723           | 3,397,976     |
| Pueblo .....         | 1,067,350                       | 2,894,668      | 1,022,966          | 885,150       | 1,411,687           | 2,738,290     |
| Rio Blanco .....     | 1,910,808                       | 2,741,999      | 1,222,849          | 229,230       | 439,252             | 751,287       |
| Rio Grande .....     | 1,232,538                       | 1,727,849      | 1,259,052          | 423,495       | 2,766,416           | 6,279,467     |
| Routt .....          | 2,071,661                       | 2,467,257      | 1,643,362          | 510,973       | 909,037             | 1,639,038     |
| Saguache .....       | 1,669,017                       | 2,568,553      | 1,162,720          | 371,206       | 899,790             | 2,654,377     |
| San Juan .....       | 1,786                           | 2,858          | 6,737              | 2,325         | .....               | .....         |
| San Miguel .....     | 421,681                         | 806,736        | 379,154            | 158,656       | 99,116              | 227,172       |
| Sedgwick .....       | 575,794                         | 976,794        | 852,635            | 251,312       | 1,182,205           | 2,024,779     |
| Summit .....         | 240,067                         | 278,255        | 117,419            | 33,246        | 95,964              | 126,047       |
| Teller .....         | 246,707                         | 386,392        | 139,303            | 71,508        | 45,391              | 227,614       |
| Washington .....     | 1,851,280                       | 2,959,991      | 1,504,952          | 870,419       | 682,834             | 2,545,390     |
| Weld .....           | 5,508,794                       | 9,293,388      | 8,262,891          | 3,116,685     | 11,573,828          | 20,738,757    |
| Yuma .....           | 2,300,114                       | 3,674,430      | 1,504,420          | 1,034,452     | 1,928,295           | 4,828,251     |
| Not classified ..... | 359,711                         | 58,978         | 448,578            | 12,220        | .....               | .....         |
| State .....          | \$72,132,199                    | *\$111,618,372 | \$ 63,107,535      | \$ 32,114,849 | \$ 62,210,908       | \$127,063,101 |

\*Does not include the value for poultry other than chickens, or the value for silver fox and mink, as the numbers on hand were not obtained in 1930.

**AGRICULTURE: VALUE OF LIVESTOCK ON FARMS, LIVESTOCK PRODUCTS, CROPS HARVESTED AND FOREST PRODUCTS FOR COLORADO, BY CENSUS YEARS**

(Source: Bureau of the Census)

|  | 1940<br>April 1 | 1935<br>Jan. 1 | 1930<br>April 1 | 1925<br>Jan. 1 | 1920<br>Jan. 1 | 1910<br>April 15 |
|--|-----------------|----------------|-----------------|----------------|----------------|------------------|
| <b>Livestock on farms:</b>   |                 |                |                 |                |                |                  |
| Domestic animals.....  | \$ 70,117,825   | \$ 53,581,142  | \$108,525,492   | \$ 83,051,970  | \$157,619,235  | \$ 67,321,491    |
| Poultry.....   | 1,494,392       | 1,630,349      | (3)             | (3)            | 2,924,006      | 1,012,251        |
| Bees.....  | 160,271         | (3)            | 325,971         | (3)            | 433,339        | 308,608          |
| Fur animals in captivity.....  | 359,711         | (3)            | (3)             | (3)            | (3)            | (3)              |
| Total.....   | \$ 72,132,199   | \$ 55,211,491  | \$111,618,372   | \$ 86,356,774  | \$160,976,580  | \$ 68,642,350    |
| <b>Livestock products:</b>   |                 |                |                 |                |                |                  |
| Whole milk, cream and butter sold.....                               | \$ 8,244,392    | (3)            | \$ 14,606,564   | \$ 9,714,720   | \$ 10,555,075  | \$ 3,399,741     |
| Wool shorn.....  | 2,417,226       | \$ 2,435,882   | 3,422,582       | 62,367,086     | 64,877,656     | 61,458,003       |
| Mohair and kid hair clipped.....                                     | 2,636           | 4,006          | 12,220          | 10,655         | 11,028         | 2,024            |
| Cattle and calves, hogs and pigs and sheep and lambs butchered.....  | 1,631,213       | (3)            | (3)             | (3)            | (3)            | 1,745,651        |
| Cattle and calves, hogs and pigs and sheep and lambs sold alive..... | 42,652,119      | (3)            | (3)             | (3)            | (3)            | 19,898,042       |
| Poultry raised.....  | 4,462,882       | (3)            | 6,307,990       | (3)            | (3)            | 1,393,030        |
| Chicken eggs produced.....   | 3,092,360       | 3,097,354      | 7,369,223       | 65,094,348     | 65,668,950     | 62,319,566       |
| Honey produced.....  | 162,104         | (3)            | 396,270         | (3)            | 573,610        | 225,832          |
| Pelts taken from fur animals in captivity.....                       | 441,603         | (3)            | (3)             | (3)            | (3)            | (3)              |
| Total.....   | \$ 63,107,535   | .....          | \$ 32,114,849   | .....          | \$ 21,686,319  | \$ 30,541,898    |
| <b>Crops harvested:</b>  |                 |                |                 |                |                |                  |
| All cereals.....   | \$ 15,570,963   | \$ 10,646,169  | \$ 38,747,842   | \$ 35,732,656  | \$ 63,448,740  | \$ 14,793,318    |
| Other grains and seed.....   | 5,549,270       | (3)            | 67,311,592      | (3)            | 5,427,744      | 706,672          |
| Hay and forage.....  | 18,289,591      | 919,301,025    | 29,946,784      | 26,460,116     | 268,278,280    | 17,327,615       |
| Irish and sweet potatoes.....  | 6,351,928       | 4,605,096      | 16,281,768      | 5,335,550      | 19,537,004     | 3,709,305        |
| Vegetables (excluding potatoes).....                                 | 4,195,919       | (3)            | 7,427,214       | (3)            | 15,419,2507    | 2,348,190        |
| Fruits and nuts.....   | 2,481,792       | (3)            | 5,659,950       | (3)            | 8,751,678      | 25,078,978       |
| Horticultural specialties sold.....                                  | 2,307,280       | (3)            | 62,300,673      | 33,554,170     | 33,335,972     | 35,541,170       |
| All other crops.....   | 7,464,165       | (3)            | 19,347,278      | (3)            | 17,747,532     | 6,133,194        |
| Total.....   | \$ 62,210,908   | .....          | \$127,063,101   | .....          | \$179,719,457  | \$ 50,651,442    |
| Forest products sold.....  | 114,280         | 89,497         | 3446,680        | (3)            | 19,020,829     | 34168,018        |
| Grand total, products and crops.....                                 | \$125,432,723   | .....          | \$159,624,630   | .....          | \$201,708,599  | \$ 81,361,358    |

<sup>1</sup>Includes value for asses and burros of all ages, as follows: \$58,978 for 1930, \$166,019 for 1920, and \$136,732 for 1910. <sup>2</sup>Includes \$451,813 estimated value for asses and burros, poultry other than chickens and bees. <sup>3</sup>Not available. <sup>4</sup>Excludes butter sold. <sup>5</sup>Includes estimates for incomplete reports. <sup>6</sup>The value of "Other grains and seeds" includes \$88,501 for the value of flower and vegetable seeds, which may be partly duplicated under the value of sales of horticultural specialties. <sup>7</sup>Excludes buckwheat, emmer and spelt. <sup>8</sup>Excludes emmer and spelt. <sup>9</sup>In 1924 and 1909 no separate inquiry was included for mixed grains, the enumerator being instructed to allocate the acreage and production of grains grown in mixture. <sup>10</sup>For 1934, includes all hay and sorghums for forage, and for 1924 includes an undetermined amount of sorghums cut for hay. <sup>11</sup>Excludes value for corn hogged or grazed off or cut for green or dry fodder; silage crops other than corn and sorghums; oats vetch and fed unthreshed; and root and grain crops (other than corn and annual legumes) hogged or grazed off. The value for root crops harvested for feed was included. <sup>12</sup>Includes Irish and sweet potatoes grown in farm gardens. <sup>13</sup>Includes value for wild black walnuts. <sup>14</sup>Includes the value for flower and vegetable seeds harvested. <sup>15</sup>Not strictly comparable for the various census years due to schedule differences.

**MORTGAGE DEBT OF COLORADO FARMS: NUMBER DISTRIBUTED AS TO OWNERSHIP,  
VALUE OF FARMS AND AMOUNT OF DEBT, BY CENSUS YEARS**

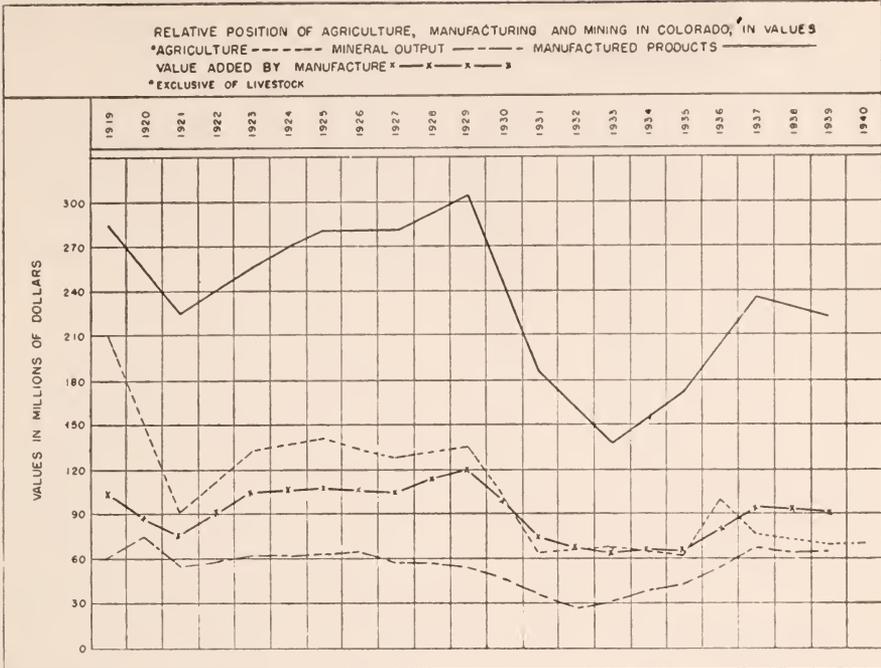
(Source: Bureau of the Census)

Note—Data for 1940 and 1930 relate to April 1; for 1925 and 1920 to January 1; and for 1910 to April 15.

| ITEM                                 | 1940         | 1930          | (1) 1925      | 1920          | 1910          |
|--------------------------------------|--------------|---------------|---------------|---------------|---------------|
| <b>FARMS OPERATED BY FULL OWNERS</b> |              |               |               |               |               |
| Number -----                         | 22,385       | 26,929        | 29,292        | 35,553        | 32,474        |
| Free from mortgage_                  | 10,250       | 12,001        | (2)           | 17,180        | (2)           |
| Reported mortgaged_                  | 10,717       | 12,825        | 14,444        | 15,955        | (2)           |
| Not reported -----                   | 1,418        | 2,103         | (2)           | 2,418         | (2)           |
| Farms free from mortgage:            |              |               |               |               |               |
| Area, acres -----                    | 2,689,897    | 2,997,016     | (2)           | (2)           | (2)           |
| Average per farm_                    | 262.4        | 249.7         | (2)           | (2)           | (2)           |
| Value land and buildings -----       | \$51,309,351 | \$ 78,552,980 | (2)           | (2)           | (2)           |
| Average per farm_                    | 5,006        | 6,546         | (2)           | (2)           | (2)           |
| Farms reported mortgaged:            |              |               |               |               |               |
| Area, acres -----                    | 3,385,132    | 3,926,217     | 4,927,112     | (2)           | (2)           |
| Average per farm_                    | 319.6        | 310.0         | 341.1         | (2)           | (2)           |
| Value land and buildings -----       | \$76,958,835 | \$127,162,862 | \$144,065,345 | \$211,700,699 | \$ 77,332,068 |
| Average per farm_                    | 7,266        | 10,040        | 9,974         | 13,454        | 10,214        |
| Amount of mortgage                   | 32,493,813   | 48,854,641    | 61,408,229    | 62,623,338    | 18,986,026    |
| Average equity per farm -----        | 4,198        | 6,183         | 5,723         | 9,474         | 7,706         |
| Average debt per farm -----          | 3,068        | 3,857         | 4,251         | 3,980         | 2,508         |
| <b>FARMS OPERATED BY PART OWNERS</b> |              |               |               |               |               |
| Number -----                         | 9,442        | 11,497        | 10,225        | 9,738         | 4,519         |
| Free from mortgage_                  | 3,137        | 3,740         | (2)           | 3,785         | (2)           |
| Reported mortgaged_                  | 5,884        | 7,191         | 6,553         | 5,176         | (2)           |
| Not reported -----                   | 421          | 566           | (2)           | 777           | (2)           |
| Farms free from mortgage:            |              |               |               |               |               |
| Area, acres -----                    | 4,980,814    | (2)           | (2)           | (2)           | (2)           |
| Average per farm_                    | 1,587.8      | (2)           | (2)           | (2)           | (2)           |
| Portion owned, acres -----           | 2,238,953    | (2)           | (2)           | (2)           | (2)           |
| Average per farm_                    | 713.7        | (2)           | (2)           | (2)           | (2)           |
| Value land and buildings:            |              |               |               |               |               |
| Total -----                          | \$29,768,752 | (2)           | (2)           | (2)           | (2)           |
| Portion owned -----                  | 16,784,193   | (2)           | (2)           | (2)           | (2)           |
| Farms reported mortgaged:            |              |               |               |               |               |
| Area, acres -----                    | 9,265,346    | (2)           | (2)           | (2)           | (2)           |
| Average per farm_                    | 1,590.9      | (2)           | (2)           | (2)           | (2)           |
| Portion owned -----                  | 4,345,050    | (2)           | (2)           | (2)           | (2)           |
| Average per farm_                    | 746.1        | (2)           | (2)           | (2)           | (2)           |
| Value land and buildings:            |              |               |               |               |               |
| Total -----                          | \$69,968,861 | (2)           | (2)           | (2)           | (2)           |
| Portion owned -----                  | 40,684,511   | (2)           | (2)           | (2)           | (2)           |
| Amount of mortgage on portion owned_ |              |               |               |               |               |
| Total -----                          | 18,360,700   | (2)           | (2)           | (2)           | (2)           |
| Average equity per farm -----        | 3,833        | (2)           | (2)           | (2)           | (2)           |
| Average debt per farm -----          | 3,153        | (2)           | (2)           | (2)           | (2)           |

(1) All 1925 data for mortgaged farms based on those reporting the amount of mortgage debt.

(2) Not available.



**DAIRY INDUSTRY**

Dairying ranks as one of Colorado's more important industries. The industry as a whole, including butter and cheese manufactured on the farm and in factories, whole milk sold by producers, and all the products of dairying, represents an annual gross value of around \$25,000,000. Dependable statistics, except for census years, are limited, however, to the output of factories engaged in the production of butter, cheese, ice cream, evaporated milk and similar products, licensed by the state dairy commissioner. The licensed factories have produced \$224,972,054 worth of these products in the 18 years ending with 1940, an average of \$12,498,447 a year for that period.

The value of all dairy products, including the output of factories and farm production, as reported by the state dairy commissioner, for fiscal years ending June 30 down to and including 1935, and for calendar years beginning with 1936, are shown in the following table, except that the value of farm products for years subsequent to 1936 is omitted, and only the value of factory products is shown:

|           | Factory Products | All Dairy Products |
|-----------|------------------|--------------------|
| 1923..... | \$11,354,477     | \$23,348,356       |
| 1924..... | 14,004,422       | 28,543,590         |
| 1925..... | 12,114,710       | 25,832,969         |
| 1926..... | 13,450,855       | 26,430,336         |

|           | Factory Products | All Dairy Products |
|-----------|------------------|--------------------|
| 1927..... | 14,533,764       | 28,902,412         |
| 1928..... | 17,117,396       | 31,453,025         |
| 1929..... | 18,553,840       | 33,134,695         |
| 1930..... | 15,308,386       | 28,635,025         |
| 1931..... | 12,690,913       | 24,164,509         |
| 1932..... | 10,245,134       | 19,885,874         |
| 1933..... | 8,618,733        | 16,261,330         |
| 1934..... | 9,695,399        | 16,338,738         |
| 1935..... | 10,002,062       | 20,043,743         |
| 1936..... | 11,069,483       | 25,912,658         |
| 1937..... | 11,518,874       | .....              |
| 1938..... | 11,464,522       | .....              |
| 1939..... | 11,168,242       | .....              |
| 1940..... | 12,060,842       | .....              |

The production of butter, as reported for fiscal years ending June 30 down to and including 1935, including butter made on farms and in factories, and butter produced in factories only for calendar years beginning with 1936, is as follows:

|           | Pounds     | Value        |
|-----------|------------|--------------|
| 1923..... | 21,726,717 | \$ 9,342,487 |
| 1924..... | 26,166,488 | 11,644,087   |
| 1925..... | 23,572,142 | 8,817,707    |
| 1926..... | 19,965,779 | 8,087,273    |
| 1927..... | 24,200,138 | 11,374,065   |
| 1928..... | 26,468,663 | 12,175,584   |
| 1929..... | 26,664,857 | 12,932,456   |
| 1930..... | 27,604,776 | 10,213,767   |
| 1931..... | 25,800,119 | 8,753,977    |
| 1932..... | 27,032,644 | 7,515,075    |
| 1933..... | 26,578,470 | 6,106,048    |
| 1934..... | 27,447,371 | 6,806,940    |
| 1935..... | 22,213,894 | 6,956,307    |
| 1936..... | 20,265,823 | 6,688,822    |
| 1937..... | 21,124,905 | 6,865,594    |
| 1938..... | 22,286,991 | 6,697,532    |
| 1939..... | 22,696,006 | 6,189,201    |
| 1940..... | 22,148,474 | 6,852,738    |

Cheese production (all varieties) in pounds and value for fiscal years ending June 30 down to 1935 and for calendar years beginning with 1936 are as follows:

|           | Pounds    | Value      |
|-----------|-----------|------------|
| 1923..... | 1,657,073 | \$ 342,344 |
| 1924..... | 2,489,642 | 591,867    |
| 1925..... | 1,867,045 | 412,598    |
| 1926..... | 1,971,280 | 288,048    |
| 1927..... | 2,350,565 | 407,868    |
| 1928..... | 3,860,816 | 748,031    |
| 1929..... | 5,344,006 | 1,023,190  |
| 1930..... | 5,553,597 | 986,768    |
| 1931..... | 4,765,004 | 609,638    |
| 1932..... | 4,899,066 | 511,066    |
| 1933..... | 5,121,326 | 520,615    |
| 1934..... | 5,646,345 | 582,557    |
| 1935..... | 4,444,742 | 559,725    |
| 1936..... | 5,094,315 | 700,252    |
| 1937..... | 4,779,182 | 567,249    |
| 1938..... | 5,489,930 | 569,069    |
| 1939..... | 4,036,181 | 464,728    |
| 1940..... | 4,214,084 | 534,651    |

The number of plants in the state licensed to engage in the manufacture of dairy products as of June 30 of the years named, as reported by the state dairy commissioner, is as follows:

|   | 1941 | 1940 | 1939 |
|---|------|------|------|
| Creameries (butter)....                     | 75   | 77   | 79   |
| Ice cream plants and counter freezers.....  | 192  | 197  | 202  |
| Cheese factories.....                       | 16   | 18   | 20   |
| Malted and dried milk plants.....           | 6    | 6    | 4    |
| Condensaries and evaporated milk plants.... | 5    | 5    | 4    |
| Cottage cheese factories.....               | 46   | 48   | 49   |
| Receiving stations....                      | 230  | 232  | 250  |
| Licensed plants.....                        | 279  | 280  | 295  |
| Licensed operators.....                     | 875  | 834  | 947  |
| Oleomargarine plants..                      | 21   | 18   | 20   |

Of the plants licensed in 1941, 23 made no product other than butter, 147 made no product other than ice cream, 10 made only cheese and 10 made only cottage cheese.

Butter sold in Colorado, as reported by the commissioner, by fiscal years ending June 30 down to 1935 and for calendar years beginning with 1936, is as follows:

| Year      | Pounds     |
|-----------|------------|
| 1932..... | 13,454,721 |
| 1933..... | 15,166,950 |
| 1934..... | 15,653,051 |
| 1935..... | 13,969,010 |
| 1936..... | 13,827,688 |
| 1937..... | 14,667,824 |
| 1938..... | 14,482,151 |
| 1939..... | 15,370,573 |
| 1940..... | 14,958,671 |

Oleomargarine sold in Colorado, by calendar years, as reported by the state dairy commissioner, is as follows:

| Year      | Pounds    |
|-----------|-----------|
| 1935..... | 3,803,088 |
| 1936..... | 4,063,523 |
| 1937..... | 4,242,706 |
| 1938..... | 4,109,576 |
| 1939..... | 3,638,390 |
| 1940..... | 4,751,574 |

A table published herewith shows the distribution in quantity and value of dairy products in 1940, 1939 and 1938 as reported by the state dairy commissioner.

Two tables are given herewith summarizing the butter and cheese manufacturing industry in census years as reported by the bureau of the census.

Another table gives quantity and value of dairy products produced on farms.

#### POULTRY ON FARMS

There were 2,842,061 chickens valued at \$1,340,949 on Colorado farms on April 1, 1940, as reported by the census. That was the smallest number in any census year since 1910. The figures do not, however, fully reflect the facts, inasmuch as the census for years other than 1939 was taken as of January 1 and the difference in dates considerably affects the number. A better figure is the number sold in 1939, which totaled 5,210,207, valued at \$2,488,577. The chickens produced 19,250,929 dozen eggs in 1939, valued at \$3,093,360.

A far greater difference in turkey production and sales is shown. On April 1, 1940, there were only 86,874 turkeys, valued at \$138,304, on the farms. However, there were 901,502 turkeys valued at \$1,931,971 raised in 1939, the relative turnover being credited to the sale of turkeys generally at ages under one year. The raising of turkeys has increased at a far greater rate than for chickens, the number in 1929 being 547,789. Until recent years the sale of turkeys largely was confined to the holiday seasons, but now there is a market for them the year 'round.

Ducks and geese are much less plentiful on Colorado farms, there being only 15,776, valued at \$7,633, of the former in 1940 and 3,841, valued at \$4,201, for the latter.

The 19,250,929 dozen chicken eggs produced in the state in 1939 was equal to approximately 17 dozen for each man, woman and child, or 204 eggs per capita. The number of chickens raised in 1939 was a fraction over 4 per capita. The number of turkeys raised failed to come up to one for each person in the state.

Poultry raising has been commercialized in Colorado to a greater extent than the number on the farms indicate as there are a number of large establishments engaged in the business on a considerable scale.

DAIRY INDUSTRY: QUANTITY AND WHOLESALE VALUE OF PRODUCTS MANUFACTURED IN COLORADO IN FACTORIES LICENSED BY STATE DAIRY COMMISSIONER, CALENDAR YEARS 1940, 1939 AND 1938

(Source: State Dairy Commissioner)

Note—Butter and cheese made on farms and sold or consumed are not included.

|   | 1940       |              | 1939       |              | 1938       |              |
|---|------------|--------------|------------|--------------|------------|--------------|
|   | Quantity   | Value        | Quantity   | Value        | Quantity   | Value        |
| Creamery butter, lbs.-----  | 22,148,474 | \$6,852,738  | 22,696,006 | \$6,189,201  | 22,286,991 | \$6,697,532  |
| Ice cream, gals.-----   | 3,100,103  | 2,622,997    | 3,104,892  | 2,647,541    | 2,827,002  | 2,503,310    |
| Sherbet, gals.-----   | 133,760    | 113,174      | 128,280    | 107,896      | 116,270    | 102,957      |
| American or cheddar cheese:   |            |              |            |              |            |              |
| Whole milk (lbs.)-----  | 1,452,372  | 261,427      | 1,361,863  | 186,303      | 2,099,201  | 251,904      |
| Part skim (lbs.)-----   | 816,920    | 114,369      | 1,162,161  | 139,459      | 1,733,719  | 164,703      |
| Full skim (lbs.)-----   | -----      | -----        | -----      | -----        | 5,592      | 531          |
| All Italian varieties of cheese,<br>lbs. -----  | 8,300      | 1,494        | -----      | -----        | -----      | -----        |
| All other varieties of cheese,<br>lbs. -----  | 14,500     | 2,610        | -----      | -----        | -----      | -----        |
| Cream cheese, lbs.-----   | -----      | -----        | 890        | 232          | -----      | -----        |
| Cottage cheese, all varieties,<br>lbs. -----  | 1,919,992  | 154,751      | 1,511,267  | 138,734      | 1,651,418  | 151,931      |
| Sweetened condensed milk:   |            |              |            |              |            |              |
| Bulk goods, skimmed, lbs. .   | 15,950     | 1,037        | 31,350     | 2,038        | -----      | -----        |
| Unsweetened condensed milk:   |            |              |            |              |            |              |
| Bulk goods, skimmed, lbs. .   | 1,311,226  | 32,780       | 1,215,477  | \$0,387      | 1,020,481  | 25,512       |
| Bulk goods, unskimmed, lbs.   | 9,150      | 549          | 55,457     | 3,327        | 368,642    | 22,119       |
| Evaporated milk, unsweetened:   |            |              |            |              |            |              |
| Case goods, unskimmed, lbs.   | 18,016,145 | 1,243,114    | 16,940,788 | 1,185,855    | 19,324,628 | 1,256,101    |
| Condensed or evaporated but-<br>termilk (including concen-<br>trated products), lbs.----- | 72,920     | 2,151        | 281,915    | 7,330        | 107,620    | 4,197        |
| Dry or powdered buttermilk,<br>lbs. -----   | 570,725    | 28,308       | 574,135    | 26,123       | 662,600    | 16,565       |
| Dry or powdered skim milk<br>(in barrels), lbs.-----                                      | 59,801     | 3,116        | 3,150      | 142          | 235,481    | 9,419        |
| Dry or powdered skim milk<br>(in bags), lbs.-----   | 249,862    | 13,018       | 539,788    | 24,830       | 485,205    | 18,923       |
| Malted milk-----  | 4,576,185  | 613,209      | 3,573,465  | 478,844      | 1,837,061  | 238,818      |
| Value factory products-----   |            | \$12,060,842 |            | \$11,168,242 |            | \$11,464,522 |
| Butter sold in Colorado (lbs.)  | 14,958,671 | -----        | 15,370,578 | -----        | 14,482,151 | -----        |
| Oleomargarine sold in Colo-<br>rado, lbs.-----  | 4,751,574  | -----        | 3,638,390  | -----        | 4,109,576  | -----        |

**DAIRY INDUSTRY: COWS AND HEIFERS MILKED, MILK PRODUCED AND SOLD,  
BUTTER CHURNED AND SOLD, AND CREAM SOLD ON COLORADO FARMS,  
AND VALUES, BY CENSUS YEARS**

(Source: Bureau of the Census)

|  | 1939               |             | 1934               |       | 1929               |             |
|--|--------------------|-------------|--------------------|-------|--------------------|-------------|
|  | Number or Quantity | Value       | Number or Quantity | Value | Number or Quantity | Value       |
| Cows and heifers milked--                        | 190,851            | -----       | 257,746            | ----- | 234,530            | -----       |
| Milk produced, gals.-----                        | 100,535,695        | -----       | 106,820,253        | ----- | 121,905,777        | -----       |
| Whole milk sold, gals.-----                      | 34,289,958         | \$5,528,990 | (1)                | (1)   | 36,082,195         | \$6,822,101 |
| Butter churned, including<br>any sold, lbs.----- | 2,986,689          | -----       | 4,140,444          | ----- | 3,578,682          | -----       |
| Butter sold, lbs.-----                           | 382,700            | 102,378     | (1)                | (1)   | 582,962            | 258,996     |
| Cream sold.-----                                 | -----              | 2,613,024   | (1)                | (1)   | -----              | 7,525,467   |

(1) Not available.

**DAIRYING: AVERAGE PRICES FOR CREAM AND MILK, BY YEARS**

(Source: State Dairy Commissioner)

|  | 1941   | 1940   | 1939  | 1938  | 1937   | 1936   | 1935   |
|--|--------|--------|-------|-------|--------|--------|--------|
| Sour cream, station, per lb. butterfat -----   | \$.27½ | \$.20½ | \$.22 | \$.27 | \$.29¼ | \$.24½ | \$.23½ |
| Sour cream, track, per lb. butterfat -----   | .30½   | .23½   | .35   | .29   | .32    | .25½   | .24½   |
| Sour cream, delivered, per lb. butterfat -----                                       | .31½   | .24½   | .26   | .30   | .33    | .27½   | .26½   |
| Sweet cream, per lb. butterfat.-----   | .36½   | .29½   | .31   | .35   | .37    | .33    | .31    |
| Milk for fluid use, per cwt. of 3.5% milk (Denver milk shed)-----                    | 2.12   | 2.07   | 2.10  | 2.19  | 2.12   | 1.92   | 1.75   |
| Milk for manufacturing purposes,% per cwt. of 3.5% milk-----                         | 1.30   | 1.23   | 1.11  | 1.48  | 1.44   | 1.15   | 1.05   |
| Sweet cream, separated from milk% for manufacturing purposes, per lb. butterfat----- | .44    | .40½   | .39   | .48   | .46    | ---    | ---    |

**DAIRY INDUSTRY: SUMMARY OF COLORADO CHEESE MANUFACTURES,  
BY CENSUS YEARS**

(Source: Bureau of the Census)

Note—Data for establishments with products under \$5,000 in value are not included. Industries included in this table are factories not located on farms. Farm production of butter and cheese is treated as an agricultural operation. There is some overlapping of totals in this table and another table on butter manufactures due to the making of one or the other as a secondary product.

|   | 1939      | 1937      | 1935      | 1933      | 1931      | 1929      |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| Number of establishments-----                                     | 11        | 15        | 12        | 8         | 14        | 16        |
| Persons engaged*-----   | 33        | 37        | 24        | 15        | 22        | 33        |
| Salaries and wages*-----  | \$ 37,817 | \$ 42,974 | \$ 19,762 | \$ 19,204 | \$ 29,580 | \$ 51,575 |
| Cost of materials, containers, etc.-----                          | 385,825   | 443,473   | 317,683   | 245,521   | 339,942   | 713,432   |
| Value of products-----  | 513,218   | 495,232   | 396,373   | 319,436   | 416,374   | 846,964   |
| Value added by manufacture-----                                   | 127,393   | 51,759    | 78,690    | 73,915    | 76,432    | 133,532   |
| Cheese other than cottage, pot and bakers' produced (pounds)----- | -----     | 3,035,842 | -----     | -----     | 3,171,283 | 3,789,990 |
| Value cheese-----   | \$481,081 | \$449,622 | -----     | -----     | \$391,030 | \$774,912 |

\*Exclusive of proprietors and firm members, and officers and employees of central administrative offices.

**DAIRY INDUSTRY: SUMMARY OF COLORADO CREAMERY BUTTER MANUFACTURES, BY CENSUS YEARS**

(Source: Bureau of the Census)

Note—Data for establishments with products under \$5,000 in value are not included. Industries included in this table are factories not located on farms. Farm production of butter and cheese is treated as an agricultural operation. There is some overlapping of totals in this table and another table on cheese manufactures due to the making of one or the other as a secondary product.

|   | 1939        | 1937        | 1935        | 1933        | 1931        | 1929        |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Number of establishments-----                   | 49          | 61          | 55          | 52          | 56          | 60          |
| Persons engaged:*                               |             |             |             |             |             |             |
| Salaried officers and employees..               | 117         | 173         | 138         | (1)         | (1)         | 142         |
| Wage earners (average number)                   | 310         | 356         | 282         | 256         | 244         | 303         |
| Salaries and wages:*                            |             |             |             |             |             |             |
| Salaries -----                                  | \$225,507   | \$267,647   | \$218,211   | (1)         | (1)         | \$280,682   |
| Wages -----                                     | 289,152     | 334,891     | 267,615     | \$217,344   | \$289,605   | 340,492     |
| Total -----                                     | \$514,659   | \$602,538   | \$485,826   | -----       | -----       | \$621,174   |
| Cost of materials, containers, fuel, etc. ----- | \$5,192,349 | \$6,411,929 | \$4,437,580 | \$4,155,357 | \$5,088,471 | \$8,039,080 |
| Value of products-----                          | \$6,627,153 | \$8,394,917 | \$5,745,983 | \$5,251,527 | \$6,331,731 | \$9,854,633 |
| Value added by manufacture.....                 | 1,434,804   | 1,982,988   | 1,308,403   | 1,096,170   | 1,243,260   | 1,815,553   |
| Creamery butter produced (lbs.)--               | -----       | 21,027,329  | 16,922,384  | -----       | 21,480,603  | 22,020,043  |
| Value butter-----                               | -----       | \$7,027,919 | \$4,764,020 | -----       | \$5,761,830 | \$9,083,253 |

\*Exclusive of proprietors and firm members, and officers and employees of central administrative offices.

(1) Not called for on schedule.

**BEEES AND HONEY**

The quantity of honey produced in Colorado annually varies widely according to climatic conditions and the flora available for nectar secretions. In the eight-year period ending with 1937 the output has varied from 1,000,000 pounds in 1931 to 4,875,000 pounds in 1936, according to estimates of the United States department of agriculture.

The high altitude, dry climate and types of sources provide a honey of flavor and body unexcelled anywhere in the United States. The color varies somewhat but as a rule ranges from white to a light amber and commands top prices on eastern markets. Amber honey, which has a stronger flavor and a deeper color, and which is used largely for baking and candy making, also is produced in considerable quantities. Honey is produced in the state from the lowest elevations of the valleys up to and including 7,500 to 8,000 feet above sea level.

The estimated yield of honey per colony also varies extensively from year to year, depending upon climatical conditions and available flora. In 1931 the United States department of agriculture estimated the yield at 10 pounds per colony, and in 1937 it was 57 pounds. These yields represent the extremes.

The state apiary laws are administered by the bureau of plant and insect control under the state entomologist, a section of the Colorado division of agriculture. This section reported 32,988 colonies in apiaries in 1941, of which 446 were found to be diseased. Of these, 223 were burned and 181 were treated.

The number of hives in Colorado in census years as reported by the United States bureau of the census are as follows:

| Year                  | Hives  |
|-----------------------|--------|
| 1900, June 1.....     | 59,756 |
| 1910, January 15..... | 71,434 |
| 1920, January 1.....  | 63,253 |
| 1930, April 1.....    | 67,289 |
| 1940, April 1.....    | 44,922 |

Of those reported in 1940, 31,825 were hives owned by farm operators and 13,097 were owned by others, but kept on the farms.

The production of honey in pounds, and the value of the crop, as reported by the bureau of the census, is as follows:

| Year      | Pounds    | Value     |
|-----------|-----------|-----------|
| 1899..... | 1,732,630 | \$171,740 |
| 1909..... | 2,306,492 | 225,883   |
| 1919..... | 2,493,950 | 573,610   |
| 1929..... | 3,509,510 | 396,270   |
| 1939..... | 2,112,351 | 162,104   |

Forty-two of the 63 counties in the state reported honey production in 1939 as compared with 50 in 1929.

### AGRICULTURAL ADJUSTMENT

The Agricultural Adjustment administration (AAA) is an agency of the United States department of agriculture charged with the administration of certain legislation designed to maintain an ever-normal granary of basic farm products at prices which will yield a farm income comparable with non-farm income, conserve soil resources, and protect generally the interests of producers and consumers. The first objective is sought through the adjustment of farm prices and income by the limitation or allotment of crops. The objective of the soil conservation program is to improve soil fertility and to prevent wind and rain erosion. It is a complicated organization which requires no detailed description here, and includes such features as marketing agreements, parity payments, surplus removal, the food order stamp plan and others. It is administered under the provisions of the agricultural adjustment act of 1938 (approved February 16, 1938), amendments to this and prior acts, and related legislation.

The program is made effective by the cooperation of individual farmers who by their participation become members of county associations. Members of county associations elect committeemen from their own number, who are in actual charge of the administration of the program locally.

The local associations, in turn, are under a state committee of five which maintains a state office at the Agricultural college at Fort Collins.

There were 39,581 farms in Colorado participating in the 1940 conservation programs. These comprised 6,862,761 acres of cropland or 82.4 per cent of all the cropland in the state. The number of payees was 43,613, and estimated gross payments amounted to \$4,860,060 or an average of \$111.46 per payee.

Payments to producers in Colorado in fiscal years ending June 30 under the act and its sundry amendments are as follows:

| Year  | Amount       |
|-------|--------------|
| 1934  | \$ 1,604,106 |
| 1935  | 8,201,585    |
| 1936  | 8,652,151    |
| 1937  | 6,863,295    |
| 1938  | 4,770,401    |
| 1939  | 11,709,214   |
| 1940  | 11,082,437   |
| 1941  | 10,221,019   |
| Total | \$63,111,608 |

Distribution of payments to producers in Colorado in the year ending June 30, 1941, are as follows:

|                                    | Amount       |
|------------------------------------|--------------|
| Agricultural conservation payments | \$ 4,389,283 |
| 1940 parity payment program        | 848,365      |
| 1941 parity payment program        | 123,803      |
| Sugar act of 1937                  | 3,842,108    |
| All other*                         | 1,017,460    |
| Total                              | \$10,221,019 |

\*Includes miscellaneous program payments, expenses of county association, state's proportion of expenses of the administration in Washington and payments for the purchase and diversion of agricultural products.

Three measures are provided for keeping excess wheat off the market. The farmer may store the production in excess of his quota in a public warehouse under bond and make a loan on same, may turn his excess over to the government to be taken out of trade channels to be used for relief and non-commercial uses, or he may pay the marketing penalty, which in 1941 was 49 cents a bushel. Wheat under loan in Colorado, in bushels in specified years was as follows:

| Year | Bushels   | Av. Farm Price |
|------|-----------|----------------|
| 1938 | 1,133,371 | \$.49          |
| 1939 | 2,907,961 | .64            |
| 1940 | 3,314,613 | .62            |

Estimated gross payments in Colorado, by commodities, in 1940, adjusted to round figures, are as follows:

| Commodity                         | Amount      |
|-----------------------------------|-------------|
| Wheat                             | \$ 910,000  |
| Potatoes, commercial              | 353,000     |
| Vegetables, commercial            | 41,000      |
| General diversion                 | 1,789,000   |
| Restoration land                  | 67,000      |
| Soil and range building practices | 1,701,000   |
| Total                             | \$4,861,000 |

### FARM SECURITY ADMINISTRATION

The Resettlement administration was created by executive order on April 30, 1935, pursuant to the emergency relief appropriation act of April 8, 1935, and was transferred to the department of agriculture on December 31, 1936, and its name was changed to the Farm Security administration. It took over homestead projects of the resettlement administration, the subsistence homestead division of the department of the interior, the federal emergency relief administration and the Rural Rehabilitation corporation.

The primary purposes of the several agencies were to make loans to destitute and low-income farmers, to informal co-operatives of farmers needing assistance, and tenant farmers to enable them to reestablish themselves on a firm foundation by financing their indebtedness and giving them the opportunity to make a new start. Included in the program was the estab-

lishment of migratory labor camps for migrant families who take to the highways in search of day labor.

Loans and grants in Colorado to individual farm families for the fiscal year ending June 30, 1941, and from 1934 to 1941, inclusive, under the rural rehabilitation program, are as follows:

|              | 1941        | 1934-1941    |
|--------------|-------------|--------------|
| Loans .....  | \$2,248,000 | \$17,566,000 |
| Grants ..... | 409,000     | 2,721,000    |
| Total .....  | \$2,657,000 | \$20,287,000 |

On June 30, 1941, there were 20,584 families receiving loans or grants, or both loans and grants.

Loans outstanding on June 30, 1941, are as follows:

|                            |              |
|----------------------------|--------------|
| Number families.....       | 9,893        |
| Amounts outstanding.....   | \$10,805,000 |
| Amount of maturities.....  | 8,418,000    |
| Amount of collections..... | 5,853,000    |
| Per cent collected.....    | 69.5         |

Under Title I of the Bankhead-Jones farm tenant act, the administration was authorized to make loans to competent farm tenants, share croppers and farm laborers to enable them to become farm owners. Funds are distributed to states on the basis of farm population.

Tenant purchase loans in Colorado in the fiscal year 1941, were as follows:

|                                  |           |
|----------------------------------|-----------|
| Counties designated for loans... | 15        |
| Applicants .....                 | 837       |
| Borrowers .....                  | 35        |
| Loans approved .....             | \$378,429 |
| Average loan.....                | 10,812    |

On June 30, 1941, principal and interest matured amounted to \$24,366 and amount collected, including delinquencies, was \$28,398.

There were three subsistence-homesteads-type projects in Colorado on June 30, 1941, comprising 496 acres, which represented a cost of \$103,702, development cost of \$16,393, and a total investment of \$120,065.

On June 30, 1941, there were 190 scattered-farms-type projects in the state embracing 16,679 acres, representing a total investment of \$2,107,637.

At the end of the 1941 fiscal year there were 2,480 participants in community and cooperative services to whom \$168,104 had been loaned.

The net encumbrances for all major purposes for Colorado on June 30, 1941, amounted to \$4,491,000.

**SOIL CONSERVATION**

Colorado is one of 42 states having statutes providing for the organization of soil conservation districts. The

first such law in the state became effective May 6, 1937. This act was revised and clarified effective April 3, 1941.

Soil conservation districts are self-governing subdivisions of the state, through which land owners and operators may cooperate together and through which they may also secure the aid of state and federal agencies in solving problems of erosion, flood control and soil and water conservation that the individual cannot handle alone. The organization of such districts is entirely voluntary.

Voting powers within districts are vested primarily in the resident land owners. They elect from among themselves three of the five members of the district board of supervisors.

These districts may levy taxes to help in carrying out their programs, but only by an affirmative vote of a majority of all the land owners eligible to vote.

Districts in Colorado are working on range improvement, stock water development, revegetation of eroded lands, reforestation, spreading of flood water on pasture and range land, improvement of irrigation systems, control of erosion by wind and water, flood control, stream bank protection, and improved methods for the conservation of soil, soil fertility and moisture.

Many districts are collaborating closely with county and state officials in making desirable changes in the use of land, road improvement and road protection from floods. Several districts are cooperating with county superintendents of schools in establishing soil conservation education in the public school system.

The law is administered under the State Soil Conservation Board, which is made up of the Director of the extension service of the Colorado State College of Agriculture and Mechanic Arts, the Director of the Colorado experiment station, and two members of the state planning commission.

These four members may request the secretary of the United States department of agriculture to appoint a representative who at present is the state conservationist of the soil conservation service.

The board consists of Nate C. Warren, president; Alvin Kezer, F. A. Anderson, Homer J. Henney and Kenneth W. Chalmers. A. J. Hamman is secretary.

A table published herewith gives the names, location, date of organization and acreage included, as of September 1, 1942.

**SOIL CONSERVATION: NUMBER, NAMES, LOCATION, DATE OF ORGANIZATION, AND ACREAGE IN SOIL CONSERVATION DISTRICTS IN COLORADO, AS OF SEPTEMBER 1, 1942**

(Source: State Soil Conservation Board)

Note—The 8,884,360 acres in conservation districts is approximately 13.4 per cent of the area of the state.

| No.         | Name of District       | County              | Date Organized | Area (Acres) |
|-------------|------------------------|---------------------|----------------|--------------|
| 1           | Great Divide.....      | Moffat .....        | Dec. 28, 1937  | 266,512      |
|             | Addition No. 1.....    | Moffat .....        | Feb. 24, 1941  | 108,388      |
| 2           | Western Baca.....      | Baca .....          | Mar. 5, 1938   | 845,000      |
| 3           | Southeastern Baca..... | Baca .....          | June 30, 1938  | 391,360      |
| 4           | Plainview .....        | Kit Carson.....     | July 9, 1938   | 151,827      |
| 5           | Smoky Hill.....        | Kit Carson.....     | Oct. 14, 1938  | 150,000      |
| 6           | Custer County.....     | Custer .....        | Apr. 27, 1939  | 109,600      |
|             | Addition No. 1.....    | Custer .....        | May 16, 1942   | 322,560      |
|             | Addition No. 2.....    | Custer .....        | June 12, 1942  | 7,785        |
| 7           | Big Sandy.....         | Elbert .....        | Aug. 28, 1939  | 155,200      |
|             | Addition No. 1.....    | Elbert .....        | Dec. 31, 1941  | 320          |
|             | Addition No. 2.....    | Elbert .....        | Jan. 7, 1942   | 400          |
| 8           | Horse-Rush.....        | Elbert .....        | Sept. 11, 1939 | 238,600      |
|             | Addition No. 1.....    | Elbert .....        | Dec. 18, 1941  | 4,680        |
|             | Addition No. 2.....    | El Paso.....        | July 20, 1942  | 320          |
| 9           | Orchard Mesa.....      | Mesa .....          | Jan. 11, 1940  | 325,000      |
| 10          | West Plum.....         | Douglas .....       | Feb. 3, 1940   | 103,846      |
|             | Addition No. 1.....    | Douglas .....       | Mar. 7, 1942   | 245,470      |
|             | Addition No. 2.....    | Douglas .....       | June 19, 1942  | 4,076        |
| 11          | Vernal Mesa.....       | Montrose.....       | Apr. 1, 1940   | 41,900       |
| 12          | Glade Park.....        | Mesa .....          | Apr. 27, 1940  | 265,500      |
| 13          | Upper Huerfano.....    | Huerfano.....       | June 15, 1940  | 341,760      |
|             | Addition No. 1.....    | Huerfano.....       | Nov. 16, 1940  | 145,020      |
|             | Addition No. 2.....    | Huerfano.....       | June 14, 1941  | 21,560       |
|             | Addition No. 3.....    | Huerfano.....       | Feb. 14, 1941  | 14,738       |
| 14          | Kannah Creek.....      | Mesa .....          | July 1, 1940   | 145,200      |
|             | Addition No. 1.....    | Mesa .....          | Dec. 9, 1941   | 920          |
| 15          | Cheyenne .....         | Cheyenne.....       | Aug. 7, 1940   | 166,400      |
|             | Addition No. 1.....    | Cheyenne.....       | Dec. 20, 1941  | 132,910      |
|             | Addition No. 2.....    | Cheyenne.....       | Apr. 25, 1942  | 640          |
|             | Addition No. 3.....    | Cheyenne.....       | Aug. 15, 1942  | 234,750      |
| 16          | Agate .....            | Elbert .....        | Aug. 21, 1940  | 275,000      |
|             | Addition No. 1.....    | Elbert .....        | Dec. 3, 1941   | 4,520        |
| 17          | Redlands .....         | Mesa .....          | Sept. 4, 1940  | 14,598       |
| 18          | Kiowa .....            | Elbert .....        | May 17, 1941   | 113,700      |
|             | Addition No. 1.....    | Elbert .....        | Dec. 5, 1941   | 16,000       |
|             | Addition No. 2.....    | Elbert .....        | Feb. 5, 1942   | 6,060        |
|             | Addition No. 3.....    | Elbert .....        | June 19, 1942  | 4,076        |
| 19          | Stonewall.....         | Las Animas.....     | June 11, 1941  | 317,850      |
| 20          | Pueblo .....           | Pueblo .....        | July 19, 1941  | 903,658      |
|             | Addition No. 1.....    | Pueblo .....        | Sept. 30, 1941 | 1,280        |
| 21          | Shavano .....          | Montrose.....       | Sept. 17, 1941 | 21,000       |
| 22          | Two Buttes.....        | Baca-Prowers.....   | Nov. 25, 1941  | 87,680       |
| 23          | Central Colorado.....  | El Paso-Pueblo..... | Dec. 31, 1941  | 202,300      |
|             | Addition No. 1.....    | El Paso-Pueblo..... | Apr. 4, 1942   | 37,432       |
| 24          | Uncompahgre .....      | Montrose.....       | Feb. 25, 1942  | 5,500        |
| 25          | Dolores .....          | Montezuma .....     | Apr. 11, 1942  | 212,784      |
| 26          | Upper Arkansas.....    | Chaffee .....       | Apr. 25, 1942  | 620,000      |
| 27          | Jefferson .....        | Jefferson.....      | May 23, 1942   | 157,000      |
| 28          | Teller-Park .....      | Teller-Park.....    | June 5, 1942   | 348,800      |
| 29          | Tabeguache .....       | Montrose.....       | June 12, 1942  | 100,000      |
| 30          | Purgatoire .....       | Las Animas.....     | Aug. 20, 1942  | 437,880      |
| 31          | Bent .....             | Bent .....          | Aug. 22, 1942  | 55,000       |
| Total ..... |                        |                     |                | 8,884,360    |



regional associations of each commodity, and handle the entire sales of the co-operative members.

The national sales organizations, like the local and statewide associations, are owned and controlled by the members. Each member has one vote in his local association, and each local has its representative share of control in the regional and national groups.

In Colorado many of the associations own or lease their own handling facilities, and are thus able to handle their members' products at actual cost.

Besides the co-operative marketing associations, Colorado farmers also own a number of co-operative purchasing concerns. Some of these are buying subsidiaries of the marketing associations, formed for the purpose of purchasing supplies required in the growing, processing or packaging of the crop. Others are purely purchasing organizations for handling oil, fertilizers, or other agricultural requirements.

The director of markets reports that there were 119 active co-operative marketing organizations functioning in the state as of June 30, 1941, with a membership in excess of 40,000. The gross receipts of the associations from the sale of the members' products are estimated at between \$30,000,000 and \$40,000,000 annually. In addition to the marketing co-operatives, there are a number of selling associations and consumer co-operatives.

An accompanying table gives the names of associations classified as to the commodities handled, and the names and addresses of the managers.

**FRUIT AND VEGETABLE INSPECTION**

Fruit and vegetable inspection in Colorado is a joint federal-state service carried on under a cooperative agreement between the state director of markets and the United States department of agriculture. The duties of the inspection service include standardization of grades, carload, truck-load and canning inspection and enforcement of the spray residue act. The service in Colorado is divided into carload receiving point inspection and carload shipping point inspection. Each activity is authorized to issue official certificates, based on the findings of inspectors. The certificates are used by all the different marketing agencies from producer to jobber. Colorado was the first state to adopt the joint service and more than 40 states now have similar arrangements. Small inspection fees

cover the cost of the service. The carlot receiving point inspection is conducted by the bureau of agricultural economics and is handled by a federal appointee. This service is used almost entirely by receivers of fruits and vegetables and by transportation companies.

In 1941 the legislature amended the standardization act to make it compulsory to inspect all commodities named in the act and require the proper branding of containers of all shipments of potatoes as to grade, size, etc.

Carlot and truck inspections for fiscal years ending June 30 were as follows:

| Year      | Carlot | Truck  | Total  |
|-----------|--------|--------|--------|
| 1932..... | 20,231 | 15,098 | 35,329 |
| 1933..... | 18,102 | 22,760 | 40,862 |
| 1934..... | 21,048 | 18,799 | 39,847 |
| 1935..... | 9,683  | 19,124 | 28,807 |
| 1936..... | 21,663 | 21,746 | 43,409 |
| 1937..... | 25,464 | 30,175 | 55,639 |
| 1938..... | 19,408 | 31,940 | 51,348 |
| 1939..... | 14,851 | 35,539 | 50,390 |
| 1940..... | 16,641 | 36,405 | 53,046 |
| 1941..... | 15,751 | 36,601 | 52,352 |

The inspections cover shipments by rail and truck in both interstate and intrastate business. In 1940-41 the volume inspected amounted to 990,394,920 pounds, of which 46 per cent was by rail and 54 per cent by truck. This compares with 1,025,570,046 pounds in the 1939-40 season and 873,877,674 pounds in 1937-38.

The volume of fruits and vegetables inspected, in pounds, in fiscal years ending June 30, was as follows:

| Year      | Rail        | Truck       |
|-----------|-------------|-------------|
| 1937..... | 809,483,000 | 227,703,789 |
| 1938..... | 592,777,000 | 281,100,674 |
| 1939..... | 430,438,000 | 348,777,667 |
| 1940..... | 490,736,000 | 422,138,962 |
| 1941..... | 455,560,874 | 534,834,046 |

A number of the larger canneries of the state use the inspection service to determine the quality of tomatoes received at their plants, their agreement with growers providing for stipulated prices based on grades. This is a voluntary service.

Pounds of tomatoes inspected in years ending June 30 are as follows:

| Year       | Pounds Inspected |
|------------|------------------|
| 1935.....  | 25,739,343       |
| 1936.....  | 12,882,809       |
| 1937.....  | 15,881,697       |
| 1938*..... | 17,745,951       |
| 1939*..... | 13,307,870       |
| 1940.....  | 13,833,494       |

\*Confined to the Arkansas valley.

**COLORADO CO-OPERATIVE MARKETING AND PURCHASING ASSOCIATIONS, WITH NAME AND ADDRESS OF MANAGER, AS OF JUNE 30, 1941**

(Source: Director of Markets)

| ASSOCIATION                                   | Manager                 | Address          |
|---|-------------------------|------------------|
| <b>NEW ASSOCIATIONS:</b>                      |                         |                  |
| Denver Milk Producers Assn. (now organizing)  | W. C. Moore             | Denver           |
| Milliken Early Potato Assn.                   | David Carlson           | Gilcrest         |
| Peetz Co-Op. Locker Assn.                     | L. K. Nelson            | Peetz            |
| Platteville Early Potato Assn.                | John L. East            | Platteville      |
| San Acacio Gas & Oil Co-Op.                   | C. E. Robinson          | San Acacio       |
| Springfield Co-Op. Warehouse                  | R. R. Robinson          | Springfield      |
| Wyoming Co-Op. Wool Marketing Assn.           | Leslie P. Miles         | Rawlins, Wyoming |
| <b>CO-OPERATIVE ELEVATOR:</b>                 |                         |                  |
| Amherst Farmers Co-Op. Elev. Co.              | M. E. Koontz            | Amherst          |
| Briggsdale Farmers Co-Op. Elev.               | W. G. Bauder            | Briggsdale       |
| Dailey Co-Operative Co.                       | Harry Bellamy           | Dailey           |
| Farmers Co-Op. Elevator Co.                   | J. C. Schuster          | Simla            |
| Farmers Co-Op. Elevator Co.                   | J. S. Thomas            | Fleming          |
| Farmers Union Co-Op. Elev. Co.                | J. S. Parker            | Wray             |
| Haxtun Farmers Elev. Co.                      | L. F. Yowell            | Haxtun           |
| Holyoke Farmers Co-Op. Assoc.                 | L. L. Yowell            | Holyoke          |
| Paoli Farmers Co-Op. Elev. Co.                | Verne Miller            | Paoli            |
| Peetz Farmers Co-Op. Co.                      | George Drescher         | Peetz            |
| Wiggins Farmers Co-Op. Elev. Co.              | Otis Etter              | Wiggins          |
| Willard Farmers Grain Co.                     | J. I. Lewis             | Willard          |
| Yuma Farmers Milling & Merc. Co.              | Geo. H. Ireland         | Yuma             |
| <b>TURKEY AND POULTRY:</b>                    |                         |                  |
| Colorado Poultry Assn.                        | Ross Wenger             | Grand Junction   |
| Columbine Turkey Growers, Inc.                | H. V. Clutter           | Englewood        |
| Crowley County Turkey Grs. Co-Op. Assn.       | Roy McConnel            | Crowley          |
| Holbrook Turkey Growers Assn.                 | Paul J. Hershey, Secy.  | Cheraw           |
| Holly Turkey Marketing Assn.                  | Mrs. Elva Klein         | Holly            |
| Kiowa County Turkey Producers Co-Op. Assn.    | F. Q. Fitzpatrick       | Eads             |
| Lincoln County Turkey Growers Co-Op.          | William Weber           | Hugo             |
| Rocky Mtn. Turkey Growers Co-Op. Assn.        | John H. Harms, Secy.    | Loveland         |
| San Juan Basin Turkey Producers Co-Op.        | Joe Perino, Secy.       | Allison          |
| Western Plains Turkey Growers, Inc.           | Merle Collins, Secy.    | Yuma             |
| Wiley Turkey Growers Assn.                    | J. C. Faschnacht, Secy. | Wiley            |
| <b>MILK, DAIRY AND CREAMERY:</b>              |                         |                  |
| Colorado Springs Producers, Inc.              | J. G. Curtis            | Colorado Springs |
| Eckert Pure Bred Sire Assn.                   | G. G. Williams          | Eckert           |
| Montezuma Creamery Assn.                      | T. D. Wolford           | Cortez           |
| Montrose Co-Op. Creamery Assn.                | Owen S. Hill, Jr.       | Montrose         |
| North Ford Creamery Assn.                     | Arthur Olson            | Hotchkiss        |
| Plateau Creamery Assn.                        | R. C. Scott             | Collbran         |
| Pueblo Dairy Exchange                         | A. L. Gilbert           | Pueblo           |
| Rye Co-Operative Creamery Assn.               | Gilbert G. Williams     | Rye              |
| Surface Creek Dairy Prod. Co-Op. Assn.        | Gilbert G. Williams     | Eckert           |
| Western Slope Co-Op. Creamery, Inc.           | Ross Wenger             | Grand Junction   |
| <b>WOOL MARKETING:</b>                        |                         |                  |
| Colorado-New Mexico Wool Marketing Assn.      | A. H. Long              | Durango          |
| Colorado Wool Marketing Assn.                 | L. W. Clough            | Denver           |
| <b>LIVESTOCK MARKETING:</b>                   |                         |                  |
| Farmers Union Livestock, Inc.                 | Fred T. Peterson        | Wray             |
| Mesa County Livestock Shipping Assn.          | E. A. Burch             | Fruita           |
| Peetz Farmers Livestock Shipping Assn.        | John Fehringer          | Peetz            |
| San Luis Valley Shipping Assn.                | A. G. Robertson         | Monte Vista      |
| Western Slope Livestock Shipping Assn.        | J. Fred Wilson          | Olathe           |
| <b>FRUIT AND VEGETABLE:</b>                   |                         |                  |
| Austin Fruit Association                      | Chas. Dixon             | Cory             |
| Colorado Co-Op. Lettuce Assn.                 | D. G. Thompkins, Secy.  | Buena Vista      |
| Colorado Cherry Producers, Inc.               | Reid Williams           | Loveland         |
| Colorado Japanese Vegetable Co-Op. Grs. Assn. | F. H. Uveda             | Brighton         |
| Colorado Potato Growers Exchange              | W. F. Heppe             | Denver           |
| <b>Affiliates:</b>                            |                         |                  |
| Carbondale Potato Growers Co-Op. Assn.        | Albert Cerise           | Carbondale       |
| Carmel Potato Growers Co-Op. Assn.            | C. L. Ullstrom          | La Jara          |
| Center Potato Growers Co-Op. Assn.            | W. O. Sauder            | Center           |
| Del Norte Potato Growers Co-Op. Assn.         | B. P. Sutherland        | Del Norte        |
| Delta Potato Growers Co-Op. Assn.             | King L. Banks           | Delta            |
| Fruita Potato Growers Co-Op. Assn.            | Wade Gore               | Fruita           |
| La Jara, Romeo Potato Grs. Co-Op. Assn.       | Jas. A. Mortenson       | La Jara          |
| Lucerne Potato Growers Co-Op. Assn.           | Elmer Salberg           | Lucerne          |
| Milliken Early Potato Assn.                   | David Carlson           | Gilcrest         |
| Monte Vista Potato Growers Co-Op. Assn.       | W. G. Johnson           | Monte Vista      |
| Montrose Potato Growers Co-Op. Assn.          | H. L. Musgrave          | Montrose         |
| Morgan County Potato Grs. Co-Op. Assn.        | C. A. Gray              | Brush            |
| Olathe Potato Growers Co-Op. Assn.            | Forrest Cooner          | Olathe           |
| Rocky Ford Onion Growers Co-Op. Assn.         | L. R. Russell           | Rocky Ford       |

**COLORADO CO-OPERATIVE MARKETING AND PURCHASING ASSOCIATIONS, WITH  
NAME AND ADDRESS OF MANAGER, AS OF JUNE 30, 1941—Continued**

| ASSOCIATION                                       | Manager                    | Address           |
|---|----------------------------|-------------------|
| <b>FRUIT AND VEGETABLES—Continued</b>             |                            |                   |
| Scottsbluff Non-Stock Co-Op. Potato Assn.....     | C. F. Hutchinson.....      | Scottsbluff, Neb. |
| Conejos County Vegetable Grs. Co-Op. Assn.....    | Merlin Manning.....        | La Jara           |
| Gilcrest Early Potato Assn.....                   | C. S. Bowser.....          | Gilcrest          |
| Loveland Cherry Growers Assn.....                 | Mary McLeod.....           | Loveland          |
| Mountain Fruit Company.....                       | A. L. Morris.....          | Cedaredge         |
| Mountain States Beet Marketing Assn.....          | H. E. Hogsett.....         | Greeley           |
| Northern Colorado Certified Seed Potato Assn..... | L. V. Toyne.....           | Greeley           |
| Pueblo Vegetables, Inc.....                       | W. J. Broadhead.....       | Pueblo            |
| Routt County Certified Potato Growers Assn.....   | .....                      | Steamboat Springs |
| Southern Colorado Beet Growers Assn.....          | O. H. Griffith.....        | Rocky Ford        |
| Union Fruit Company.....                          | Ray Bacon.....             | Paonia            |
| United Fruit Growers Assn.....                    | A. M. Echtenach.....       | Palisade          |
| Vegetable Producers Co-Op. Assn. of Colorado..... | Carl A. Anderson.....      | Denver            |
| Western Colorado Beet Growers Assn.....           | J. A. Weaver.....          | Grand Junction    |
| Western Colorado Producers Co-Op.....             | F. W. Powell.....          | Grand Junction    |
| <b>RABBIT:</b>                                    |                            |                   |
| American Angora Rabbit Breeders Co-Op.....        | C. W. Orr.....             | Palmer Lake       |
| <b>GRAIN AND BEAN SELLING:</b>                    |                            |                   |
| Farmers Grain & Bean Assn.....                    | M. H. Hasstedt.....        | Denver            |
| Briggsdale Farmers Co-Op. Elev. Co.....           | Fred G. Johnson.....       | Briggsdale        |
| Olathe Potato Growers Co-Op. Assn.....            | Forrest Cooper.....        | Olathe            |
| Montrose Potato Growers Co-Op. Assn.....          | H. L. Musgrave.....        | Montrose          |
| Western Colorado Prod. Co-Op.....                 | Fred Powell.....           | Grand Junction    |
| Valley Co-Operative Exchange.....                 | E. G. McDermott.....       | Hoehne            |
| San Juan Bean Growers, Inc.....                   | Willard Lovitt.....        | Dolores           |
| <b>CO-OPERATIVE OIL:</b>                          |                            |                   |
| Adams County Consumers Co-Op. Assn.....           | Bert Ranson.....           | Brighton          |
| Amherst Consumers Co-Op. Oil Co.....              | F. W. Nierman.....         | Amherst           |
| Arapahoe County Co-Op. Co.....                    | Vance Austin.....          | Englewood         |
| Boulder Consumers Co-Operative.....               | Earl C. Crocker.....       | Boulder           |
| Consumers Co-Op. Assn. of Denver.....             | Chas. Miller.....          | Denver            |
| Consumers Gas & Oil Co.....                       | Harry Pangborn.....        | Delta             |
| Consumers Gas and Supply Co.....                  | Geo. Greenbank.....        | Olathe            |
| Consumers Oil Co. of Roggen.....                  | F. W. Nichols.....         | Roggen            |
| Consumers Oil Co-Op., Inc.....                    | Fred Mason.....            | Greeley           |
| Co-Operative Oil Company.....                     | Eph. C. Johnson.....       | Paoli             |
| Eads Consumers Supply Co., Inc.....               | C. A. Lancaster.....       | Eads              |
| Equity Co-Operative Exchange.....                 | Walter G. Bauder.....      | Burlington        |
| Equity Co-Op. Oil Co.....                         | J. H. Liston.....          | Yuma              |
| Farmers Union Co-Op. Oil Co.....                  | B. H. Carter.....          | Manzanola         |
| Farmers Union Gas & Oil Co.....                   | J. C. Schuster.....        | Simla             |
| Farmers Union Gas & Oil Co.....                   | .....                      | Wiggins           |
| Haxtun Co-Operative Oil Co.....                   | Chas. W. Gale.....         | Haxtun            |
| Hereford Consumers Oil Co.....                    | Anton Zitek.....           | Hereford          |
| Mesa County Union Oil Co.....                     | C. R. Brown.....           | Grand Junction    |
| Mesa County Union Oil Co. (Branch).....           | C. R. Brown.....           | Fruitvale         |
| Mesa County Union Oil Co. (Branch).....           | C. R. Brown.....           | Palisade          |
| Mesa County Union Oil Co. (Branch).....           | C. R. Brown.....           | Fruita            |
| Montrose Consumers Oil Corp.....                  | C. E. Downtain.....        | Montrose          |
| Morgan County Union Oil Co.....                   | H. R. Hansen.....          | Brush             |
| Peetz Consumers Oil Co.....                       | L. K. Nelson.....          | Peetz             |
| Purchaser Co-Op. Oil Co.....                      | Theo. Larson.....          | Fort Morgan       |
| San Luis Consumers Gas & Oil Co.....              | R. E. Robb.....            | Alamosa           |
| San Luis Consumers Gas & Oil Co. (Branch).....    | R. E. Robb.....            | Center            |
| San Luis Consumers Gas & Oil Co. (Branch).....    | R. E. Robb.....            | Manassa           |
| San Luis Consumers Gas & Oil Co. (Branch).....    | R. E. Robb.....            | Monte Vista       |
| Springfield Co-Op. Sales Co.....                  | H. C. Murphy.....          | Springfield       |
| Wray Farmers Union Oil Co.....                    | O. L. Cuney.....           | Wray              |
| <b>CO-OPERATIVE SELLING:</b>                      |                            |                   |
| Ault Exchange Co.....                             | August Molander.....       | Ault              |
| The Bear River Valley Farmers Co-Op.....          | .....                      | Hayden            |
| Cheyenne Wells Co-Op. Merc. Co.....               | H. A. Mockelman.....       | Cheyenne Wells    |
| Eckley Farmers Merc. Co.....                      | W. C. Godsey.....          | Eckley            |
| Equity Co-Op. Exchange.....                       | H. L. Johnson.....         | Burlington        |
| Farmers Co-Operative Assn.....                    | Mrs. Stanley Ricketts..... | Fort Collins      |
| Farmers Co-Op. Supply Co.....                     | F. J. Boyack.....          | Arapahoe          |
| Farmers Union Exchange Co.....                    | T. A. Dierker.....         | Flagler           |
| Flagler Equity Co-Op. Co.....                     | J. A. Lipford.....         | Flagler           |
| Gill Farmers Co-Op. Produce Co.....               | M. A. Ware.....            | Gill              |
| Ordway Farmers Exchange.....                      | Fred Trainor.....          | Ordway            |
| San Juan Seed Growers Assn.....                   | .....                      | Allison           |
| Seibert Equity Co-Op. Assn.....                   | Lloyd H. Murphy.....       | Seibert           |
| Stratton Equity Co-Op. Exchange.....              | Dick Rose.....             | Stratton          |
| Yuma Farmers M & M Co-Op. Corp.....               | Geo. H. Ireland.....       | Yuma              |
| <b>CONSUMERS CO-OPERATIVE:</b>                    |                            |                   |
| Boulder Consumers Co-Op. Assn.....                | Earl C. Crockett.....      | Boulder           |
| Fruita Consumers Co-Op.....                       | Ross Wenger.....           | Fruita            |
| Grand Junction Consumers Co-Op. Assn.....         | Jackson Davis.....         | Grand Junction    |

**COMMERCIAL FEED CONTROL**

The Colorado feed law was enacted in 1929 to afford protection to manufacturers and purchasers of livestock feeding stuffs through a system of registration, inspection and analysis. The food inspection is carried on by a chemist and inspectors under the director of markets. The work consists mainly of inspecting stocks of feed dealers and feed mills, taking samples, making analyses of the products and assisting manufacturers in maintaining a high standard of commercial feeds. The director of markets issues tax stamps and tax tags certifying the products, and the fees are used to defray the cost of operation.

Sales of tax stamps and tax tags indicate the quantity of commercial feeding stuffs sold in the state. Sales thus indicated, by fiscal years ending June 30, are as follows:

| Year      | Tons    |
|-----------|---------|
| 1934..... | 108,520 |
| 1935..... | 120,568 |
| 1936..... | 139,098 |
| 1937..... | 142,355 |
| 1938..... | 155,716 |
| 1939..... | 128,849 |
| 1940..... | 151,214 |
| 1941..... | 151,082 |

The above figures represent only commercial feeds governed by the Colorado feeding stuffs law and do not include whole seeds, grains, sugar beet by-products and cane molasses.

The above includes cottonseed cake and meal as follows:

| Year      | Tons   |
|-----------|--------|
| 1935..... | 26,311 |
| 1936..... | 33,233 |
| 1937..... | 36,360 |
| 1938..... | 42,440 |
| 1939..... | 23,097 |
| 1940..... | 20,930 |
| 1941..... | 18,650 |

Soybean feeds shipped into Colorado in fiscal years are as follows:

| Year      | Tons   |
|-----------|--------|
| 1940..... | 10,950 |
| 1941..... | 14,800 |

**COLORADO EGG LAW**

The Colorado egg law, which also includes the licensing of poultry dealers, was enacted in 1933 and amended in 1935. Its administration is under the director of markets of the state division of agriculture. The primary purpose of the law is to prohibit the sale of eggs unfit for human consumption and prevent deception in the sale of eggs through the regulation and standardization of grading, classification and labeling. It requires the selling of eggs in carton with grade labeled.

Licenses issued in specified years are as follows:

| Year      | Producers | Retailers | Receivers | Wholesalers |
|-----------|-----------|-----------|-----------|-------------|
| 1937..... | 7,886     | 3,465     | 383       | 232         |
| 1938..... | 8,258     | 3,478     | 355       | 208         |
| 1939..... | 8,645     | 3,259     | 260       | 190         |
| 1940..... | 8,930     | 3,163     | 315       | 194         |
| 1941..... | 9,336     | 3,393     | 255       | 213         |

Eggs for canning and cold storage purposes are imported into Colorado in large quantities for later export purposes. In 1937 Denver was 13th among the larger cities of the country in the volume of eggs canned and frozen, the total being 26,920 cases or 1,346,000 pounds, which compares with 1,336,000 pounds for New York City in the same year.

Imported eggs stored in Denver warehouses in 1940, which could be withdrawn and sold to consumers only upon being properly labeled as to quality, amounted to 73,000 cases or 1,290,000 dozen.

The number of eggs (dozens) inspected and the number condemned as unfit for human consumption, in specified fiscal years, are as follows:

| Year      | Dozens    |           |
|-----------|-----------|-----------|
|           | Inspected | Condemned |
| 1937..... | 2,786,630 | 38,753    |
| 1938..... | 2,846,180 | 39,689    |
| 1939..... | 2,775,540 | 31,347    |
| 1940..... | 4,379,900 | 58,290    |
| 1941..... | 3,582,510 | 42,420    |

The law also provides for the licensing of all persons dealing in live poultry and the keeping of records of all transactions.

**TURKEY GRADING**

The federal-state turkey grading activity is a joint co-operative service of the state division of agriculture and the United States department of agriculture, which provides turkey growers and buyers an authorized grading service on dressed turkeys. The three grades used are U. S. prime, U. S. choice and U. S. commercial.

The graders are licensed by the federal department, grading certificates are issued upon each carload of turkeys handled and these certificates are accepted as prima facie evidence of the quality.

The quantity of turkeys graded, in pounds, by seasons, is as follows:

| Season       | Pounds    |
|--------------|-----------|
| 1932-33..... | 336,210   |
| 1933-34..... | 1,374,511 |
| 1934-35..... | 3,000,000 |
| 1935-36..... | 2,217,000 |
| 1936-37..... | 3,006,895 |
| 1937-38..... | 3,558,073 |
| 1938-39..... | 3,280,160 |
| 1939-40..... | 3,116,282 |
| 1940-41..... | 3,283,973 |

Government grading of turkeys equals about 65 per cent of total shipments, but co-operative associations and private shippers generally maintain the established federal-state standard grades. More than 90 per cent of the shipments by co-operatives and private concerns are put out as U. S. prime turkeys, while in the 1940-41 season 87.2 per cent of government graded came within that classification.

Total shipments for the state, including the several grades, and the government-graded are as follows:

| Season       | Pounds     |
|--------------|------------|
| 1939-40..... | 10,296,588 |
| 1940-41..... | 9,664,766  |

**4-H CLUB WORK IN COLORADO**

All rural boys and girls between the ages of 10 and 21 are eligible to join 4-H clubs and carry on specific project activities in crop and livestock production and home economics. The work is organized in each county of the state served by a county extension agent or home demonstration agent. Local voluntary farm men and women leaders assist the young people in studying subject-matter regarding agriculture and home economics and in conducting their project activities. Training also is given in leadership, community service, and good citizenship. The 4 H's stand for Head, Heart, Hand, and Health. The work is sponsored in Colorado by the Colorado state college extension service, and throughout the nation by the extension service of the United States department of agriculture.

Headquarters for Colorado are at Fort Collins. F. A. Anderson is director of the extension service. C. W. Ferguson is state club agent and Jeanne Warner assistant state club agent.

The enrollment in 4-H clubs in Colorado in 1939 was 10,108. Of that number 5,842 members re-enrolled in 1940, bringing total enrollment in the last named year up to 10,958. In 1940, 8,313 members or 75.9 per cent completed their course.

**AGRICULTURAL EXPERIMENT STATION**

The Colorado agricultural experiment station is located at the Colorado State college at Fort Collins, where it operates an experimental farm in cooperation with the college and from which point its activities in the state are directed. The station was organized on February 29, 1888, and in 1941 had 71 persons on its staff, including 44 teachers and 27 engaged in full-

time research. The station is under the supervision of the state board of agriculture and is operated on funds supplied jointly by the state and federal governments.

The experiment station operates four regular sub-stations and one in co-operation with the United States department of agriculture.

The San Luis Valley sub-station is located near Center, at an elevation of 7,650 feet, and is operated in co-operation with the Extension service. Since all crops are grown under conditions of sub-irrigation, the problems of this region are distinctly different from those of other parts of the state. The station was established in 1940 to study the problems confronting vegetable growers, chiefly the potato growers of this area. Experimental work is being carried on to establish and demonstrate the best types of cultural methods, fertilizers, varieties, rotations, storage, and general farming practices to produce larger yields of high quality potatoes. Trials on pod peas and other vegetables at the station are of general interest to the entire valley. The farm consists of 160 acres, 20 acres of which are annually devoted to experimental plots, the remainder under the management of the Extension service serving for the general phases of forage and livestock production and rotation for the potatoes.

Another sub-station is at Austin, in Delta county, at an elevation of 5,500 feet, where it has 30 acres, practically all of which is in fruit and vineyards. Here is cultivated every variety of fruit that can be grown in the state. It is a testing ground for new varieties, and here, also, experiments and demonstrations in orchard management, use of fertilizers and pruning, spraying, washing and packing of fruit are carried on.

The third sub-station is at Rocky Ford, in Otero county, where it demonstrates the type of farming for the Arkansas valley and similar regions. It is the oldest sub-station now in operation. The farm comprises 40 acres. Experimental work is carried on with particular reference to onions, cantaloupes and other vine crops, grapes, cherries and other small fruits which are especially adaptable to the valley.

Work at the Fort Lewis sub-station is conducted by the agronomy section of the Colorado Experiment station in co-operation with the Fort Lewis branch of the Colorado State college of agriculture and mechanic arts.

The Fort Lewis station is located in the San Juan basin, in the southwestern part of the state, about 5 miles south of Hesperus or 10 miles west and 4 miles south of Durango, at an altitude of 7,610 feet. The work of the station consists of varietal standardization, seed and plant selection, production and distribution of pure seed, forage investigations, and some plant breeding. The station also co-operates with the horticulture section in the production of elite seed of several strains and varieties of potatoes. The

aim is to produce potato seed free from bacterial ring rot.

The Akron station in Washington county is a joint operation of the home station at Fort Collins and the federal government. Methods of dry farming are demonstrated and tests made of various kinds of forage plants to show their value for dry farming areas.

An accompanying table shows the amounts and sources of revenues and summaries of disbursements for fiscal years ending June 30 for the experiment station, including the sub-stations.

**COLORADO AGRICULTURAL EXPERIMENT STATION: REVENUES AND EXPENDITURES BY FISCAL YEARS ENDING JUNE 30**  
(Source: Office of Experiment Stations)

|  | 1940                | 1939                | 1938                | 1937                | 1936                |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>REVENUES:</b>                                     |                     |                     |                     |                     |                     |
| Balance beginning of year.                           | \$ 14,050.06        | \$ 12,770.09        | \$ 25,798.99        | \$ 49,263.40        | \$ 37,679.80        |
| Federal funds:                                       |                     |                     |                     |                     |                     |
| Hatch fund.....                                      | 15,000.00           | 15,000.00           | 15,000.00           | 15,000.00           | 15,000.00           |
| Adams fund.....                                      | 15,000.00           | 15,000.00           | 15,000.00           | 15,000.00           | 15,000.00           |
| Purnell fund.....                                    | 60,000.00           | 60,000.00           | 60,000.00           | 60,000.00           | 60,000.00           |
| Bankhead-Jones fund....                              | 22,430.96           | 19,627.09           | 16,323.22           | 11,215.48           | 5,607.74            |
| State funds.....                                     | 87,903.82           | 85,811.58           | 79,222.37           | 81,177.78           | 95,883.51           |
| Special endowments, industrial fellowships, etc..... | 5,500.00            | 4,000.00            | .....               | .....               | .....               |
| Sales.....   | 61,033.98           | 31,809.70           | 39,781.35           | .....               | .....               |
| Fees.....  | .....               | .....               | .....               | .....               | 47,500.33           |
| Miscellaneous.....                                   | .....               | .....               | .....               | 48,241.98           | .....               |
| <b>Total revenues.....</b>                           | <b>\$280,918.82</b> | <b>\$244,018.46</b> | <b>\$251,625.93</b> | <b>\$279,898.64</b> | <b>\$276,671.38</b> |
| <b>DISBURSEMENTS:</b>                                |                     |                     |                     |                     |                     |
| Personal services.....                               | \$176,523.05        | \$172,647.54        | \$177,462.91        | \$181,696.46        | \$153,607.74        |
| Supplies and material.....                           | 20,621.38           | 12,583.73           | 9,438.23            | 15,704.23           | 14,109.36           |
| Communication service....                            | 1,637.46            | (1)                 | (1)                 | (1)                 | (1)                 |
| Travel.....  | 8,591.63            | 8,210.35            | 9,885.44            | 8,040.95            | 7,819.12            |
| Transportation of things...                          | 1,628.91            | 4,569.99            | 5,061.54            | 5,420.82            | 4,954.57            |
| Publications.....                                    | 3,529.60            | 3,526.84            | 3,327.35            | 2,492.36            | 3,940.05            |
| Heat, light, water, power and fuel.....              | 7,014.63            | 6,447.54            | 6,801.52            | 7,431.06            | 7,009.86            |
| Contingent expenses.....                             | 287.84              | 117.10              | 246.03              | 326.69              | 1,039.46            |
| Equipment.....                                       | 21,372.76           | 18,928.07           | 15,556.60           | 20,259.62           | 25,468.34           |
| Land.....  | 1,370.65            | 484.24              | 341.90              | .....               | .....               |
| Structure and non-structural improvements.....       | 5,240.43            | 2,453.00            | 10,734.32           | 12,727.46           | 9,459.48            |
| Balance end of year.....                             | 33,100.48           | 14,050.06           | 12,770.09           | 25,798.99           | 49,263.40           |
| <b>Total disbursements...</b>                        | <b>\$280,918.82</b> | <b>\$244,018.46</b> | <b>\$251,625.93</b> | <b>\$279,898.64</b> | <b>\$276,671.38</b> |

(1) Included with other items.

**AGRICULTURAL EXTENSION SERVICE**

The work of the Cooperative Extension service of the United States department of agriculture and the land-grant colleges is conducted in Colorado by the state College of Agriculture at Fort Collins under the provisions of the Smith-Lever, Capper-Ketcham, Bankhead-Jones and supplementary acts. It also co-ordinates the extension activities of the bureaus and offices of the department of agriculture with similar work carried on by

the land-grant colleges. The general purpose of the co-operative extension work is to promote the educational welfare of rural people by supplementing the work of the public schools and other educational agencies. This is done largely through extension instruction in agriculture and home economics, although cultural and civic activities may be included as related subjects. The service is financed with federal funds matched by state funds, and permits participation by counties, local governments, associations and in-

dividuals within the state. The joint extension service also co-operates with the Rural Electrification administration, the Farm Credit administration and other federal agencies directly concerned with agriculture.

The service is headed by a director with a central office force of specialists and representatives in various agricultural counties which are organized for extension work. The county representatives are known as extension agents. The work is carried on intensively only in such counties as make financial provision for its support, a part of which is met out of federal funds under the agricultural extension act.

An accompanying table shows the amounts and sources of funds expended by the service in Colorado for fiscal years 1938 to 1941, inclusive, distributed as to state and federal funds, and with information concerning the several acts under which the funds are appropriated. The activities of the 4-H clubs, conducted under the supervision of the extension service, are discussed in a separate section earlier in this chapter.

#### PERSONNEL OF EXTENSION SERVICE

##### Colorado State College Fort Collins, Colorado

|                    |   |
|--------------------|---|
| F. A. Anderson     | Director  |
| J. E. Morrison     | Assistant Director                                |
| Wm. F. Droge       | District Agent                                    |
| W. M. Case         | District Agent                                    |
| Geo. R. Henderson* | District Agent                                    |
| H. D. Finch        | District Agent                                    |
| T. G. Stewart      | District Agent                                    |
| C. W. Ferguson     | State Club Agent                                  |
| Jeanne Warner      | Asst. State Club Agent                            |
| Ruth McCammon*     | State Home Agent                                  |
| Helen Prout        | Acting State Home Agent                           |
| S. Avery Bice      | Administrative Assistant                          |
| Mary Sutherland    | Parent Education and Child Development Specialist |
| Exine Davenport    | Economist in Home Management                      |
| Martha J. Ulrich   | Clothing Specialist                               |
| Inez M. Eckblad    | Nutritionist                                      |
| A. J. Hamman       | Soil Conservationist                              |
| R. H. Tucker       | Agronomist  |
| R. P. Yates*       | Assistant Agronomist (Seed Certification)         |
| J. Lyle Robertson  | Assistant Agronomist (Seed Certification)         |
| F. E. Brown        | Specialist in Irrigation Practice                 |
| T. H. Summers      | Senior Agricultural Economist                     |
| A. C. Allen        | Animal Husbandman                                 |
| H. A. Sandhouse    | Dairyman  |
| O. C. Ufford       | Poultryman  |
| R. E. Ford         | Forester  |
| Chas. L. Terrell   | Assistant Forester                                |
| W. F. McGee        | Horticulturist                                    |
| Sam C. McCampbell  | Entomologist                                      |
| W. J. Henderson    | Plant Pathologist                                 |
| I. G. Kinghorn     | Editor  |
| Arthur Robinson    | Associate Editor                                  |
| J. H. McClelland   | Assistant Editor                                  |

\*On leave.

#### COUNTY EXTENSION AGENTS

| County                           | Headquarters      |
|----------------------------------|-------------------|
| Adams—C. G. Staver               | Brighton          |
| Alamosa—David Greenwald          | Alamosa           |
| Arapahoe—A. H. Tedmon            | Littleton         |
| Baca—Claude E. Gausman           | Springfield       |
| Bent—S. P. Ricketts              | Las Animas        |
| Boulder—M. C. Grandy             | Longmont          |
| Chaffee—H. R. Schmid             | Salida            |
| Conejos—V. D. Bailey             | La Jara           |
| Crowley—E. M. Gregory            | Ordway            |
| Delta—A. F. Hoffman, Jr.         | Delta             |
| Douglas—H. G. Smith              | Castle Rock       |
| Eagle—Dexter W. Lillie           | Eagle             |
| Elbert—David G. Rice, Jr.        | Simla             |
| El Paso—C. N. Vickers            | Colorado Springs  |
| Fremont, Custer—Charles McDaniel | Canon City        |
| Garfield—A. V. Lough             | Glenwood Springs  |
| Grand, Summit—H. V. McCullah     | Kremmling         |
| Gunnison                         | Gunnison          |
| Huerfano—P. B. Miles             | Walsenburg        |
| Jackson—A. G. Keithly            | Walden            |
| Jefferson—C. M. Drage            | Arvada            |
| Kiowa—T. R. Robb                 | Eads              |
| Kit Carson—R. O. Woodfin         | Burlington        |
| La Plata—Gordon T. Mickle        | Durango           |
| Larimer—D. L. McMillen           | Fort Collins      |
| Las Animas—A. M. Hale            | Trinidad          |
| Lincoln—Leo E. Oyler             | Hugo              |
| Logan—Sherman S. Hoar            | Sterling          |
| Mesa—C. G. Davis                 | Grand Junction    |
| Mesa (Assistant)—Albert M. Lane  | Grand Junction    |
| Moffat—Gordon C. Winn            | Craig             |
| Montezuma—Karl G. Parker         | Cortez            |
| Montrose (Acting)—Glen W. Yeager | Montrose          |
| Morgan—B. H. Trierweiler         | Fort Morgan       |
| Otero—C. A. Heskett              | Rocky Ford        |
| Park—R. C. Barthelmeh            | Fairplay          |
| Phillips—John P. Bee             | Holyoke           |
| Prowers—J. N. French             | Lamar             |
| Pueblo—M. V. Haines              | Pueblo            |
| Rio Blanco                       | Meeker            |
| Rio Grande—A. A. Goodman         | Monte Vista       |
| Routt—J. R. Sprengle             | Steamboat Springs |
| Saguache—S. H. Stolte            | Center            |
| Sedgwick—D. W. Acott             | Julesburg         |
| Washington—Jasper J. French      | Akron             |
| Weld—L. V. Toyne                 | Greeley           |
| Weld (Assistant)—H. F. Johnson   | Greeley           |
| Weld (Assistant)                 | Greeley           |
| Yuma—H. F. Alishouse             | Wray              |

#### HOME DEMONSTRATION AGENTS

| County                          | Headquarters      |
|---------------------------------|-------------------|
| Adams—Lois A. Lumb              | Brighton          |
| Alamosa—Mary Lee Miller         | Alamosa           |
| Arapahoe—Ruth I. Demmel         | Littleton         |
| Boulder—Agnes M. Hansen         | Longmont          |
| El Paso—Ruth Appelthun          | Colorado Springs  |
| Garfield                        | Glenwood Springs  |
| Jefferson—Mary Jane Davidson    | Arvada            |
| Larimer—Mrs. Carmen Johnson     | Fort Collins      |
| Logan—Edna L. Stack             | Sterling          |
| Mesa—Belle Forney               | Grand Junction    |
| Moffat—Allene Ohlsson           | Craig             |
| Pueblo—Mrs. Clara Anderson      | Pueblo            |
| Rio Grande—Edna L. Poyner       | Monte Vista       |
| Routt—Jean Knowles              | Steamboat Springs |
| Sedgwick—Gwendolyn Shultz       | Julesburg         |
| Weld—Thelma E. Bear             | Greeley           |
| Weld (Assistant)—Olivia Binford | Greeley           |
| Yuma—Audrey Sandstead           | Wray              |

**AGRICULTURAL EXTENSION SERVICE: FUNDS EXPENDED FOR EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS, STATE OF COLORADO, BY SOURCES FROM WHICH THEY WERE DERIVED, BY FISCAL YEARS ENDING JUNE 30**

(Source: U. S. Department of Agriculture)

Note—Expenditures, with a few minor exceptions, are the same as the amounts budgeted out of continuing appropriations.

| SOURCE OF FUNDS                                | 1941      | 1940      | 1939      | 1938      |
|--|-----------|-----------|-----------|-----------|
| <b>FUNDS FROM FEDERAL SOURCES:</b>             |           |           |           |           |
| Clarke-McNary (Forestry).....                  | \$ 1,620  | \$ 1,560  | \$ 900    | \$ 900    |
| Norris-Doxey (Forestry).....                   | 1,620     | 900       | ....      | ....      |
| Smith-Lever<br>Supplemental Smith-Lever }..... | 171,134   | 171,134   | 165,665   | 160,196   |
| Bankhead-Jones                                 |           |           |           |           |
| Capper-Ketcham .....                           | 24,774    | 24,774    | 24,774    | 24,775    |
| Additional Co-operative.....                   | .....     | .....     | 20,900    | 27,300    |
| Further Development.....                       | 15,430    | 15,430    | .....     | .....     |
| <b>FUNDS FROM WITHIN THE STATE:</b>            |           |           |           |           |
| State and College.....                         | 97,491    | 93,667    | 74,466    | 70,930    |
| County .....                                   | 69,612    | 69,495    | 68,017    | 67,302    |
| Totals .....                                   | \$381,681 | \$376,960 | \$354,722 | \$351,403 |

Clarke-McNary Act approved June 7, 1924, Section 5.

Norris-Doxey Act approved May 18, 1937.

Smith-Lever Act, approved May 8, 1914.

Supplemental Smith-Lever—Item contained in Agricultural Appropriation act.

Bankhead-Jones Act approved June 29, 1935.

Capper-Ketcham Act approved May 22, 1928.

Additional Co-operative—Item contained in Agricultural Appropriation act.

Further Development, act approved April 24, 1939.

## Manufacturing<sup>1</sup>

### Volume and Value of Output by Years, Summaries by Counties and Cities, Industries by Type, Detail Information of Individual Industries

THE first census of manufacturing in what is now the state of Colorado was taken in 1870 and covered operations in 1869. In that year there were 256 establishments, in which 876 persons, including firm members, salaried officers and employees and wage earners, were engaged. Salaries and wages paid amounted to \$528,221 and the value of products was \$2,852,820. From this beginning the industry showed a steady gain until the peak was reached in 1929, when the value of manufactured products reached \$302,388,847.

In census years subsequent to 1929 a number of changes were made by the census bureau in the classification of the industry. Among the classifications omitted from the schedules in later census years were steam and electric railroad repair shops, coffee and spice roasting and grinding, and manufactured heating and illuminating gas, all of which affected the Colorado totals. The figures for these years

have been revised in tables published herewith for the purpose of making them comparable. After these adjustments, the value of products in Colorado in 1929 was \$286,732,996. That year, however, remains the year of maximum output.

After making these adjustments, the value of products by census years and increases over previous census years are as follows:

<sup>1</sup>Data for 1939 as shown in this chapter do not necessarily depict conditions of 1942. Increases from 1939 to 1942 in steel manufacturing and fabrication, non-ferrous metal milling and smelting are of most significance. Decreases from 1939 to 1942 are most apparent in stone and clay products, chiefly brick manufacturing. Space in this volume does not permit analysis of the relative importance of each specific industry or of the relationship of manufacturing to agriculture, livestock and mineral production and to marketing. For some analysis of these factors see *Industrial Development of the Mountain States Region*, National Resources Planning Board, 1942.

| Year      | Value        | Per Cent Increase |
|-----------|--------------|-------------------|
| 1869..... | \$ 2,852,820 | .....             |
| 1879..... | 14,260,159   | 399.86            |
| 1889..... | 42,480,205   | 197.89            |
| 1899..... | 89,067,879   | 109.66            |
| 1904..... | 100,143,999  | 12.44             |
| 1909..... | 130,044,312  | 29.89             |
| 1914..... | 136,839,321  | 5.23              |
| 1919..... | 275,622,335  | 101.42            |
| 1921..... | 221,324,285  | -19.70            |
| 1923..... | 255,189,812  | 16.41             |
| 1925..... | 278,778,008  | 9.24              |
| 1927..... | 278,221,431  | -0.20             |
| 1929..... | 286,732,996  | 3.05              |
| 1931..... | 183,469,363  | -36.03            |
| 1933..... | 135,868,377  | -25.94            |
| 1935..... | 171,350,403  | 26.1              |
| 1937..... | 237,838,370  | 38.8              |
| 1939..... | 221,642,666  | -6.81             |

(—) Denotes decrease.

The manufacturing industry ranks first in comparison to agriculture and mining on the basis of value of products. That basis is not, however, a true measure of the relative importance of the industries, inasmuch as many of the products of agriculture and mining go into manufacturing. A much better measure of the actual value created by manufacturing processes is the "value added by manufacture." On that basis agriculture normally ranks ahead of manufacturing in Colorado, while the latter is ahead of mining. In 1935, however, manufacturing went ahead of agriculture on the basis of value added, taking first place in Colorado industry. The value of agricultural products that year was \$63,314,000 as against \$63,588,000 for the value added by manufacture of manufactured products. This narrow margin of difference between the two industries in 1935 was considerably broadened in 1937, when the value of all crops was \$75,411,000 as against \$92,103,000 for the value added to products by manufacture, a spread of \$16,692,000 in favor of manufactures. The same relative position was maintained in 1939. Thus manufacturing, measured on either base, becomes the largest of Colorado's industries.

Colorado ranked 36th among the states of the Union in the value of manufactured products in 1939. It occupied 35th place in 1935 and ranked 34th in 1937, 1933, 1929 and 1919.

There was an increase of 11 per cent in the value of the output of the factories in Colorado between 1919 and 1929, compared with 13.5 per cent for the United States during the same 10-year period. The year 1929 was the peak year for both the United States and Colorado. In 1939 Colorado factories showed a decrease of 22.7 per cent compared with 1929, and the United States had a decrease of 16.6 per cent. There was a decrease of 6.8 per cent in Colorado in 1939 as compared with

1937, and the United States as a whole showed a decrease of 6.4 per cent for the same comparative dates.

Another method of comparing Colorado manufacturing with the country as a whole is on a per capita basis. The per capita value of products in 1929 was \$295.49 for Colorado and \$573.79 for the United States. In 1939 it was \$197.31 per capita for Colorado and \$431.71 for the country as a whole.

The relative importance of the major industrial groups in Colorado is not fully disclosed by the census due to the combining of the figures for several groups into one in order to avoid the disclosure of information concerning the operation of individual enterprises. The manufacture of beet sugar, for example, is among the largest, but the value of the output of the 17 sugar factories is combined with 23 other plants engaged in the manufacture of food and kindred products. The value of the combined group's output was \$27,883,444, including sugar. Rubber and iron and steel products also rank high, but in order to avoid disclosure of individual operations they are grouped with the products of petroleum and coal, non-ferrous metals, leather and other groups, which combined have a value of \$57,532,517. Of the total value of \$221,642,666 for all products in 1939, the output of those not broken down into individual groups was \$102,199,771 or 46.1 per cent of the total.

The major groups in the state and the value of their output in 1939 in ranking order, for which separate figures are available, are as follows:

| Industry   | Value of Products |
|--|-------------------|
| Meat packing, wholesale.....   | \$33,005,533      |
| Food and kindred products....  | 27,883,444        |
| Newspapers, publishing and printing .....  | 8,842,812         |
| Bread and other bakery products (except biscuits, crackers and pretzels).....    | 8,422,889         |
| Flour and other grain mill products .....  | 6,916,494         |
| Creamery butter .....  | 6,627,153         |
| Petroleum refining .....   | 6,407,038         |
| Machinery (except electrical). Prepared feeds for animals and fowls .....        | 4,621,836         |
| Apparel and other finished products made from fabrics and similar materials..... | 4,202,078         |
| Stone, clay and glass products   | 3,600,233         |
| General commercial job printing .....  | 3,446,764         |
| Ice cream and ices.....  | 3,102,354         |
| Chemicals and allied products  | 2,774,369         |
| Malt liquors .....   | 2,771,073         |
| Fabricated structural steel and ornamental metal works                           | 2,562,313         |
| Non-alcoholic beverages ....   | 2,517,699         |
| Canned dried fruits and vegetables (including canned soups) .....                | 2,186,671         |
| Gray iron and semi-steel castings .....  | 2,057,699         |
|  | 2,027,421         |

In connection with the chapter on manufacturing there are published herewith the following tables and charts:

An historical summary of the industry from 1869 to 1939, inclusive.

Summaries of separate industries for 1939.

A chart showing the progress of manufacturing in Colorado by years.

A table on explosives manufactured and used in Colorado in 1940, 1939, 1938 and 1937.

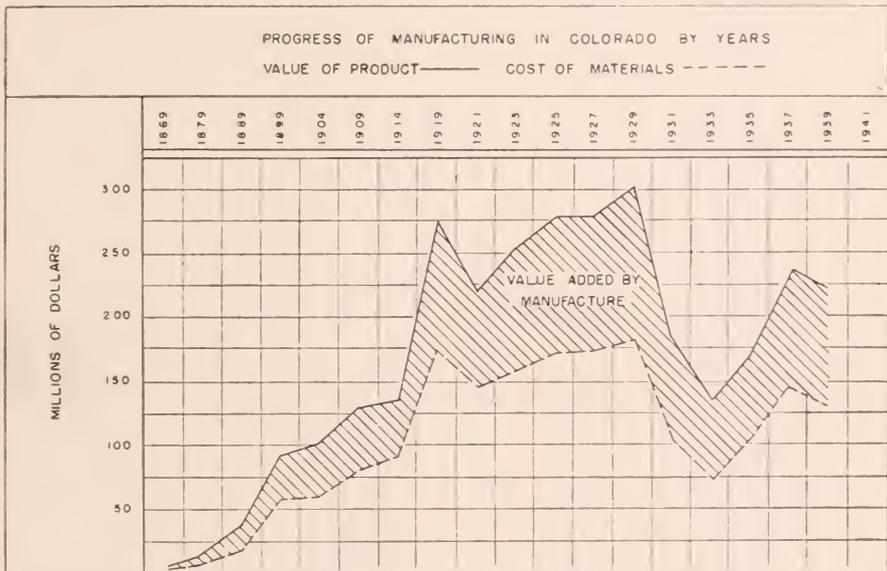
A summary of manufactures for cities having 10,000, or more, population by census years.

Summaries for counties for 1929, 1933, 1935, 1937 and 1939.

Summaries of cheese and butter manufactures by census years.

A summary of clay-products industries by census years.

Separate sections and summaries on meat packing, canning and preserving, cigar and tobacco manufactures, oleomargarine produced, beverages, industrial alcohol, the printing and publishing industry, bread and bakery products, lumber, timber and planing mill industries, and rubber manufactures.



**MANUFACTURES: SUMMARIES FOR CITIES HAVING 10,000 INHABITANTS OR MORE FOR 1939**

(Source: Bureau of the Census)

Note—See "Note" at head of table giving summaries by counties

| CITY                   | No. of Establishments | Wage Earners (Average Number) | Wages      | Cost of Materials | Value of Products |
|------------------------|-----------------------|-------------------------------|------------|-------------------|-------------------|
| Boulder .....          | 16                    | 125                           | \$ 135,457 | \$ 277,062        | \$ 697,041        |
| Colorado Springs ..... | 52                    | 379                           | 447,485    | 1,507,518         | 2,959,576         |
| Denver .....           | 620                   | 11,477                        | 13,435,820 | 59,036,069        | 107,715,060       |
| Fort Collins .....     | 14                    | 88                            | 88,302     | 406,376           | 724,471           |
| Grand Junction .....   | 19                    | 117                           | 132,085    | 462,430           | 917,314           |
| Greeley (1) .....      | 21                    | 162                           | (1)        | (1)               | (1)               |
| Pueblo (1) .....       | 57                    | 593                           | (1)        | (1)               | (1)               |
| Trinidad (1) .....     | 20                    | 115                           | 130,411    | 1,145,757         | 1,791,657         |

Note—The above statistics are for industries actually within the boundaries of the cities.

(1)Included under "Remainder of State" in order to avoid disclosures of individual operations.

**MANUFACTURING IN COLORADO: SUMMARY, CENSUS YEARS, 1869 TO 1939, INCLUSIVE**

(Source: Bureau of the Census)

Note—Data for the "Automobile Repairing" industry are included in the figures for 1919 and 1914, the only years for which this industry was canvassed in connection with the census of manufactures. The figures for 1919 and prior years cover all establishments, in all industries, with products valued at \$500 or more, whereas the corresponding limit for 1921 and subsequent years was \$5,000. "Coffee and spices, roasting and grinding," were not canvassed subsequent to 1929 and state totals for 1929 have been adjusted by deducting these items to make them comparable. The 1929 figures also have been adjusted to eliminate manufactured gas and railroad repair shops which were not included in 1935 and later years. Profits and losses cannot be calculated from census figures. Under "Persons Engaged" and "Salaries and Wages" are included proprietors and firm members down to and including 1923.

| Year      | Wage Earners          |                             |              | Total Persons Employed   |                    | Cost of Materials, Containers, Energy, etc. | Value of Products | Value Added by Manufacture |
|-----------|-----------------------|-----------------------------|--------------|--|--------------------|---|-------------------|----------------------------|
|           | No. of Establishments | Average Number for the Year | Wages Paid   | Number (Includes Wage Earners and Salaried Officers and Employees) | Salaries and Wages |   |                   |                            |
| 1869..... | 256                   | .....                       | .....        | 876  | \$ 528,221         | .....                                       | \$ 2,852,820      | \$ 1,259,540               |
| 1879..... | 599                   | .....                       | .....        | 5,074  | 2,314,427          | .....                                       | 14,260,159        | 5,453,397                  |
| 1889..... | 1,518                 | .....                       | .....        | 17,067   | 12,285,734         | .....                                       | 42,480,205        | 21,631,889                 |
| 1899..... | 1,323                 | .....                       | .....        | 22,768   | 13,767,000         | .....                                       | 89,067,879        | 28,317,000                 |
| 1904..... | 1,606                 | 19,498                      | \$11,707,566 | 25,888   | 18,649,000         | \$ 60,750,784                               | 100,143,999       | 37,030,000                 |
| 1909..... | 2,034                 | 21,813                      | 15,100,365   | 34,115   | 25,560,026         | 63,114,397                                  | 130,044,312       | 49,553,408                 |
| 1914..... | 2,126                 | 28,067                      | 19,912,342   | 33,715   | 26,576,617         | 80,490,804                                  | 136,839,321       | 47,083,019                 |
| 1919..... | 2,631                 | 27,278                      | 20,199,754   | 33,715   | 26,576,617         | 89,756,302                                  | 136,839,321       | 47,083,019                 |
| 1921..... | 1,491                 | 35,284                      | 42,974,879   | 44,729   | 56,020,854         | 174,870,275                                 | 275,622,335       | 100,752,060                |
| 1923..... | 1,377                 | 27,625                      | 38,611,463   | 34,396   | 50,090,546         | 147,248,631                                 | 221,324,285       | 74,075,654                 |
| 1925..... | 1,416                 | 31,226                      | 40,652,745   | 38,353   | 53,254,702         | 150,092,753                                 | 255,189,812       | 105,097,059                |
| 1927..... | 1,483                 | 32,001                      | 43,007,674   | (1)  | (1)                | 171,191,543                                 | 278,778,008       | 107,586,465                |
| 1929..... | 1,495                 | 28,003                      | 43,502,736   | (1)  | (1)                | 173,277,939                                 | 278,221,431       | 104,944,082                |
| 1931..... | 1,359                 | 24,788                      | 29,634,588   | 33,723   | 48,759,330         | 175,113,774                                 | 286,732,996       | 111,619,222                |
| 1933..... | 1,067                 | 21,287                      | 20,060,158   | (1)  | (1)                | 171,131,256                                 | 183,469,363       | 76,338,107                 |
| 1935..... | 1,160                 | 20,858                      | 21,530,164   | (1)  | (1)                | 74,331,511                                  | 135,868,377       | 61,536,866                 |
| 1937..... | 1,233                 | 25,932                      | 31,753,039   | 25,621   | 30,276,563         | 107,762,018                                 | 171,350,403       | 63,588,385                 |
| 1939..... | 1,298                 | 23,719                      | 28,391,933   | 31,129   | 42,052,535         | 145,735,123                                 | 237,838,370       | 92,103,247                 |
|           |                       |                             |              | -27,896  | 237,503,264        | 130,386,505                                 | 221,642,666       | 91,256,161                 |

(1) Officers and salaried employees were not included in state tables for these years.

Includes persons employed in manufacturing only. The census for 1939 included for the first time persons engaged in distribution, construction and other employees at the plant. The addition of these brings total number of persons employed up to 32,690 and salaries and wages to \$44,508,456.

MANUFACTURING IN COLORADO: SUMMARY BY INDUSTRIES, 1939

(Source: Bureau of the Census)

Note—This table gives separate figures for each industry for which it is possible to publish such figures without disclosing, exactly or approximately, data for individual establishments, and gives combined statistics for the remaining industries as a group ("Other industries"). Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. Included under this heading are beet sugar, steel and iron products, rubber products, cement and others of high ranking importance. Because they account for a negligible portion of the state's output, plants with annual production valued under \$5,000 have been excluded since 1919.

| INDUSTRY  | No. of Establishments | Wage Earners (Average for the Year)* | Wages†    | Cost of Materials, Containers, Fuel and Purchased Electric Energy‡ | Value of Products‡ |
|---|-----------------------|--------------------------------------|-----------|--|--------------------|
| Bookbinding and related industries----  | 7                     | 49                                   | \$ 40,390 | \$ 33,277  | \$ 153,099         |
| Bread and other bakery products (except biscuits, crackers and pretzels)-----   | 152                   | 1,439                                | 1,726,496 | 3,938,871  | 8,422,889          |
| Brick and hollow structural tile-----   | 28                    | 400                                  | 425,640   | 462,007  | 1,458,123          |
| Candy and other confectionery products -----  | 18                    | 246                                  | 183,232   | 649,226  | 1,374,027          |
| Canned and dried fruits and vegetables (including canned soups) -----   | 18                    | 510                                  | 266,350   | 1,100,189  | 2,057,699          |
| Canvas products (except bags)-----  | 4                     | 50                                   | 48,973    | 226,751  | 367,408            |
| Caskets, coffins, burial cases and other morticians' goods -----  | 8                     | 55                                   | 58,344    | 218,107  | 481,081            |
| Cheese -----  | 11                    | 28                                   | 27,697    | 385,825  | 513,218            |
| Clay refractories, including refractory cement (clay) -----   | 4                     | 220                                  | 271,479   | 313,518  | 898,023            |
| Cleaning and polishing preparations, blackings and dressings-----   | 4                     | 5                                    | 5,431     | 14,723   | 72,919             |
| Compressed and liquefied gases, not made in petroleum refineries or in natural gasoline plants-----                       | 6                     | 34                                   | 52,649    | 274,034  | 701,461            |
| Concrete products -----   | 11                    | 100                                  | 104,043   | 328,133  | 687,979            |
| Creamery butter -----   | 49                    | 310                                  | 289,152   | 5,192,349  | 6,627,153          |
| Dental equipment and supplies-----  | 4                     | 40                                   | 32,629    | 51,934   | 128,894            |
| Drugs and medicines (including drug grinding) -----   | 13                    | 59                                   | 60,018    | 360,291  | 803,855            |
| Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills ----- | 11                    | 225                                  | 286,485   | 1,594,055  | 2,517,699          |
| Flavoring extracts and flavoring sirups, not elsewhere classified-----  | 5                     | 8                                    | 8,571     | 89,684   | 132,591            |
| Food preparations, not elsewhere classified -----   | 17                    | 145                                  | 121,635   | 730,885  | 1,467,011          |
| Flour and other grain-mill products----   | 38                    | 424                                  | 511,619   | 5,235,756  | 6,916,494          |
| General commercial (job) printing---  | 79                    | 606                                  | 873,542   | 1,109,752  | 3,102,354          |
| Gray-iron and semi-steel castings-----  | 14                    | 414                                  | 516,016   | 962,269  | 2,027,421          |
| House furnishings (except curtains, draperies and bedspreads)-----  | 5                     | 122                                  | 85,371    | 312,247  | 688,994            |
| Household furniture except upholstered  | 3                     | 41                                   | 34,023    | 45,074   | 97,445             |
| Ice cream and ices-----   | 37                    | 168                                  | 163,662   | 1,591,467  | 2,774,369          |
| Ice manufactured -----  | 21                    | 141                                  | 182,328   | 180,631  | 1,050,621          |
| Insecticides, fungicides and related industrial and household chemical compounds -----                                    | 8                     | 11                                   | 7,518     | 102,186  | 229,192            |
| Jewelry (precious metals)-----  | 5                     | 44                                   | 42,518    | 59,419   | 150,832            |
| Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)-----                  | 5                     | 72                                   | 91,169    | 192,569  | 451,068            |
| Logging camps and logging contractors (not operating sawmills)-----   | 3                     | 17                                   | 11,500    | 7,694  | 30,313             |
| Lubricating oils and greases (not made in petroleum refineries)-----  | 6                     | 12                                   | 10,742    | 30,284   | 83,689             |
| Machine and hand typesetting (including advertisement typesetting)-----   | 5                     | 21                                   | 29,096    | 14,619   | 78,335             |
| Machine-shop products, not elsewhere classified -----   | 16                    | 102                                  | 124,875   | 215,004  | 521,062            |
| Machine-shop repairs -----  | 18                    | 76                                   | 86,724    | 96,248   | 325,662            |
| Malt liquors -----  | 4                     | 204                                  | \$16,162  | 977,890  | 2,562,313          |

## MANUFACTURING IN COLORADO: SUMMARY BY INDUSTRIES, 1939—Continued

(Source: Bureau of the Census)

| INDUSTRY   | No. of Establishments | Wage Earners (Average for the Year)* | Wages†       | Cost of Materials, Containers, Fuel and Purchased Electric Energy‡ | Value of Products‡ |
|--|-----------------------|--------------------------------------|--------------|--|--------------------|
| Mattresses and bedsprings .....  | 8                     | 135                                  | 128,803      | 376,337  | 705,677            |
| Meat packing, wholesale .....  | 26                    | 1,477                                | 1,898,010    | 27,397,382   | 33,005,533         |
| Mining machinery and equipment .....   | 5                     | 112                                  | 138,608      | 632,112  | 1,115,380          |
| Miscellaneous fabricated products not elsewhere classified .....   | 4                     | 38                                   | 28,309       | 98,464   | 177,329            |
| Monuments, tombstones, cut-stone, and stone products not elsewhere classified .....  | 10                    | 79                                   | 85,149       | 83,042   | 309,382            |
| Motor vehicles, motor-vehicle bodies, parts and accessories .....  | 8                     | 129                                  | 154,351      | 281,540  | 668,181            |
| Newspapers, publishing and printing .....  | 101                   | 912                                  | 1,357,877    | 2,746,603  | 8,842,812          |
| Newspapers, publishing without printing .....  | 4                     | (1)                                  | (1)          | 32,906   | 64,488             |
| Non-alcoholic beverages .....  | 41                    | 174                                  | 137,794      | 982,716  | 2,186,671          |
| Paints, varnishes and lacquers .....   | 5                     | 71                                   | 70,073       | 732,177  | 1,441,161          |
| Paperboard containers and boxes not elsewhere classified .....   | 7                     | 121                                  | 119,402      | 417,692  | 805,417            |
| Partition, shelving, cabinet work and office and store fixtures .....  | 7                     | 56                                   | 82,664       | 136,643  | 324,261            |
| Periodicals, publishing and printing .....   | 6                     | 94                                   | 132,284      | 138,419  | 499,013            |
| Periodicals, publishing without printing .....   | 14                    | (1)                                  | (1)          | 63,604   | 160,972            |
| Petroleum refining .....   | 7                     | 142                                  | 230,687      | 4,385,444  | 6,407,038          |
| Photograving, not done in printing establishments (including preparation of plates) .....                                  | 5                     | 42                                   | 93,191       | 49,129   | 246,188            |
| Pickled fruits and vegetable sauces and seasonings .....   | 7                     | 179                                  | 133,581      | 596,553  | 1,019,566          |
| Planing mills not operated in conjunction with sawmills .....  | 18                    | 216                                  | 256,403      | 411,112  | 867,419            |
| Poultry dressing and packing, wholesale .....  | 9                     | 30                                   | 12,336       | 277,554  | 338,625            |
| Prepared feeds (including mineral) for animals and fowls .....   | 38                    | 369                                  | 253,484      | 2,829,806  | 4,202,078          |
| Saddlery, harness and whips .....  | 6                     | 77                                   | 93,258       | 150,692  | 359,073            |
| Sawmills, veneer mills and cooperage-stock mills, including those combined with logging camps and with planing mills ..... | 76                    | 839                                  | 688,170      | 625,839  | 1,864,877          |
| Sheet metal work not specifically classified .....   | 5                     | 209                                  | 240,785      | 996,898  | 1,611,739          |
| Signs, advertising displays and advertising novelties .....  | 16                    | 118                                  | 174,968      | 180,619  | 869,484            |
| Sporting and athletic goods not elsewhere classified .....   | 6                     | 125                                  | 96,914       | 97,995   | 300,880            |
| Stamped and pressed metal products (except automobile stampings) .....   | 4                     | 58                                   | 71,526       | 85,783   | 274,942            |
| Surgical supplies and equipment not elsewhere classified; orthopedic appliances .....                                      | 3                     | 6                                    | 3,568        | 10,060   | 39,014             |
| Upholstered household furniture .....  | 4                     | 104                                  | 111,089      | 366,469  | 599,126            |
| Wooden boxes, except cigar boxes .....   | 3                     | 61                                   | 43,193       | 85,192   | 181,276            |
| Other industries .....   | 208                   | 11,341                               | 14,459,377   | 58,020,754   | 102,199,771        |
| All industries .....   | 1,298                 | 23,719                               | \$28,391,933 | \$130,386,505  | \$221,642,666      |

\*Not including salaried officers and employees. The item for wage earners is an average of the numbers reported for the several months of the year. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries.

†Profits or losses cannot be calculated from the census figures because no data are collected for certain items, such as interest, rent, depreciation, taxes, insurance and advertising.

‡The aggregate for cost of materials and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. For the United States as a whole, this duplication amounts to about one-third of the gross value of products.

(1) Included under "Other industries" in order to avoid disclosure of individual operations.

**MANUFACTURES: SUMMARIES FOR COUNTIES FOR 1939**

(Source: Bureau of the Census)

Note—Plants with annual production valued under \$5,000 are excluded. The statistics do not include data for "Gas, manufactured, illuminating and heating," nor for "Railroad repair shops." Data for earlier years are found in the 1937 year book.

| COUNTY        | No. of Establishments | Wage Earners (Average for Year)* | Wages†        | Cost of Materials Fuel and Purchased Electric Energy‡ | Value of Products‡ |
|---------------|-----------------------|----------------------------------|---------------|---|--------------------|
| Adams         | 22                    | 484                              | \$ 569,541    | \$ 8,169,727  | \$ 11,656,138      |
| Alamosa       | 9                     | 37                               | 44,735        | 331,162   | 505,676            |
| Arapahoe      | 16                    | 358                              | 556,175       | 683,565   | 1,752,822          |
| Archuleta     | 6                     | 47                               | 34,690        | 40,411  | 106,308            |
| Baca          | 1                     | (1)                              | (1)           | (1)   | (1)                |
| Bent          | 9                     | 78                               | (1)           | (1)   | (1)                |
| Boulder       | 32                    | 433                              | 448,643       | 2,217,332   | 3,763,989          |
| Chaffee       | 7                     | 43                               | (1)           | (1)   | (1)                |
| Cheyenne      | No Manufacturing      |                                  |               |   |                    |
| Clear Creek   | 5                     | 13                               | 10,368        | 19,153  | 47,605             |
| Conejos       | 7                     | 24                               | 17,972        | 154,835   | 255,896            |
| Costilla      | 1                     | (1)                              | (1)           | (1)   | (1)                |
| Crowley       | 5                     | 127                              | (1)           | (1)   | (1)                |
| Custer        | 1                     | (1)                              | (1)           | (1)   | (1)                |
| Delta         | 16                    | 181                              | 172,628       | 931,200   | 1,319,148          |
| Denver        | 620                   | 11,477                           | 13,435,820    | 59,036,069  | 107,715,060        |
| Dolores       | 3                     | 18                               | 7,380         | 6,500   | 23,580             |
| Douglas       | 6                     | 128                              | (1)           | (1)   | (1)                |
| Eagle         | 7                     | 31                               | 51,875        | 37,689  | 146,426            |
| Elbert        | No Manufacturing      |                                  |               |   |                    |
| El Paso       | 62                    | 421                              | 497,615       | 1,584,309   | 3,163,302          |
| Freemont      | 16                    | 189                              | 238,410       | 680,063   | 1,675,588          |
| Garfield      | 9                     | 36                               | 30,645        | 85,919  | 176,905            |
| Gilpin        | 2                     | (1)                              | (1)           | (1)   | (1)                |
| Grand         | 9                     | 53                               | 57,083        | 23,705  | 128,273            |
| Gunnison      | 4                     | 46                               | 41,372        | 53,013  | 161,117            |
| Hinsdale      | No Manufacturing      |                                  |               |   |                    |
| Huerfano      | 7                     | 29                               | 22,128        | 88,507  | 164,948            |
| Jackson       | 3                     | 96                               | (1)           | (1)   | (1)                |
| Jefferson     | 15                    | 378                              | 447,067       | 1,526,910   | 3,542,687          |
| Kiowa         | 1                     | (1)                              | (1)           | (1)   | (1)                |
| Kit Carson    | 1                     | (1)                              | (1)           | (1)   | (1)                |
| Lake          | 3                     | 198                              | (1)           | (1)   | (1)                |
| La Plata      | 21                    | 140                              | 108,720       | 553,055   | 932,401            |
| Larimer       | 47                    | 681                              | 714,140       | 3,887,322   | 6,911,092          |
| Las Animas    | 28                    | 205                              | 185,277       | 1,608,066   | 2,393,107          |
| Lincoln       | 2                     | (1)                              | (1)           | (1)   | (1)                |
| Logan         | 12                    | 181                              | 217,690       | 1,289,768   | 2,013,387          |
| Mesa          | 32                    | 266                              | 229,552       | 908,828   | 1,596,285          |
| Mineral       | 2                     | (1)                              | (1)           | (1)   | (1)                |
| Moffat        | 3                     | 43                               | (1)           | (1)   | (1)                |
| Montezuma     | 6                     | 254                              | 206,592       | 230,021   | 522,195            |
| Montrose      | 16                    | 68                               | 52,044        | 267,599   | 467,640            |
| Morgan        | 18                    | 230                              | 260,701       | 2,012,507   | 2,716,892          |
| Otero         | 27                    | 448                              | 418,994       | 2,433,135   | 3,532,481          |
| Ouray         | 2                     | (1)                              | (1)           | (1)   | (1)                |
| Park          | 5                     | 18                               | 12,048        | 2,742   | 20,113             |
| Phillips      | 3                     | 6                                | (1)           | (1)   | (1)                |
| Pitkin        | 1                     | (1)                              | (1)           | (1)   | (1)                |
| Prowers       | 16                    | 174                              | 123,926       | 731,810   | 1,142,215          |
| Pueblo        | 72                    | 5,019                            | 7,171,543     | 25,481,728  | 41,212,184         |
| Rio Blanco    | 4                     | 6                                | (1)           | (1)   | (1)                |
| Rio Grande    | 7                     | 53                               | 58,240        | 267,310   | 442,761            |
| Routt         | 9                     | 35                               | 32,124        | 51,298  | 128,100            |
| Saguache      | 3                     | 4                                | (1)           | (1)   | (1)                |
| San Juan      | 1                     | (1)                              | (1)           | (1)   | (1)                |
| San Miguel    | 1                     | (1)                              | (1)           | (1)   | (1)                |
| Sedgwick      | 3                     | 124                              | (1)           | (1)   | (1)                |
| Summit        | No Manufacturing      |                                  |               |   |                    |
| Teller        | 2                     | (1)                              | (1)           | (1)   | (1)                |
| Washington    | 2                     | (1)                              | (1)           | (1)   | (1)                |
| Weld          | 41                    | 761                              | 846,959       | 5,010,909   | 7,870,136          |
| Yuma          | 7                     | 14                               | 12,682        | 30,899  | 64,974             |
| Undistributed | 69                    | 915                              | 1,056,554     | 9,949,529   | 13,371,235         |
| Total state   | 21,298                | 223,719                          | \$ 28,391,933 | \$130,386,505   | \$221,642,666      |

\*Not including salaried officers and employees. The figure for wage earners is an average of the numbers reported for the several months of the year.

†Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items such as interest, rent, depreciation, taxes, insurance and advertising.

‡The aggregates for cost of materials and value of products include large amounts of duplication due to the use of the products of some industries as materials by others.

(1) Included in "all other" to avoid disclosing data for individual establishments. †The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sum of the figures in these two columns are therefore larger than the corresponding state totals.

## MEAT PACKING

Wholesale slaughtering and meat packing is one of the oldest of Colorado manufacturing industries and is the largest for which separate figures are given by the census bureau. The minimum value of the output of these plants in census years was \$3,324,000 in 1904 and the maximum was established in 1919, when the value of products amounted to \$41,007,531. Conditions arising out of the world war accounted primarily for the increased production in 1919, and post-war conditions resulted in a sharp decline in the years immediately following. The minimum value of products in the post-war period was reported in 1933, when the total dropped to \$16,021,345. This decline was credited to a surplus of livestock and consequent low prices. There followed the government's stock-purchasing campaign and drought conditions in large areas which resulted in increased prices, and in 1935 the packing industry showed a recovery, with the value of products for that year reaching \$31,673,264, a gain of \$15,651,919 or 97.7 per cent. There was a further recovery in 1937 to \$39,805,939, an increase of \$8,132,675 or 25.6 per cent, followed by a decrease of \$6,750,406 or 16.2 per cent in 1939.

The value of products by census years and per cent of increase is as follows:

| Year      | Amount       | % Increase |
|-----------|--------------|------------|
| 1899..... | \$ 4,344,000 | ...        |
| 1904..... | 3,324,000    | —23.5      |
| 1909..... | 9,657,000    | 190.5      |
| 1914..... | 12,726,000   | 31.8       |
| 1919..... | 41,007,531   | 222.2      |
| 1921..... | 22,494,615   | —45.1      |
| 1923..... | 23,290,903   | 3.5        |
| 1925..... | 30,399,379   | 30.5       |
| 1927..... | 30,538,016   | 0.5        |
| 1929..... | 36,719,567   | 20.2       |
| 1931..... | 23,760,495   | —35.3      |
| 1933..... | 16,021,345   | —32.6      |
| 1935..... | 31,673,264   | 97.7       |
| 1937..... | 39,805,939   | 25.6       |
| 1939..... | 33,055,533   | —16.2      |

(—) Denotes decrease.

The figures for the wholesale meat packing industry given above include plants that slaughter for the retail trade and also wholesale large quantities of meat. Establishments which slaughter exclusively for the retail trade are not included. Those engaged exclusively or principally in the manufacture of sausage, meat puddings, headcheese, etc., are not included, but are reported separately.

**Sausage, prepared meats, etc.**—The production of sausage, including canned sausage, meat puddings, and headcheese, in 1939 amounted to \$3,222,046. Of this total, 16,998,017

pounds, valued at \$2,698,887, consisted of fresh and dry sausage. The output in 1937 included 16,024,123 pounds of sausage, meat puddings, headcheese, etc., valued at \$2,685,287, and sausage casings valued at \$217,314. These compared with 12,410,857 pounds valued at \$1,938,511, and 895,345 pounds of sausage casings valued at \$113,809 in 1935.

**Poultry dressing and packing**—Nine establishments in Colorado were engaged primarily in the dressing, packing and canning of poultry, rabbits and other small game for the wholesale trade. The value of their product was \$338,625 in 1939.

The reports on the industry reflect to a large extent the conditions in the livestock industry of the state and region, and the value of its products indicates a wide distribution of money. The wholesale meat packing industry in 1939, exclusive of the sausage and poultry packing division, expended \$3,619,637 in salaries and wages and \$27,397,382 for materials, containers, power and fuel.

An accompanying table gives the number of establishments operating in the state, persons engaged, salaries and wages, value of products and other details by census years.

Another table gives the quantity and value of principal products of the industry in 1939, 1937, 1935, and 1929.

Another table gives the number of animals slaughtered, weight and cost, by kind, by census years.

## WAGE EARNERS IN PACKING PLANTS

The average number of wage earners employed in wholesale packing plants in Colorado in 1939 was 1,477, as reported by the census. The industry shows comparatively little change in seasonal variations, the minimum number being 1,431 in April and the maximum 1,526 in August. The average number employed in other census years likewise shows but slight variation. In 1929 the average for the state was 1,497, only 20 more than was reported in the census taken 10 years later. Between 1914 and 1929 there was, however, a pronounced increase in the average, although the seasonal changes showed no marked difference. The average number of wage earners in 1914 was 777 as against 1,497 in 1929 and 1,477 in 1939. Between 1914 and 1909 there was only a difference of 49 in the average, there being 659 in the last named year.

**MANUFACTURES: MEAT PACKING, ANIMALS SLAUGHTERED FOR OWN ACCOUNT—NUMBER, WEIGHT AND COST, BY KIND, 1939, 1937, 1935, 1931, 1929 AND 1927, FOR COLORADO**

(Source: Bureau of the Census)

|                         | Number  | Weight on Hoof (Lbs.) | Weight Dressed (Lbs.) | Cost on Hoof |
|-------------------------|---------|-----------------------|-----------------------|--------------|
| <b>Cattle:</b>          |         |                       |                       |              |
| 1927.....               | 141,336 | 127,555,498           | 66,758,764            | (1)          |
| 1929.....               | 145,415 | 129,173,874           | 67,332,923            | (1)          |
| 1931.....               | 144,891 | 120,872,462           | 63,673,176            | \$ 6,887,685 |
| 1935.....               | 183,170 | 160,860,636           | 84,598,013            | 9,500,550    |
| 1937.....               | 238,284 | 206,625,142           | 107,171,204           | 13,478,903   |
| 1939.....               | 204,359 | 178,627,395           | 97,010,130            | 11,996,617   |
| <b>Calves:</b>          |         |                       |                       |              |
| 1927.....               | 29,883  | 7,246,263             | 4,698,573             | (1)          |
| 1929.....               | 29,567  | 7,089,615             | 4,029,264             | (1)          |
| 1931.....               | 28,935  | 6,592,868             | 4,008,479             | 477,192      |
| 1935.....               | 48,532  | 12,219,588            | 7,468,327             | 737,710      |
| 1937.....               | 55,253  | 15,032,791            | 8,899,920             | 1,009,348    |
| 1939.....               | 36,886  | 10,749,643            | 6,544,573             | 840,797      |
| <b>Sheep and lambs:</b> |         |                       |                       |              |
| 1927.....               | 205,900 | 18,049,992            | 8,652,732             | (1)          |
| 1929.....               | 228,159 | 19,777,943            | 9,361,060             | (1)          |
| 1931.....               | 302,785 | 25,114,404            | 11,831,247            | 1,564,284    |
| 1935.....               | 259,277 | 22,673,296            | 10,813,620            | 1,534,115    |
| 1937.....               | 428,787 | 37,358,324            | 17,775,500            | 3,361,890    |
| 1939.....               | 393,103 | 34,800,024            | 16,805,058            | 2,779,172    |
| <b>Hogs:</b>            |         |                       |                       |              |
| 1927.....               | 450,734 | 111,087,071           | 81,713,376            | (1)          |
| 1929.....               | 511,060 | 123,731,640           | 88,635,333            | (1)          |
| 1931.....               | 515,821 | 116,921,800           | 84,016,045            | 7,507,636    |
| 1935.....               | 310,709 | 70,791,159            | 50,664,956            | 5,836,003    |
| 1937.....               | 428,990 | 95,330,258            | 69,577,058            | 9,487,262    |
| 1939.....               | 367,506 | 87,365,059            | 62,366,346            | 5,801,699    |

(1) Not reported.

**MANUFACTURES: MEAT PACKING (WHOLESALE) IN COLORADO, BY CENSUS YEARS**

(Source: Bureau of the Census)

Note—This industry classification covers establishments engaged in wholesale slaughtering and meat packing. Plants which slaughter for the retail trade but also wholesale considerable quantities of meat are included, and reports made by such establishments generally cover both branches of their operations. Establishments slaughtering for the retail trade only are not included.

|   | 1939         | 1937         | 1935         | 1933         | 1929         |
|---|--------------|--------------|--------------|--------------|--------------|
| Number of establishments.....                       | 26           | 19           | 19           | 20           | 25           |
| Persons engaged:†                                   |              |              |              |              |              |
| Salaried officers and employees.....                | 369          | 546          | 450          | 295          | 407          |
| Wage earners (average number).....                  | 1,987        | 1,934        | 1,677        | 1,434        | 1,497        |
| Total*.....   | 2,356        | 2,480        | 2,127        | 1,729        | 1,904        |
| Salaries and wages:‡                                |              |              |              |              |              |
| Salaries.....                                       | \$ 831,614   | \$ 1,079,532 | \$ 836,989   | \$ 496,000   | \$ 839,167   |
| Wages.....  | 2,782,023    | 2,596,245    | 1,898,339    | 1,256,270    | 1,832,894    |
| Total*‡.....  | \$ 3,613,637 | \$ 3,675,777 | \$ 2,735,328 | \$ 1,752,270 | \$ 2,672,061 |
| Cost of materials, containers, fuel and energy..... | \$27,397,382 | \$34,110,961 | \$26,865,344 | \$13,160,861 | \$31,765,422 |
| Value by products.....                              | 33,005,533   | 39,805,939   | 31,673,264   | 16,021,345   | 36,719,567   |
| Value added by manufacture.....                     | +5,608,151   | 5,694,978    | 4,807,920    | 2,860,484    | 4,954,145    |

\*Exclusive of proprietors and firm members.

†This figure does not represent profits, since overhead charges are not included

‡Does not include salaried officers of central administrative offices.

**MANUFACTURES: MEAT PACKING (WHOLESALE), QUANTITY AND VALUE  
OF PRINCIPAL PRODUCTS, COLORADO, 1939, 1937, 1935 AND 1929**

(Source: Bureau of the Census)

| PRODUCT   | 1939         | 1937         | 1935         | 1929         |
|---|--------------|--------------|--------------|--------------|
| Fresh beef:   |              |              |              |              |
| Pounds .....  | 91,328,927   | 99,233,539   | 75,925,875   | 61,339,229   |
| Value .....   | \$11,848,358 | \$12,193,916 | \$ 9,102,560 | \$10,666,267 |
| Fresh veal:   |              |              |              |              |
| Pounds .....  | 5,958,915    | 7,380,529    | 6,283,074    | 3,911,274    |
| Value .....   | \$ 896,564   | \$ 948,001   | \$ 728,062   | \$ 753,259   |
| Fresh mutton and lamb:  |              |              |              |              |
| Pounds .....  | 16,355,527   | 17,112,210   | 10,293,659   | 8,978,126    |
| Value .....   | \$ 2,391,410 | \$ 2,648,935 | \$ 1,363,528 | \$ 1,956,944 |
| Fresh pork:   |              |              |              |              |
| Pounds .....  | 29,848,179   | 22,207,344   | 15,940,137   | 30,474,167   |
| Value .....   | \$ 3,528,027 | \$ 3,656,531 | \$ 2,566,167 | \$ 5,071,999 |
| Edible organs (liver, heart, brains,<br>tongue, tripe, etc.): |              |              |              |              |
| Pounds .....  | 10,692,064   | (1)          | (1)          | (1)          |
| Value .....   | \$ 748,158   | (1)          | (1)          | (1)          |
| Beef, pickled and other cured:                                |              |              |              |              |
| Pounds .....  | 200,463      | 435,936      | (1)          | (1)          |
| Value .....   | \$ 60,345    | \$ 103,971   | (1)          | (1)          |
| Pork, pickled and dry-cured, smoked:                          |              |              |              |              |
| Pounds .....  | 23,981,761   | 22,748,033   | 24,570,044   | 33,650,094   |
| Value .....   | \$ 4,482,173 | \$ 5,569,295 | \$ 5,457,765 | \$ 7,232,122 |
| Pork, pickled and dry-cured, not<br>smoked:                   |              |              |              |              |
| Pounds .....  | 2,551,552    | 5,806,677    | (1)          | (1)          |
| Value .....   | \$ 342,209   | \$ 913,964   | (1)          | (1)          |
| Pork, dry-salted, smoked:                                     |              |              |              |              |
| Pounds .....  | (1)          | 659,358      | (1)          | (1)          |
| Value .....   | (1)          | \$ 114,287   | (1)          | (1)          |
| Pork, dry salted, not smoked:                                 |              |              |              |              |
| Pounds .....  | 4,083,530    | (1)          | (1)          | (1)          |
| Value .....   | \$ 364,905   | (1)          | (1)          | (1)          |
| Cooked ham:   |              |              |              |              |
| Pounds .....  | 1,754,239    | 1,742,278    | 1,301,716    | 1,975,986    |
| Value .....   | \$ 516,642   | \$ 602,346   | \$ 444,526   | \$ 763,304   |
| Sausage, head cheese, etc.:                                   |              |              |              |              |
| Pounds .....  | 11,955,270   | (1)          | .....        | 13,178,510   |
| Value .....   | \$ 1,772,747 | (1)          | .....        | \$ 2,518,610 |
| Lard:   |              |              |              |              |
| Pounds .....  | 14,225,803   | 12,242,121   | 12,279,311   | 21,493,301   |
| Value .....   | \$ 1,938,869 | \$ 1,653,766 | \$ 1,869,223 | \$ 2,948,091 |
| Cattle hides and calf skins:                                  |              |              |              |              |
| Pounds .....  | 10,662,612   | 11,685,857   | 9,801,520    | 8,125,547    |
| Value .....   | \$ 1,043,107 | \$ 1,380,808 | \$ 828,382   | \$ 1,097,561 |
| Sheep and lamb pelts:   |              |              |              |              |
| Pounds .....  | (1)          | 427,930      | 267,564      | 227,576      |
| Value .....   | (1)          | \$ 804,218   | \$ 294,268   | \$ 441,271   |

(1) Not reported separately.

**BREAD AND OTHER BAKERY  
PRODUCTS**

The baking of bread and other bakery products ranks third in the value of output among Colorado manufactures for which separate figures are reported by the census bureau. The industry under this classification includes establishments engaged primarily in baking bread, biscuits, crackers, cakes, doughnuts, pastry, etc. The minimum output of the factories in value of products in census years from 1909 to 1935, inclusive, was \$3,969,000 in 1909 and the maximum was estab-

lished in 1927, when the value was \$12,994,347. The value of products varies considerably according to the cost of materials, market conditions and other factors, but the output of white bread, whole-wheat and rye bread, rolls, coffee cake and other varieties of yeast-raised products in quantity is fairly stable from year to year. The greatest changes occur in the output of cakes, cookies, pies, pastry and similar products.

The value of products of the industry for Colorado by census years is as follows:

| Year | Value Products | % Increase |
|------|----------------|------------|
| 1909 | \$ 3,969,000   | .....      |
| 1914 | 4,785,000      | 20.56      |
| 1919 | 9,807,799      | 104.97     |
| 1921 | 9,309,156      | -5.08      |
| 1923 | 8,577,077      | -7.86      |
| 1925 | 10,157,121     | 18.42      |
| 1927 | 12,994,347     | 27.93      |
| 1929 | 11,773,612     | -9.39      |
| 1931 | 9,453,289      | -19.71     |
| 1933 | 7,187,762      | -23.97     |
| 1935 | 9,183,363      | 27.76      |
| 1937 | 11,844,068     | 28.97      |
| 1939 | 8,422,889      | -28.88     |

(—) Denotes decrease.

A table published herewith gives the number of establishments, average number of wage earners, wages, cost of materials, value of products and other details by specified census years. Another table shows the quantity and value of products, by kind, for 1939 and 1937.

The industry consumed in Colorado in 1939 a total of 383,958 barrels of materials valued at \$1,555,631, of which wheat flour accounted for 372,556 bbls. valued at \$1,488,347.

**MANUFACTURES: BREAD AND OTHER BAKERY PRODUCTS MANUFACTURED IN COLORADO, BY CENSUS YEARS**

(Source: Bureau of the Census)

Note—Data for establishments with products under \$5,000 in value are not included.

|   | 1939         | 1937         | 1935         | 1933         | 1929         |
|---|--------------|--------------|--------------|--------------|--------------|
| Number of establishments.                                   | 152          | 155          | 162          | 136          | 180          |
| Salaried officers and employees*                            | 146          | 200          | 222          | 136          | 178          |
| Wage earners (average for the year)                         | 1,675        | 1,915        | 1,678        | 1,485        | 1,689        |
| Salaries*   | \$ 293,392   | \$ 416,057   | \$ 389,982   | \$ 186,000   | \$ 418,117   |
| Wages   | 1,920,533    | 2,157,157    | 1,721,549    | 1,429,173    | 2,005,840    |
| Total   | \$ 2,213,925 | \$ 2,573,214 | \$ 2,111,531 | \$ 1,615,173 | \$ 2,423,957 |
| Cost of materials, supplies, containers, fuel, energy, etc. | \$ 3,938,871 | \$ 5,963,572 | \$ 5,101,103 | \$ 3,319,528 | \$ 5,648,904 |
| Value of products   | 8,422,889    | 11,844,068   | 9,183,363    | 7,187,762    | 11,773,612   |
| Value added by manufacture                                  | 4,484,018    | 5,880,496    | 4,082,260    | 3,868,234    | 6,124,708    |

\*Exclusive of salaried officers of central administrative offices.

**MANUFACTURES: BREAD AND OTHER BAKERY PRODUCTS MADE IN COLORADO, 1937 AND 1939**

(Source: Bureau of the Census)

|   | 1939       |              | 1937       |              |
|---|------------|--------------|------------|--------------|
|   | Pounds     | Value        | Pounds     | Value        |
| White pan bread   | 54,793,633 | \$ 3,370,207 | 51,235,797 | \$ 3,430,267 |
| Whole-wheat, rye and hearth breads                          | 19,715,060 | 1,233,124    | 20,743,651 | 1,413,760    |
| Variety or specialty breads, rolls and coffee cakes         | 12,053,266 | 1,319,785    | 9,780,268  | 1,072,751    |
| Crackers, biscuits, sweet goods, machine-made cookies, etc. | (1)        | (1)          | (1)        | (1)          |
| Soft cakes (pound, layer, package and fruit)                | 4,631,412  | 865,024      | 3,591,014  | 806,160      |
| Cookies, hand-made  | 628,539    | 107,004      | 1,239,965  | 163,597      |
| Doughnuts, crullers and other fried cakes                   | 2,784,779  | 470,308      | 2,194,173  | 380,335      |
| Cakes, cookies, doughnuts, etc., not reported by kind       |            |              |            | 734,303      |
| Pies  |            | 552,316      |            | 529,637      |
| Pastry, cream puffs, etc.                                   |            | (1)          |            | (1)          |
| Bakery and other products not reported in detail            |            | 274,989      |            |              |
| Other products  |            | 27,935       |            | 23,449       |
| Total products reported by kind                             |            | \$ 8,220,692 |            | \$ 8,554,259 |
| Aggregate, all products                                     |            | \$11,316,844 |            | \$11,844,068 |

(1) Not reported separately to avoid disclosure of individual operation, but included under "other products."

## CANNING AND PRESERVING

The canning and preserving of fruits and vegetables, pickles, jellies, sauces and preserves is one of Colorado's important manufacturing industries, and the output of the factories in the state ranks high in quantity and value for certain lines of products. The value of the product of these factories varies considerably in census years and ranges from a minimum of \$1,471,254 in 1921 to a maximum of \$5,322,062 in 1929. These variations are due in a large measure to fluctuations in commodity prices and crop conditions as reflecting seasons of abundant crops and low prices and lean seasons with high prices. The industry here discussed does not include meat canning and other products of the meat packing industry, the manufacture of condensed and evaporated milk nor the drying and packing of fruit on the farms.

The value of the products of the canning and preserving industry in Colorado by census years is as follows:

| Year | Value Products | % Increase |
|------|----------------|------------|
| 1909 | \$1,528,000    | ....       |
| 1914 | 1,798,000      | 17.7       |
| 1919 | 3,190,048      | 77.4       |
| 1921 | 1,471,254      | -53.9      |
| 1923 | 1,733,619      | 17.8       |
| 1925 | 4,317,757      | 149.1      |
| 1927 | 3,487,252      | -19.2      |
| 1929 | 5,322,062      | 52.6       |
| 1931 | 3,547,090      | -33.4      |
| 1933 | 2,347,000      | -33.8      |
| 1935 | 3,682,765      | 56.9       |
| 1937 | 4,922,537      | 33.6       |
| 1939 | 2,057,699      | -58.0      |

(-) Decrease.

Closely allied to the canning and preserving industry, but reported upon separately, are food preparations such

as pickled fruits and vegetables, relishes, vegetable sauces and vegetable seasonings. In 1939 there were seven of these establishments in the state employing 214 persons, with salaries and wages amounting to \$183,976 and products valued at \$1,019,566.

The climate of certain areas of Colorado is especially adapted to the raising of vegetables and fruits suitable for canning purposes. The state ranks high among the states of the Union in certain of these products. The following table gives Colorado's rank among the states in quantity and value of specified products for which information is available for 1939, 1937, 1935 and 1929. A number of products which rank equally high are not reported upon separately in order to avoid giving information concerning individual operations:

|                 | Rank Among States |      |      |      |
|-----------------|-------------------|------|------|------|
|                 | 1939              | 1937 | 1935 | 1929 |
| Green beans     | 12                | 11   | 8    | 4    |
| Wax beans       | 5                 | ..   | 5    | 4    |
| Beets           | ..                | ..   | ..   | 7    |
| Tomatoes        | 12                | 16   | 15   | 12   |
| Cherries (sour) | ..                | 5    | 6    | 4    |
| Ketchup         | 10                | 10   | 8    | 10   |
| Preserves       | ..                | 14   | 11   | 14   |
| Kraut           | 13                | 13   | 6    | ..   |
| Pickles         | 16                | 14   | 21   | ..   |
| Salad dressings | ..                | 14   | 9    | ..   |
| Mayonnaise      | 16                | ..   | 15   | ..   |
| Tomato juice    | 9                 | 10   | ..   | ..   |

An accompanying table gives the number of establishments in Colorado engaged in the canning of fruits and vegetables and allied products in 1939 and other census years, with the number of salaried officers and employees, wage earners, salaries and wages, cost of materials and value of products. Another table gives the quantity production and value of certain specified products in 1939, 1935 and 1929.

### COLORADO MANUFACTURES: CANNING AND PRESERVING OF FRUITS AND VEGETABLES, BY CENSUS YEARS

(Source: Bureau of the Census)

Note—This industry does not include the canning of meats and other products by establishments engaged in meat packing; the manufacture of condensed and evaporated milk, sweetening sirups and peanut butter; nor the drying and packing of fruits on farms.

|   | 1939        | 1937        | 1935        | 1933        | 1929        |
|---|-------------|-------------|-------------|-------------|-------------|
| Number of establishments  | 18          | 27          | 24          | 18          | 26          |
| Persons engaged:  |             |             |             |             |             |
| Salaried officers, employees*   | 59          | 80          | 95          | 40          | 78          |
| Wage earners (av. number)†  | 510         | 957         | 948         | 644         | 826         |
| Total   | 569         | 1,037       | 1,043       | 684         | 904         |
| Salaries and wages:*  |             |             |             |             |             |
| Salaries  | \$ 86,827   | \$ 134,123  | \$ 186,948  | \$ 65,000   | \$ 253,480  |
| Wages   | 266,350     | 658,515     | 494,279     | 222,000     | 599,578     |
| Total   | \$ 353,177  | \$ 792,638  | \$ 681,227  | \$ 287,000  | \$ 853,058  |
| Cost of materials, supplies, containers, fuel and purchased electric energy | \$1,100,189 | \$3,111,731 | \$2,213,480 | \$1,287,000 | \$3,292,867 |
| Value of products   | 2,057,699   | 4,922,537   | 3,682,765   | 2,347,000   | 5,322,062   |
| Value added by manufacture  | 957,510     | 1,810,806   | 1,469,285   | 1,060,000   | 2,029,195   |

\*Exclusive of persons employed in central administrative offices.

†In 1939 the maximum was 1,890 in September and the minimum 88 in January. In 1937 the maximum was 3,105 in September and the minimum 265 in December. In 1935 the maximum was 2,415 in August and the minimum 251 in February. In 1929 the maximum was 2,316 in September and the minimum 194 in February.

**COLORADO MANUFACTURES: QUANTITY AND VALUE OF SPECIFIED PRODUCTS OF THE CANNING AND PRESERVING INDUSTRY, 1939, 1935, AND 1929**

(Source: Bureau of the Census)

Note—Output of certain products is included under "other states" in order to avoid the disclosure of individual operations. In some instances products so listed exceed in quantity and value those for which figures are available. Packs other than those named include peas, carrots, lima beans, corn, hominy, kraut and tomato juices, mushrooms, pumpkins and others, most of which are canned in several classes and types.

| PRODUCT                         | 1939             |           | 1935             |           | 1929             |           |
|---------------------------------|------------------|-----------|------------------|-----------|------------------|-----------|
|                                 | Quantity (Cases) | Value     | Quantity (Cases) | Value     | Quantity (Cases) | Value     |
| Beans:                          |                  |           |                  |           |                  |           |
| Green .....                     | 126,412          | \$214,139 | 207,522          | \$361,495 | 503,811          | \$726,478 |
| Wax .....                       | 85,245           | 148,677   | 37,783           | 66,689    | 112,903          | 244,347   |
| Beets .....                     | (1)              | (1)       | (1)              | (1)       | 43,690           | 91,409    |
| Kraut .....                     | (1)              | (1)       | 56,765           | 90,590    | (1)              | (1)       |
| Tomatoes .....                  | 273,606          | 480,704   | 265,221          | 516,657   | 290,648          | 705,429   |
| Tomato juice and cocktail ..... | 147,375          | 300,775   | (1)              | (1)       | (1)              | (1)       |
| Tomato pulp and puree...        | 4,600            | 8,282     | (1)              | (1)       | (1)              | (1)       |
| Cherries (sour).....            | (1)              | (1)       | 60,682           | 133,551   | 106,762          | 537,407   |
| Ketchup .....                   | 81,269           | 198,110   | .....            | 137,790   | .....            | 291,422   |
| Kraut (in bulk).....            | .....            | 14,396    | .....            | 13,050    | .....            | 10,996    |
| Pickles .....                   | .....            | 514,419   | .....            | 235,060   | .....            | 229,735   |
| Prepared horseradish.....       | .....            | (1)       | .....            | (1)       | .....            | 37,730    |
| Prepared mustard.....           | .....            | 14,800    | .....            | 13,940    | .....            | (1)       |
| Preserves, jams, jellies.....   | .....            | (1)       | .....            | 465,505   | .....            | 580,888   |
| Mayonnaise .....                | .....            | 17,617    | .....            | 26,048    | .....            | (1)       |
| Other salad dressings.....      | .....            | (1)       | .....            | 126,004   | .....            | (1)       |
| Sugar consumed (lbs.)....       | .....            | (1)       | 3,800,600        | 192,060   | .....            | 182,958   |

(1) Included under "other states" to avoid disclosure of individual operations.

**CLAY INDUSTRIES**

The mining and processing of clay and the manufacture of clay products is one of Colorado's oldest industries and extends back into the pioneer days when clay brick first was introduced in construction. There are many kinds of clay found in the state and as a rule the best known deposits are of high quality and noted for their resistance to heat. Among the products are brick and hollow structural tile, terra cotta, roofing tile, clay refractories, porcelain and chinaware, ceramics, chemical and scientific porcelain for technical uses, earthenware and insulating equipment for electrical construction, and many others. Some of the larger plants are at present engaged almost exclusively in the production of materials for war uses, others have suspended operations.

Statistics on the quantity and value of the output are not comprehensive of the industry as a whole, due to a variety of reasons. Several of the larger establishments are devoted to the production of specialized lines which are not distributed by states in census reports in order not to disclose

information regarding individual operations. Included in this class are terra cotta, porcelain, pottery and several others. Data on clay production also is limited through the inclusion of this item in the value of finished products where mining is coextensive with manufacture.

Statistics on the value of clay products sold annually, rather than the value of manufactured products, were compiled for many years by the United States bureau of mines. For 41 years, from 1895 to 1935, inclusive, these figures aggregated \$82,793,528. The year of maximum sales was 1925, when they amounted to \$4,126,945, and of minimum sales was in 1896, when the total was \$328,680. The compiling of data on this basis was discontinued after 1935.

The bureau of mines also compiled statistics on raw clay production, that which was mined and sold as clay, or mined under royalty and shipped into another state for fabrication. From 1900 to 1930, inclusive, the raw clay production thus reported amounted to 3,417,694 short tons, valued at \$4,054,610 for the period of 31 years. This was, however, a very small part of the

total output as the figures do not include clay mined by manufacturers of brick, tile, and other heavy clay products for their own use in nearby plants. The quantity thus produced is estimated at about nine times that reported as raw clay sold. Fire clay sold by producers is reported separately and the figures for Colorado in recent years are as follows:

| Year      | Short Tons | Value    |
|-----------|------------|----------|
| 1935..... | 33,227     | \$49,628 |
| 1936..... | 54,433     | 78,567   |
| 1937..... | 59,828     | 93,587   |
| 1938..... | 48,702     | 65,678   |
| 1939..... | 52,310     | 72,644   |
| 1940..... | 52,695     | 89,206   |

Miscellaneous clay sold by producers in Colorado by years is as follows:

| Year      | Short Tons | Value    |
|-----------|------------|----------|
| 1935..... | 23,342     | \$19,867 |
| 1936..... | 53,881     | 47,643   |
| 1937..... | 65,190     | 59,916   |
| 1938..... | 54,115     | 49,249   |
| 1939..... | 76,081     | 78,150   |
| 1940..... | 62,803     | 64,842   |

The value of manufactured products of the industries (other than pottery) and exclusive of those not reported separately, as shown by the census of manufactures for Colorado by census years, is as follows:

| Year      | Value       |
|-----------|-------------|
| 1914..... | \$1,127,000 |
| 1919..... | 2,504,658   |
| 1921..... | 2,480,517   |
| 1923..... | 4,295,427   |
| 1925..... | 4,351,749   |
| 1927..... | 3,348,514   |
| 1929..... | 3,097,442   |
| 1931..... | 1,607,831   |
| 1933..... | 677,269     |
| 1935..... | 1,118,299   |
| 1937..... | 2,328,083   |
| 1939..... | 2,356,146   |

An accompanying table gives a summary of the structural clay-products industry for Colorado by census years 1939, 1937, 1935, 1929 and 1919.

#### MANUFACTURES: COLORADO STRUCTURAL CLAY-PRODUCTS INDUSTRIES

(Source: Bureau of the Census)

Note—The industries reported in this table include brick and hollow structural tile and clay refractories. Three plants producing terra cotta, roofing tile, and miscellaneous products are excluded in order to avoid disclosure of information concerning individual establishments.

|  | 1939       | 1937       | 1935       | 1929        | 1919        |
|--|------------|------------|------------|-------------|-------------|
| Number of establishments.....                              | 32         | 32         | 23         | 33          | 43          |
| Persons employed*.....                                     | 776        | 814        | 543        | 949         | 900         |
| Salaries and wages.....                                    | \$ 964,207 | \$ 341,999 | \$ 551,899 | \$1,373,363 | \$1,007,181 |
| Cost of materials, fuel and purchased electric energy..... | 775,525    | 900,800    | 409,735    | 969,455     | 773,793     |
| Value of products.....                                     | 2,356,146  | 2,328,083  | 1,118,299  | 3,097,442   | 2,504,658   |
| Value added by manufacture...                              | 1,580,621  | 1,427,283  | 708,564    | 2,127,987   | 1,730,865   |

\*Not including proprietors and firm members or officers. Salaried officers and employees of central administrative offices are not included.

#### LUMBER, TIMBER AND PLANING MILL INDUSTRIES

Colorado has immense quantities of merchantable timber from which there is produced annually a substantial part of the forest products consumed in the state. The principal industries are lumber and timber products, planing mill products, wooden boxes and cooperage.

The national forest service and the bureau of the census cooperate in compiling annual statistics on the operations of logging camps, saw mills and planing mills engaged in producing rough lumber, lath, shingles, railroad ties and other unfinished products used mostly in remanufacture. In biennial census years the same agencies

also canvass independent planing mills not operated in conjunction with saw mills.

The value of products of the affiliated industries for Colorado in the census year of 1939, exclusive of cooperage, which is not reported separately, is as follows:

|                        |             |
|------------------------|-------------|
| Lumber and timber..... | \$1,895,190 |
| Planing mills.....     | 867,419     |
| Total.....             | \$2,762,609 |

The total for the combined industries in 1937 was \$2,443,812.

The number of active mills and quantities of lumber sawed annually by specified years, as reported for the lumber and timber industry, are as follows:

| Year | No. of Active Mills | Quantity Lumber Sawed (board ft.) |
|------|---------------------|-----------------------------------|
| 1922 | 123                 | 38,917,000                        |
| 1923 | 113                 | 38,233,000                        |
| 1924 | 122                 | 42,014,000                        |
| 1925 | 145                 | 71,069,000                        |
| 1926 | 128                 | 75,278,000                        |
| 1927 | 116                 | 67,321,000                        |
| 1928 | 140                 | 72,257,000                        |
| 1929 | 134                 | 71,535,000                        |
| 1930 | 147                 | 54,688,000                        |
| 1931 | 118                 | 48,413,000                        |
| 1932 | 119                 | 39,163,000                        |
| 1933 | 134                 | 33,759,000                        |
| 1934 | 152                 | 49,460,000                        |
| 1935 | 151                 | 47,557,000                        |
| 1936 | 174                 | 71,769,000                        |
| 1937 | 193                 | 83,991,000                        |
| 1938 | 164                 | 84,736,000                        |
| 1939 | 204                 | 83,914,000                        |

In the 18 years covered by the above figures the minimum output in any single year was 33,759,000 board feet in 1933 and the maximum for the same period was 84,736,000 board feet in 1938.

An accompanying table shows the number of establishments, persons engaged, salaries and wages, cost of materials, value of products and value added by manufacture for lumber and timber products, and the same data for planing mill products for the census years of 1939, 1937, 1935, 1933 and 1929.

Most of the lumber produced in the state is softwood, the only hardwood being cottonwood, except that in 1933 a little ash was sawed and some walnut in 1939. The kind of wood and the quantity of each produced by years are shown in an accompanying table.

Colorado ranked second among the states of the Union in 1939 in the production of lodgepole pine, being exceeded only by Wyoming. In that year its output was 32.6 per cent of that for all states. In 1935 Colorado ranked first, its output being 40 per cent of the entire production of the United States. This timber is used extensively in the construction of telephone and telegraph lines and other industries where tall, strong and uniformly shaped timber is required. In 1939 the state was eighth in the output of Douglas fir and ninth for Ponderosa pine.

A considerable part of the timber cut in Colorado comes from the national forests, the normal annual output being 50,000,000 to 70,000,000 board feet. The national forest service estimates standing timber of all species in these reserves at more than 32,000,000,000 board feet. Additional information on this subject will be found in the chapter on "National Forests."

The apparent lumber consumption in Colorado in 1938, as reported by the forest service, was 176,834,000 board feet or 164 feet per capita. The sources of this lumber, including all woods, was as follows:

|              | Feet B. M.         |
|--------------|--------------------|
| Colorado     | 54,123,000         |
| Other states | 122,253,000        |
| Imports      | 458,000            |
| <b>Total</b> | <b>176,834,000</b> |

In 1940 Class I rail shipments of lumber into the state exceeded shipments out of the state by 210,907 tons.

**MANUFACTURES: COLORADO LUMBER AND TIMBER PRODUCTS AND PLANING MILL PRODUCTS INDUSTRIES BY CENSUS YEARS**

(Source: Bureau of the Census)

Note—Under "Lumber and Timber Products" are classified logging camps, merchant sawmills and planing mills which turn out rough lumber, shingles, laths, railway ties and stocks. Principal planing mill products are dressed lumber, sash doors, interior work and moldings. In the following table establishments listed under planing mill products are independent planing mills not operated in conjunction with sawmills.

|  | 1939       | 1937       | 1935       | 1933       | 1929        |
|--|------------|------------|------------|------------|-------------|
| <b>LUMBER AND TIMBER PRODUCTS</b>                  |            |            |            |            |             |
| Number of establishments                           | 79         | 72         | 51         | 23         | 61          |
| Persons engaged*                                   | 964        | 848        | 622        | 325        | 1,296       |
| Salaries and wages*                                | \$ 857,334 | \$ 637,990 | \$ 600,150 | \$ 258,000 | \$1,592,554 |
| Cost of materials, fuel and purchased energy, etc. | 633,533    | 665,318    | 224,546    | 86,000     | 346,163     |
| Value of products                                  | 1,895,190  | 1,613,423  | 1,046,035  | 394,000    | 2,278,660   |
| Value added by manufacture                         | 1,261,657  | 948,105    | 821,489    | 308,000    | 1,932,497   |
| <b>PLANING MILL PRODUCTS</b>                       |            |            |            |            |             |
| Number of establishments                           | 18         | 17         | 15         | 16         | 29          |
| Persons engaged*                                   | 251        | 244        | 156        | 136        | 374         |
| Salaries and wages*                                | \$ 330,362 | \$ 330,629 | \$ 188,103 | \$ 124,000 | \$ 625,827  |
| Cost of materials, fuel and purchased energy, etc. | 411,112    | 364,884    | 205,502    | 160,000    | 568,104     |
| Value of products                                  | 867,419    | 830,389    | 462,887    | 334,000    | 1,507,222   |
| Value added by manufacture                         | 456,307    | 465,505    | 257,385    | 174,000    | 939,218     |

\*Does not include persons in central administrative offices.

**LUMBER PRODUCTION IN COLORADO, BY KINDS AND QUANTITY, BY YEARS**

(Source: Bureau of the Census)

Note—Quantities are given in thousand feet, board measure (000 omitted).

| KIND                 | 1939   | 1938   | 1937   | 1936   | 1935   | 1934   | 1933   | 1932   |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Ash .....            |        |        |        |        | 3      |        |        |        |
| White pine.....      |        |        |        |        | 25     |        |        |        |
| Cedar .....          | 26     | 200    |        |        | 2      | 1      |        |        |
| Douglas fir.....     | 4,636  | 4,235  | 5,867  | 5,438  | 4,737  | 5,541  | 4,053  | 3,318  |
| Lodgepole pine.....  | 17,881 | 29,427 | 31,048 | 20,208 | 7,058  | 7,113  | 6,785  | 3,966  |
| Ponderosa pine ..... | 39,060 | 34,492 | 32,230 | 31,699 | 25,138 | 28,429 | 16,630 | 25,726 |
| Spruce .....         | 20,893 | 15,438 | 13,022 | 13,286 | 9,820  | 7,559  | 5,140  | 5,488  |
| White fir.....       | 1,357  | 888    | 1,730  | 1,094  | 707    | 723    | 1,090  | 587    |
| White pine.....      | 11     |        |        |        |        |        |        |        |
| Cottonwood .....     | 47     | 56     | 94     | 44     | 67     | 94     | 61     | 78     |
| Walnut .....         | 3      |        |        |        |        |        |        |        |
| Total .....          | 83,914 | 84,736 | 83,991 | 71,769 | 47,557 | 49,460 | 33,759 | 39,163 |

**RUBBER MANUFACTURES**

One of the important manufacturing industries of Colorado which the bureau of the census lists under the item "All Other Industries" in order to avoid the disclosure of individual operations is that of rubber manufactures. The largest rubber manufacturing plant between Akron, Ohio, and the Pacific coast, a position maintained over a period of years, is that of the Gates Rubber company, in Denver.

The value of its products in 1939 was approximately \$14,000,000. Its distribution is general throughout the United States and more than fifty foreign countries. The average number of wage earners in 1939 was 2,900 and wages paid exceeded \$4,000,000. More than one-half of gross expenditures remain in the state in the form of wages, salaries, raw materials, supplies and taxes.

**OLEOMARGARINE PRODUCED**

The manufacture of colored and uncolored oleomargarine in Colorado in fiscal years ending June 30, as reported by the commissioner of internal revenue of the United States treasury department, in pounds and by years is as follows:

| Year      | Colored | Uncolored | Total     |
|-----------|---------|-----------|-----------|
| 1921..... | 53,060  | 477,656   | 530,716   |
| 1922..... | 8,280   | 167,080   | 175,360   |
| 1924..... | 20,760  | 369,260   | 390,020   |
| 1925..... | 14,570  | 408,460   | 423,030   |
| 1926..... | 50,510  | 536,640   | 637,150   |
| 1927..... | 49,826  | 662,784   | 712,610   |
| 1928..... | 71,160  | 954,900   | 1,026,060 |

| Year      | Colored | Uncolored | Total     |
|-----------|---------|-----------|-----------|
| 1929..... | 53,887  | 1,048,006 | 1,101,893 |
| 1930..... | 128,825 | 1,489,916 | 1,618,741 |
| 1931..... | 59,730  | 796,259   | 855,989   |
| 1932..... | 800     | 551,711   | 552,511   |
| 1933..... |         | 455,684   | 455,684   |
| 1934..... | 2,838   | 578,420   | 581,258   |
| 1935..... | 20,814  | 1,225,139 | 1,245,953 |
| 1936..... | 21,716  | 1,020,356 | 1,042,072 |
| 1937..... | 17,577  | 1,181,259 | 1,198,836 |
| 1938..... | 5,010   | 392,539   | 334,549   |

No production in Colorado has been reported in years subsequent to 1938.

**CIGARS AND TOBACCO**

The production of cigars in Colorado, as reported by the United States commissioner of internal revenue, decreased from a maximum of 34,902,482 in 1920 to a minimum of 540,652 cigars in 1938. The quantity of tobacco used and the number of cigars manufactured by calendar years are as follows:

| Year      | Tobacco, Pounds | Number of Cigars |
|-----------|-----------------|------------------|
| 1920..... | 732,179         | 34,902,482       |
| 1921..... | 556,467         | 27,272,697       |
| 1922..... | 359,930         | 16,643,058       |
| 1923..... | 394,816         | 18,219,382       |
| 1924..... | 317,189         | 15,324,979       |
| 1925..... | 274,960         | 13,843,994       |
| 1926..... | 216,365         | 10,216,392       |
| 1927..... | 117,370         | 5,602,215        |
| 1928..... | 152,717         | 7,675,536        |
| 1929..... | 122,523         | 6,324,832        |
| 1930..... | 85,265          | 4,491,487        |
| 1931..... | 54,947          | 2,673,175        |
| 1932..... | 29,112          | 1,361,597        |
| 1933..... | 36,482          | 1,713,151        |
| 1934..... | 34,083          | 1,669,840        |
| 1935..... | 26,547          | 1,186,656        |
| 1936..... | 18,673          | 875,046          |
| 1937..... | 14,270          | 665,352          |
| 1938..... | 11,619          | 540,652          |
| 1939..... | 6,877           | 325,599          |
| 1940..... | 4,945           | 232,135          |

**MANUFACTURES PRINTING AND PUBLISHING OF NEWSPAPERS AND PERIODICALS, GENERAL COMMERCIAL (JOB) PRINTING, AND ACTIVITIES OF ALLIED INDUSTRIES IN COLORADO, 1939, WITH TOTALS FOR COMBINED INDUSTRIES, BY CENSUS YEARS**

(Source: Bureau of the Census)

Note—Establishments canvassed include only those which do a business of \$5,000 or more per year. Persons in central administrative offices are not included under salaried officers and employees nor under salaries paid. Separate figures for Colorado for several allied industries are omitted in order not to disclose individual operations

|  | No. Establishments | Persons Engaged * | Salaries and Wages | Cost, Materials, Power, Etc. | Value of Products |
|--|--------------------|-------------------|--------------------|------------------------------|-------------------|
| <b>Newspapers:</b>                                       |                    |                   |                    |                              |                   |
| Publishing without printing....                          | 4                  | 23                | \$ 18,961          | \$ 32,906                    | \$ 64,448         |
| Publishing and printing.....                             | 101                | 1,742             | 2,879,420          | 2,746,603                    | 8,842,812         |
| Total .....  | 105                | 1,765             | \$2,898,381        | \$2,779,509                  | \$8,907,260       |
| <b>Periodicals:</b>                                      |                    |                   |                    |                              |                   |
| Publishing without printing....                          | 14                 | 33                | \$ 43,990          | \$ 63,604                    | \$ 160,972        |
| Publishing and printing.....                             | 6                  | 172               | 260,178            | 138,419                      | 499,013           |
| Total .....  | 20                 | 205               | \$ 304,168         | \$ 202,023                   | \$ 659,985        |
| General commercial (job) printing                        | 79                 | 802               | \$1,280,554        | \$1,109,752                  | \$3,102,354       |
| Lithographing and photo-lithographing .....              | 5                  | 93                | 144,990            | 192,569                      | 451,068           |
| Bookbinding and related industries                       | 7                  | 59                | 57,858             | 33,277                       | 153,099           |
| Machine and hand typesetting....                         | 5                  | 25                | 37,266             | 14,619                       | 78,335            |
| Photo engraving not done in printing establishments..... | 5                  | 57                | 127,745            | 49,129                       | 264,188           |
| Combined industries, 1939.....                           | 226                | 3,006             | \$4,850,962        | \$4,380,878                  | \$13,616,289      |
| 1937.....  | 204                | 2,775             | 4,514,867          | 4,109,414                    | 13,252,301        |
| 1935.....  | 207                | 2,739             | 4,181,753          | 3,539,404                    | 12,415,235        |
| 1933.....  | 179                | 2,377             | 3,260,794          | 2,974,307                    | 10,316,892        |
| 1931.....  | 254                | 1,901             | 3,119,422          | 3,868,425                    | 14,977,897        |
| 1929.....  | 292                | 3,565             | 6,272,332          | 4,385,543                    | 18,504,471        |

\*Exclusive of proprietors and firm members.

**MANUFACTURES: NUMBER AND CIRCULATION OF NEWSPAPERS PUBLISHED IN COLORADO, BY KIND AND BY CENSUS YEARS**

(Source: Bureau of the Census)

Note—Combined revenues of newspapers published in Colorado in 1939 were \$8,242,474, of which \$2,604,063 was from subscriptions and sales and \$5,602,411 from advertising. In 1937 the total was \$8,447,344, of which \$2,711,376 was from subscriptions and sales and \$5,735,968 from advertising.

| KIND                               | 1939    | 1937    | 1935    | 1933    | 1931    | 1929    |
|------------------------------------|---------|---------|---------|---------|---------|---------|
| <b>Daily Newspapers:</b>           |         |         |         |         |         |         |
| <b>Morning:</b>                    |         |         |         |         |         |         |
| Number .....                       | 8       | 9       | 7       | 7       | 6       | 5       |
| Circulation .....                  | 64,626  | 67,557  | 64,308  | 51,763  | 58,868  | 64,887  |
| <b>Evening:</b>                    |         |         |         |         |         |         |
| Number .....                       | 25      | 24      | 26      | 22      | 24      | 24      |
| Circulation .....                  | 240,044 | 240,276 | 260,006 | 227,691 | 241,181 | 233,641 |
| <b>Sunday:</b>                     |         |         |         |         |         |         |
| Number .....                       | 7       | 7       | 7       | 10      | 9       | 8       |
| Circulation .....                  | 365,021 | 399,196 | 404,809 | 424,816 | 416,632 | 400,913 |
| <b>Weekly:</b>                     |         |         |         |         |         |         |
| Number .....                       | 90      | 73      | 66      | 53      | 101     | 121     |
| Circulation .....                  | 246,555 | 106,861 | 156,691 | 67,738  | 106,090 | 185,472 |
| <b>Semi-weekly and Tri-weekly:</b> |         |         |         |         |         |         |
| Number .....                       | 3       | 4       | 6       | 2       | 9       | 9       |
| Circulation .....                  | 4,023   | 5,800   | 8,604   | 3,014   | 13,150  | 11,630  |

**EXPLOSIVES MANUFACTURED AND USED IN COLORADO FOR INDUSTRIAL PURPOSES IN 1940, 1939, 1938 AND 1937**

(Source: U. S. Bureau of Mines)

Note—The explosives covered in this table are classified as follows:

1. Black blasting powder—All black powder with sodium or potassium nitrate as a constituent is classified as black blasting powder.
2. High explosives—Dynamite and all other high explosives of various trade names and compositions, except permissible explosives, are classed as high explosives.
3. Permissible explosives—Permissible explosives include ammonium nitrate explosives, hydrated explosives, organic, nitrate explosives, and certain nitroglycerin explosives that contain an excess of free water or carbon.

|  | 1940        | 1939        | 1938        | 1937        |
|--|-------------|-------------|-------------|-------------|
| <b>MANUFACTURED:</b>   |             |             |             |             |
| Black blasting powder:   |             |             |             |             |
| Granular (kegs).....   | 6,871       | 10,365      | 7,963       | 13,777      |
| Pellet (cases).....  | 9,692       | 12,566      | 16,072      | 25,646      |
| High explosives other than permissible (pounds).....                       | 9,503,390   | 8,506,757   | 9,561,775   | 12,033,795  |
| Permissible (pounds).....  | 735,575     | 627,950     | 469,000     | 575,400     |
| Total Colorado (pounds).....   | 10,653,040  | 9,707,982   | 10,631,650  | 13,590,770  |
| Total United States (pounds)....   | 423,369,230 | 386,437,568 | 332,130,498 | 404,744,294 |
| Colorado per cent of U. S.....   | 2.5         | 2.5         | 3.2         | 3.4         |
| <b>EXPLOSIVES USED IN STATE COAL MINING:</b>                               |             |             |             |             |
| Black blasting powder:   |             |             |             |             |
| Granular (kegs).....   | 4,255       | 8,038       | 7,581       | 8,781       |
| Pellet (cases).....  | 9,360       | 12,380      | 15,608      | 25,194      |
| High explosives other than permissible (pounds).....                       | 45,775      | 77,461      | 59,050      | 84,569      |
| Permissible explosives (pounds)....  | 722,225     | 610,525     | 458,400     | 544,600     |
| <b>METAL MINING:</b>   |             |             |             |             |
| Black blasting powder:   |             |             |             |             |
| Granular (kegs).....   | 424         | 139         | 66          | 128         |
| Pellet (cases).....  | 148         | 26          | 384         | 190         |
| High explosives other than permissible (pounds).....                       | 7,832,790   | 6,405,247   | 6,927,404   | 7,452,992   |
| Permissible explosives (pounds)....  | 7,750       | 11,050      | 4,263       | 9,700       |
| <b>QUARRYING AND NONMETALLIC MINERAL MINING:</b>                           |             |             |             |             |
| Black blasting powder:   |             |             |             |             |
| Granular (kegs).....   | 1,872       | 2,136       | 22          | 3,521       |
| Pellet (cases).....  | 184         | 158         | 68          | 120         |
| High explosives other than permissible (pounds).....                       | 286,400     | 241,225     | 126,530     | 207,475     |
| Permissible explosives (pounds)....  | 5,300       | 6,300       | 4,600       | 5,200       |
| <b>RAILWAY AND OTHER CONSTRUCTION WORK:</b>                                |             |             |             |             |
| Black blasting powder:   |             |             |             |             |
| Granular (kegs).....   | 266         | *6          | 215         | 1,306       |
| Pellet (cases).....  | .....       | 2           | 8           | 134         |
| High explosives other than permissible (pounds).....                       | 1,320,855   | 1,702,479   | 2,389,632   | 4,186,144   |
| Permissible explosives (pounds)....  | 250         | 50          | 1,437       | 2,900       |
| <b>ALL OTHER PURPOSES:</b>   |             |             |             |             |
| Black blasting powder:   |             |             |             |             |
| Granular (kegs).....   | 54          | 58          | 79          | 41          |
| Pellet (cases).....  | .....       | .....       | 4           | 8           |
| High explosives other than permissible (pounds).....                       | 17,570      | 80,345      | 59,159      | 102,615     |
| Permissible explosives (pounds)....  | 50          | 25          | 300         | 13,000      |
| Total (pounds) used in Colorado (kegs and cases equal 25 pounds each)..... | 21,306,080  | 19,416,264  | 21,263,540  | 27,189,540  |
| Total (pounds) used in United States                                       | 423,369,230 | 386,437,568 | 332,130,498 | 404,744,294 |
| Colorado per cent of United States.  | 5.0         | 5.0         | 6.4         | 6.7         |

\*Sold by manufacturer but later returned unused to him.

## Mining and Mineral Industries

Production, Values, Historical Records; Metals; Non-Metals, Coal, Coke, Petroleum, Refineries, Pipe Lines, Natural Gas

COLORADO produced annually in the 35 years ending with 1939 an average of \$58,005,087 worth of minerals, including both metals and non-metals. The maximum output during that period was in 1917, when war demands and high prices established a record of \$80,296,218. The minimum production in values during the 34 years was in 1932, when the output was \$25,800,227, a year of low prices and diminished production.

The state is producing commercially about 40 minerals. The relative rank of the different minerals in quantity and value undergoes frequent changes in response to the economic conditions of the country and the law of supply and demand. Gold ranked first in the state's output of minerals down to 1930, when it was superseded in that position by coal. The latter, in turn, surrendered first place to molybdenum in 1939. Colorado ranked 17th among the states of the Union in 1939 in the production of all minerals, as reported by the United States bureau of mines, in which year its output was 1.51 per cent of the total for all states and Alaska. It ranked 15th in 1938.

Colorado's relative position among the states in the mining industry is indicated by the following table:

| Resource   | Rank |
|--|------|
| Coal (reserves).....                                       | 1    |
| Oil shales (reserves).....                                 | 1    |
| Molybdenum, value (1940).....                              | 1    |
| Uranium and vanadium ores, value (1939).....               | 1    |
| Sulfur ores, value (1939).....                             | 1    |
| Vanadium, quantity (1940).....                             | 1    |
| Lead-copper ores, value (1939).....                        | 2    |
| Vermiculite, value (1939).....                             | 2    |
| Fluorspar, value (1940).....                               | 3    |
| Tungsten ores, quantity (1940).....                        | 3    |
| Feldspar, value (1939).....                                | 4    |
| Silver, value (1940).....                                  | 4    |
| Dry and siliceous ores, gold and silver, value (1937)..... | 4    |
| Manganiferous ores, value (1939).....                      | 4    |
| Sheet mica, value (1935).....                              | 4    |
| Beehive coke, quantity (1938).....                         | 4    |
| Tantalum ore, value (1937).....                            | 4    |
| Gold, value (1940).....                                    | 6    |
| Copper, quantity (1940).....                               | 7    |
| Lead, quantity (1940).....                                 | 8    |
| Bituminous coal, quantity (1940).....                      | 10   |
| Fire clay, value (1940).....                               | 11   |
| By-product coke, quantity (1937).....                      | 13   |
| Zinc, quantity (1940).....                                 | 14   |
| All minerals, value (1939).....                            | 17   |
| Petroleum, quantity (1940).....                            | 19   |
| Natural gas, quantity (1940).....                          | 19   |
| Proved oil reserves (1941).....                            | 23   |
| Stone, value (1940).....                                   | 34   |
| Sand and gravel, value (1940).....                         | 39   |

The value of all minerals produced in what is now Colorado since the beginning of the industry is not definitely known, but the United States bureau of mines and other agencies have compiled records on many of them. These indicate that the total value of the state's output since the industry first was established is considerably in excess of three billion dollars. This estimate is based on figures for specified minerals and periods as follows:

| Mineral                           | Value           |
|-----------------------------------|-----------------|
| Gold (1858-1941).....             | \$ 834,263,389  |
| Silver (1858-1941).....           | 558,481,177     |
| Copper (1868-1941).....           | 64,499,199      |
| Lead (1869-1941).....             | 224,695,713     |
| Zinc (1895-1941).....             | 161,586,696     |
| Stone (1897-1940).....            | 36,242,461      |
| Tungsten (1906-1939).....         | 21,431,309      |
| Radium.....                       | 18,000,000      |
| Petroleum (1862-1941).....        | 42,553,169      |
| Coal (1864-1941).....             | 886,124,036     |
| Natural gas (1922-1939).....      | 9,256,200       |
| Molybdenum (to end 1940).....     | 103,911,000     |
| Fluorspar (1880-1940).....        | 2,604,703       |
| Iron (1850-1930).....             | 3,916,000       |
| Manganese (to end 1930).....      | 4,207,000       |
| Sand and gravel (1912-1940).....  | 13,567,998      |
| Clay products (1895-1937).....    | 85,448,218      |
| Raw clay (1899-1939).....         | 4,917,988       |
| Natural gasoline (1925-1939)..... | 539,000         |
| Feldspar (1935-1940).....         | 79,972          |
| Total.....                        | \$3,076,330,228 |

Values are not disclosed on several of the important minerals produced, due to the fact that publication would reveal information concerning individual enterprises. Among the minerals produced in addition to those named above are cement, fuller's earth, gypsum, mica, mineral paints, uranium and vanadium.

Complete records of production and value of all minerals, distributed by states, was begun in 1905 by the federal bureau of mines. These show that from 1905 to 1939, inclusive, the total value of the state's output was \$2,030,178,055. A table published herewith gives these totals, by years, and also a grouping of gold, silver, copper, lead and zinc in one column and of all other minerals in another with the per cent of each group to the total, for comparative purposes. It shows that in 1905 the value of all minerals produced in the state was \$59,280,944, of which \$44,699,700, or 75.4 per cent of the total, represented the output of the five principal metals and \$14,581,244 or 24.6 per cent, comprised all other minerals. There followed a grad-

ual reversal of the position of the two groups until 1931, when only 24.1 per cent of the total output of minerals in the state consisted of gold, silver, copper, lead and zinc and 75.9 per cent represented the output of other minerals. In years subsequent to 1931 the five-principal-metals group has shown a considerable recovery in relative position, but it has not been the predominant group since 1917. In 1939 the relative position of the two groups was 34.8 per cent for the five principal metals and 65.2 per cent for other minerals. The position of the two groups in the entire 35-year period is 44.1 per cent for the five metals and 55.9 per cent for all other minerals.

Colorado occupies a unique position among the states of the Union in the variety and extent of its mineral resources, both metal and non-metal. This is due largely to the extreme irregularity of the state's surface geologically and the range of formations exposed for examination and development. Approximately 250 useful metallic and non-metallic minerals and compounds have been reported in the state, and undoubtedly many others are to be found. These minerals, especially rare metals, for which there is an increasing demand, afford raw materials from which a number of important industries, such as the chemical and glass industries, may be developed.

The assessed value of mining properties in Colorado for 1941, as reported by the state tax commission, is as follows:

| Property  | Assessed Value |
|---|----------------|
| Coal land.....                                    | \$ 3,759,253   |
| Oil land and reserves.....                        | 3,214,132      |
| Metalliferous mining claims (non-productive)..... | 8,892,234      |
| Output metalliferous mines.....                   | 16,945,600     |
| Quarry land, reserves and placer claims.....      | 246,575        |
| Improvements:                                     |                |
| Coal land.....                                    | 2,229,650      |
| Oil land.....                                     | 1,550,710      |
| Mineral land.....                                 | 7,006,342      |
| Total.....  | \$43,844,496   |

For the calendar year of 1938 there were 650 corporation income tax returns of mining and quarrying companies filed in the Colorado district. Of that number 77 reported a net income of \$3,702,694 and 287 returns with no net income reported a deficit of \$2,288,529, there being 286 companies inactive during the year. The net income of 132 companies in 1931, the year in which a low record was established, was \$2,509,417 or \$1,193,277 less than in 1938. In the same year 380 corporations showing no net income

reported deficits aggregating \$10,783,017 or \$8,493,488 greater than in 1938.

Accompanying this chapter are published tables giving information concerning mining as follows:

Mineral production in Colorado, including metals and non-metals, in quantity and value, for 1935 to 1939, inclusive.

Mineral resources map of Colorado showing metal and coal areas, oil and gas fields, and pipe lines.

Total production, by counties, of gold, silver, copper, lead and zinc from the beginning of the industry down to and including 1941.

Gold, silver, copper, lead and zinc production and value, by years.

Gold, silver, copper, lead and zinc production and value, by counties, in 1941.

Value of all minerals produced in Colorado from 1905 to 1939, inclusive, with percentages of the five principal metals and other minerals to the total value.

Tables of metals and non-metals reported in Colorado.

Average price of metals by years.

A chart showing the value of all minerals and the five principal metals, 1905 to 1939, inclusive.

## METALS

Gold, silver, copper, lead and zinc are the principal metals in point of aggregate value produced in the state, but in recent years the development of rare metals has proceeded along substantial lines and Colorado is beginning to take a major place as a source of supply for these. Included among the rare metals are molybdenum, radium, uranium and vanadium ores and tungsten concentrates. Other metals in this class are known to exist in the state and scientific investigations being made as to their value for commercial uses are expected ultimately to bring them into production on a considerable scale. The state also produces commercially ferro-alloys, iron ore, manganiferous ores and other metals.

The following tabulation gives the principal metals found in Colorado and the counties in which they occur:

**Aluminum** (alunite, bauxite, cryolite)—Chaffee, Conejos, Custer, El Paso, Fremont, Gunnison, Hinsdale, Lake, Mineral, Ouray, Rio Grande, Saguache.

**Antimony** (bournonite, polybasite, stibnite)—Boulder, Clear Creek, Dolores, Grand, Gunnison, Ouray, Pitkin, San Juan, San Miguel, Teller.

**Arsenic** (arsenopyrite)—Gilpin, Gunnison, Pitkin, San Juan, San Miguel.

**Barium** (barite) — Boulder, Mineral, Pitkin, San Miguel.

**Bismuth** (beegerite, bismuthinite, bismitite, cosalite, tetradymite) — Boulder, Chaffee, Fremont, Grand, Gunnison, Jefferson, Lake, La Plata, Larimer, Montezuma, Ouray, Park, San Miguel.

**Cadmium** (greenockite) — Lake.

**Cerium** (allanite, gadolinite, monazite) — Boulder, Chaffee, Costilla, Douglas, Routt, Washington.

**Cobalt** (erythrite, smaltite) — Gunnison.

**Copper** — Archuleta, Baca, Boulder, Chaffee, Clear Creek, Conejos, Custer, Dolores, Eagle, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Jackson, Jefferson, Lake, La Plata, Larimer, Mesa, Mineral, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

**Gold** — Archuleta, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Dolores, Douglas, Eagle, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Jackson, Jefferson, Lake, La Plata, Mineral, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

**Iron** (brown iron ore, hematite, magnetite, marcasite, pyrite, pyrrhotite, siderite) — Chaffee, Costilla, Dolores, Fremont, Gunnison, Hinsdale, Jefferson, Lake, Ouray, Pitkin, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Pyrite is found in nearly every metal producing county in the state.

**Lead** — Archuleta, Boulder, Chaffee, Clear Creek, Custer, Dolores, Eagle, Fremont, Gilpin, Gunnison, Hinsdale, Lake, La Plata, Mineral, Montezuma, Ouray, Park, Pitkin, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

**Lithium** (amblygonite) — Fremont.

**Manganese** (alabandite, chalcophanite, psilomelane, pyrolusite, rhodochrosite) — Boulder, Chaffee, Custer, Dolores, Eagle, Gunnison, Hinsdale, Lake, Park, Saguache, San Juan, Summit.

**Mercury** (amalgam, cinnabar, quicksilver) — Boulder, La Plata.

**Molybdenum** (molybdenite) — Boulder, Chaffee, Clear Creek, Grand, Gunnison, Lake, San Juan, Summit, Teller.

**Nickel** (annabergite, nicolite) — Custer, Fremont, Gunnison.

**Platinum** — Clear Creek, Chaffee, Gunnison, Pitkin, Saguache, San Miguel.

**Radium, Uranium, Vanadium** (carnotite, pitchblende, volborthite) — Clear Creek, Custer, Dolores, Eagle, Garfield, Huerfano, Jefferson, La Plata, Mesa, Moffat, Montrose, Park, Rio Blanco, San Miguel.

**Silver** — Archuleta, Baca, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Dolores, Douglas, Eagle, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Jackson, Lake, La Plata, Mineral, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

**Tantalum** (columbite) — Fremont, Jefferson, Teller.

**Tellurium** — Boulder, Teller.

**Tin** (cassiterite) — Garfield.

**Titanium** (ilmenite, rutile, perovskite) — El Paso, Gunnison.

**Tungsten** (ferberite, huebnerite, scheelite) — Boulder, Chaffee, Clear Creek, Gilpin, Gunnison, Lake, Ouray, San Juan, San Miguel, Summit.

**Yttrium** (allanite, gadolinite) — Boulder, Douglas, Washington.

**Zinc** — Archuleta, Chaffee, Clear Creek, Conejos, Dolores, Eagle, Fremont, Gilpin, Hinsdale, Lake, Mineral, Ouray, Park, Pitkin, Saguache, San Juan, San Miguel, Summit.

**Zircon** — El Paso.

**GOLD**

Gold was first mined in what is now Colorado in 1858. The production from that year down to the close of 1941 amounted to 38,297,394 fine ounces, valued at \$834,263,389. Colorado ranked first among the states in the output of gold for many years, but surrendered that place to California in 1916. In recent years, 1932 to 1939, inclusive, it ranked fourth, being exceeded by California, South Dakota and Alaska. In 1940 it dropped to fifth place, but resumed its former position in 1941. The production of gold in the United States, including the Philippine Islands, from 1792 to 1940, inclusive, as reported by the director of the mint, was \$5,871,237,700, and of that total Colorado produced 14.0 per cent in 82 years. The state's approximate proportion of world production since Columbus discovered America is 3.1 per cent.

Gold with a total value of \$13,301,015 was produced in 34 counties of the state in 1941. Ten of these counties, however, produced less than \$1,000 worth in value. Teller county, in which is located the Cripple Creek district, ranked first with an output of \$4,671,450 or 35.1 per cent of the state's total. Park county ranked second.

In the period since Colorado first produced gold to the end of 1941, Teller county led all counties, with an output of \$394,644,597 or 47.3 per cent of the total. That county's output began in 1891, or 33 years after gold was produced commercially in the state. Gilpin county comes second, with an output of \$89,427,894 or 10.7 per cent; San Miguel county third with an output of \$70,553,232 or 8.5 per cent; Lake county fourth with a production of \$58,396,719 or 7.0 per cent, and Ouray county fifth with a total of \$39,810,780 or 4.8 per cent.

In 1868 the production of gold in the state was valued at \$2,010,000. It increased steadily until the maximum was reached in 1900, in which year the value was \$28,762,036. The period of largest output was in 1895 to 1918. It then declined to \$4,417,358 in 1929 and since that period it increased slightly to \$6,572,154 in 1933 and then in 1934, when the increased price of gold became effective, it jumped to \$11,356,070. In 1941 the total gold value was \$13,301,015.

A summary of the gold industry in Colorado in 1939, as reported by the bureau of the census, is as follows:

|                               |             |
|-------------------------------|-------------|
| Number, operating companies.  | 174         |
| Number, mines .....           | 167         |
| Number, mills .....           | 43          |
| Number, persons engaged ..... | 3,370       |
| Wages .....                   | \$4,136,141 |
| Salaries .....                | 599,165     |

Along with the 328,695 fine ounces of gold, there was produced in 1939 from the gold-bearing ores 1,082,684 fine ounces of silver; 2,209,779 pounds of copper; 8,949,401 pounds of lead; 1,988,407 pounds of zinc.

Tables published herewith give only the value of gold production prior to 1933, the price being stable at \$20.67 per fine ounce. The United States went off the gold standard on April 19, 1933, and for several months thereafter the value of the metal for export purposes became subject to quotations in the world market. Through an executive order issued by the president on April 29, 1933, the government agreed to act as agent for producers of newly mined gold to enable them to obtain the world price. In the following year, under the Gold Reserve act of 1934, the president issued a proclamation reducing the weight of the gold dollar and establishing a price of \$35 per fine ounce, less one fourth of one per cent and mint charges. These changes make it desirable for comparative purposes to show also the quantity of gold produced in the state. The following table gives the production in Colorado in fine ounces and the price by years.

| Year           | Fine Ounces | Price Per Oz. |
|----------------|-------------|---------------|
| 1858-1932..... | 35,162,526  | \$20.67       |
| 1933.....      | 242,828     | 25.56         |
| 1934.....      | 324,920     | 35.00         |
| 1935.....      | 349,280     | 35.00         |
| 1936.....      | 366,607     | 35.00         |
| 1937.....      | 368,905     | 35.00         |
| 1938.....      | 367,468     | 35.00         |
| 1939.....      | 366,852     | 35.00         |
| 1940.....      | 367,336     | 35.00         |
| 1941.....      | 380,029     | 35.00         |

The Golden Cycle corporation ranked fifth among the largest gold producers in the United States in 1940. It handles ores principally from the Cripple Creek district. The Empire Zinc company ranked 15th among the gold producers, the gold being recovered from copper ore in the Battle Mountain district. Veta Mines, Inc., upper San Miguel district, ranked 27th.

### SILVER

The estimated value of silver produced in Colorado in the 10-year period of 1858-1867 was \$406,139. In 1868, the value was \$266,150. From this start, the output of the metal advanced

steadily until the peak was reached in 1891, in which year the value was \$20,948,401. The decline which then set in was gradual, although steady, and in 1932 the output valued at \$524,635, was the lowest in any year since the peak was reached. There was an increase in the value of the output in 1933 to \$765,149, although prices continued low, the average for the year being 35 cents. Under the stimulus of governmental action which brought higher prices, the value of silver production increased in 1934 to \$2,246,892, in 1935 to \$3,375,296 and in 1936 to \$4,571,700. Gains were shown in 1937, 1938 and 1939, and in 1940 the value went to \$6,905,393, the highest in 23 years. In 1941 there was a decline at \$5,192,318.

On July 20, 1933, 66 governments at the World Economic and Monetary conference in London, adopted a resolution proposed by the United States that these governments refrain from the policy and practice of melting up and debasing silver coins, replace low-valued paper money with silver coins, and enact no legislation which would depreciate the value of silver in the world market. A separate and supplemental agreement was reached between the countries which were holders and users of large quantities of silver and the principal producing countries. The first group agreed to a limitation of the silver they would dispose of for a period of four years and the second group agreed to absorb specified amounts of their production to keep surpluses off of the world market during the same period.

To comply with the London agreement, President Roosevelt issued a proclamation on December 21, 1933, directing the mints to receive for coinage into standard silver dollars silver mined thereafter on a basis which would yield the producer 64.65 cents per fine ounce as against a world market of 43 cents an ounce at the time. This action resulted in an increased production of silver in 1934, Colorado's yield being 3,475,661 fine ounces as against 2,186,140 ounces in 1933 and 1,860,408 ounces in 1932. There was a further gain in 1935 to a total of 4,696,064 fine ounces and in 1936 to 5,902,776 fine ounces. The increase continued in 1937, 1938, and 1939, and in 1940 reached 9,710,709 ounces, the highest since 1907. In 1941 the output dropped to 7,301,697 ounces.

The London agreement expired on December 21, 1937, and the president, by proclamation, set the price at 64.64 cents as of January 1, 1938.

Colorado produced in the 84 years from 1858 to 1941, inclusive, 717,950,564 fine ounces of silver of a total value of \$558,481,177. This is equal to approximately 20 per cent of the value of all silver produced in the United States, including the Philippine Islands, from 1792 to the end of 1941, and 2.6 per cent of all the silver produced in the world since Columbus discovered America.

Lake county ranks first in the production of silver, its output from 1889 to 1941, inclusive, being valued at \$192,449,508 or 34.5 per cent of the total output of the state. Pitkin county ranks second, with an output of \$75,134,582 or 13.5 per cent, 1880 to 1939, inclusive. Clear Creek ranks third among the counties with an aggregate output of \$53,663,631 or 9.6 per cent of the state's total.

Silver was produced in 34 counties in 1941, of which 11 counties had an output of less than \$1,000 in value. Eagle county ranked first in 1941 with production valued at \$3,095,237 or 59.6 per cent of the state's total. Mineral county came second with production of \$644,773 or 12.4 per cent; San Juan county third with production of \$378,831 or 7.2 per cent; and San Miguel county fourth with a production of \$320,366 or 6.1 per cent. The rank of the counties varies slightly from year to year.

Colorado ranked fourth among the states of the Union and Alaska in 1940 in the production of silver, being exceeded only by Idaho, Montana and Utah. For many years it has ranked fifth. Silver has occupied second place among the metals in the state for 80 years, being exceeded only by gold, until 1940 when molybdenum took first place, relegating gold and silver to second and third.

Some of the largest silver mines in the country are located in Colorado. The Empire Zinc company's mine in the Battle Mountain district, originally opened as a zinc property, ranked third in 1940 in the production of silver, the recovery being from copper ores. The Emperius Mining company, at Creede, being 16th largest, and Veta Mines, Inc., ranking 39th.

## COPPER

Copper is found in Colorado principally in compound ores from which are recovered other metals, and large placer deposits similar to those handled by steam shovel methods in Montana, Utah and Arizona have never been developed in the state. Copper-mining enterprises, however, produce

19.1 per cent, in value, of all the gold, silver, copper, lead and zinc mined in the state. The enterprises which in 1929 were engaged primarily in copper mining produced 76.6 per cent of the state's output of that metal. Of great significance, however, is the fact that the copper-mining enterprises produced 41 per cent of the silver, 1.8 per cent of the gold, 17.2 per cent of the lead and 2.4 per cent of the zinc output of the state in that year.

The census figures on mining for 1940 when released are expected to show a continuation of that situation. In the last named year the copper properties of the Empire Zinc company, Battle Mountain district, ranked first among the districts of the state in the combined value of gold, silver, copper and lead.

Copper was first reported in 1868, in which year the state's output was 50,000 pounds, valued at \$11,500. The quantity produced remained below 1,000,000 pounds annually up to 1882, in which year the state's output was 1,494,000 pounds, valued at \$285,354. Since that year it has never dropped below 1,000,000 pounds annually. The peak year in quantity production was reached in 1938, when the output was 28,342,000 pounds, and in value in 1938, when it was worth \$2,777,516. The minimum output over a period of 45 years was in 1925 when 2,360,500 pounds, valued at \$335,191, was produced.

From 1868, the first year in which copper was reported, to the close of 1941, the state produced 488,588,420 pounds, with a value of \$64,499,199. Of the total quantity in the period named, Eagle county produced 176,092,073 pounds or 36 per cent; Lake county, 102,110,989 or 20.9 per cent and San Juan county, 75,010,718 pounds or 15.4 per cent.

Twenty-three counties reported copper production in 1941, of which 12 counties had an output in excess of \$5,000 in value. Eagle came first with an output valued at \$1,323,724 or 83.1 per cent of the total value for that year of \$1,592,528 for the state. San Juan county came second with a value of \$102,660 or 6.4 per cent.

## LEAD

Colorado first began producing lead commercially in 1869, in which year its output was reported at 150,000 pounds, valued at \$9,000. There was a steady increase in subsequent years until it reached 141,114,000 pounds, valued at \$6,067,902, in 1883. It fluctuated below that figure for the next 15

years, going as low as 80,794,286 pounds, valued at \$2,908,592 in 1897. The next year it resumed an upward trend until it reached an all-time peak in 1900 of 164,274,762 pounds, valued at \$7,228,090. The trend from that year to the present was generally downward, with wide variations. In 1932 the output was 4,299,000 pounds, valued at \$128,970, the minimum for any year since 1877. There was a slight recovery in 1933 to 4,800,000 pounds, valued at \$177,711 and a pronounced increase in 1934 to 8,435,000 pounds, valued at \$312,095. There was a further gain in 1935 to 11,345,000 pounds, valued at \$453,800. In 1936 there was another substantial increase when the output went to 14,534,000 pounds, valued at \$668,564. A pronounced increase occurred in 1937 when the total was 19,572,000 pounds, valued at \$1,154,748. There were decreases in 1938 and 1939, the output in the last named year being 16,444,000 pounds, valued at \$772,868. In 1940 and 1941 there were substantial increases, the output in the last named year being 25,148,000 pounds, valued at \$1,433,436.

Lead-mining enterprises produced in 1929, as shown by census reports, 29.4 per cent of all the gold, silver, copper, lead and zinc mined in the state in that year. Their output included 5.3 per cent of the gold, 27.9 per cent of the silver, 14.7 per cent of the copper, 65.1 per cent of the lead and 53.9 per cent of the zinc produced in that year by the five types of enterprises.

The total production of lead in the state from 1869 to 1941, inclusive, was 4,753,782,583 pounds, valued at \$224,695,713. Lead generally has ranked third in value in the output of metals in the state, but for the past few years it has taken fourth place. In 1924 it was exceeded in value only by gold.

Of the cumulative production of lead through 1941, Lake county ranked first with an output of 2,038,812,561 pounds or 42.9 per cent of the total; Pitkin county ranked second with 585,110,579 pounds or 12.3 per cent, and San Juan county ranked third with 483,506,595 pounds or 10.2 per cent of the total.

Twenty-one counties reported lead production in 1941, of which four had an output of less than \$5,000 in value. Of the value for the state San Juan county produced \$350,265 or 24.4 per cent; Dolores county \$288,078 or 20.1 per cent; and Eagle county \$194,940 or 13.6 per cent.

Colorado ranked eighth among the states of the Union in lead production in 1940, being exceeded by Arizona, Idaho, Montana, Utah, Kansas, Missouri and Oklahoma

## ZINC

The commercial production of zinc began in Colorado in 1885, in which year the state produced 100,000 pounds, valued at \$4,300. The annual output did not go above 300,000 pounds until 1892, when it jumped to 1,125,000 pounds, valued at \$51,750. Production did not vary to any great extent thereafter until 1897, when it more than doubled, and two years later, in 1899, it jumped to 11,300,656 pounds, valued at \$655,438. That year was the beginning of a period of large production which culminated in a peak for all time of 134,285,463 pounds, valued at \$17,994,252, in 1916. Following the world war there was a rapid decline to 2,360,000 pounds, valued at \$118,000, in 1921. Production then began another increase and went to 72,518,000 pounds, valued at \$3,480,864, in 1930. In 1931 the output was 32,373,000 pounds, valued at \$1,230,174, and in 1932 it dropped to 218,000 pounds, valued at \$6,540, the lowest in a period of 45 years. There were no pronounced changes in subsequent years until 1940 when it jumped to 10,120,000 pounds, valued at \$637,560. The production in 1941 trebled to 31,444,000 pounds, valued at \$2,358,300.

In the 57 years ending with 1941 in which the state has produced zinc, the aggregate output was 2,302,027,985 pounds, valued at \$161,586,696. Twenty-one counties contributed to this production. In that period Lake county ranked first with an output of 1,394,396,034 pounds or 60.6 per cent; Eagle county ranked second with 295,822,129 pounds or 12.9 per cent, and San Juan county ranked third with 223,611,684 pounds or 9.7 per cent.

One of the largest zinc mines in the world is the Empire Zinc company's Eagle mine at Gilman, in Eagle county, in which the operators have been opening and developing ore bodies since 1912 and from which it has been carrying on some regular production. The company has a 600 ton flotation mill built on a site cut out of solid granite in the face of Eagle canon, and therefore is mostly underground. This property ships copper-iron-silver-gold ore, being one of the unique mines of the world in the variety of minerals produced.

In 1941 zinc was produced in 15 counties, the total production being 31,444,000 pounds valued at \$2,358,300. Eagle county ranked first with an output of 21,760,000 pounds or 69.2 per cent; Dolores county second with 6,008,000 pounds or 19.1 per cent; and San Juan county third with 1,680,000 pounds or 5.3 per cent of the state's total.

**MOLYBDENUM**

Colorado ranks first among the states of the Union and the United States ranks first among the countries of the world in the production of molybdenum, a rare metal used extensively in the manufacture of special steels. One molybdenum mine in Colorado carries on the largest mining operation of any kind in the state and is the largest producer of molybdenum in the world. It is located at Climax, 13 miles north of Leadville, and is operated by the Climax Molybdenum company. It has a rated milling capacity of 12,000 tons of ore daily and in 1939 it produced 72 per cent of the domestic output and 66 per cent of the world output. In turn, the United States in that year produced 92 per cent of the world's output.

Molybdenum production in Colorado in 1938 stepped into second place in the state's output of minerals, being exceeded only by coal, and relegating gold to third place the first time in the state's history. In 1939 it went ahead of coal and took first place.

The estimated value of Colorado's production of molybdenum to the end of 1940 is \$103,911,000.

Molybdenum, chiefly in the form of calcium molybdate, is used extensively in the manufacture of special steels for aircraft and automobiles, for fabrication into bearings, steel castings and in corrosion and high-temperature resisting alloys for many purposes. Next to steel, radio tubes constitute the largest outlet for molybdenum. A very large quantity of the metal is used in the manufacture of wire for the radio industry. A substantial quantity is consumed in the manufacture of chemicals and dyes. The Colorado output comes almost altogether from the properties of the Climax company in Lake county.

The known ore reserves in this deposit amount to more than 100,000,000 tons. As only part of the area has been developed and none of it to any great depth, there can be no doubt that much ore in addition to that now known will be found. The Colorado supply is estimated to be sufficiently large to meet the world demand for 200 years.

The production of molybdenum is comparatively a new development. In 1913 there was little production in the United States and from 3 to 10 tons were imported annually. One of the reasons given why the steel industry was not interested was a lack of knowledge that an adequate supply was available. In that year, possibly

as a forerunner of the world war, the demand for molybdenum suddenly increased in Europe and in 1914 a small quantity was publicly reported in the mineral resources of the United States. The Climax company produced a small quantity in 1915 and 1916, and none in 1917. Production ceased in 1920, 1921, 1922 and 1923.

Production in Colorado and the United States of metallic molybdenum in concentrates in pounds, by years, as reported by the bureau of mines and other authorities, is as follows:

| Year      | Colo.      | U. S.      |
|-----------|------------|------------|
| 1918..... | 342,200    | 861,637    |
| 1919..... | 152,648    | 297,926    |
| 1920..... | .....      | 34,900     |
| 1921..... | .....      | .....      |
| 1922..... | .....      | .....      |
| 1923..... | .....      | 22,667     |
| 1924..... | 156,935    | 297,174    |
| 1925..... | 821,757    | 1,154,050  |
| 1926..... | 1,057,367  | 1,371,000  |
| 1927..... | 1,858,228  | 2,286,075  |
| 1928..... | 2,957,845  | 3,329,214  |
| 1929..... | 3,529,295  | 3,904,648  |
| 1930..... | 3,083,000  | 3,721,648  |
| 1931..... | 2,644,399  | 3,132,836  |
| 1932..... | 1,913,395  | 2,431,673  |
| 1933..... | 5,028,695  | 5,682,000  |
| 1934..... | 8,378,683  | 9,362,000  |
| 1935..... | 10,168,635 | 11,512,000 |
| 1936..... | 15,216,806 | 17,186,000 |
| 1937..... | 22,750,368 | 29,419,000 |
| 1938..... | 28,242,085 | 33,297,000 |
| 1939..... | 21,796,116 | 30,324,000 |
| 1940..... | 22,782,608 | 34,313,000 |

**TUNGSTEN**

The production of tungsten in Colorado began in 1904 and a few years later the state became known as one of the principal sources of supply for that metal. In its report on mining progress in 1906 the United States bureau of mines said that experiments under way for some time resulted that year in the "producing of a remarkable incandescent lamp, the filament of which is made of metallic tungsten." The Netherlands district in Boulder county supplied most of the state's output of tungsten and the development of the tungsten lamp, along with other uses for the metal, soon brought about a rapid development of the industry. The peak was reached in 1916 in value, with an output of \$4,666,301, and in 1917 in quantity, when 2,707 short tons of concentrates were produced. In the last-named year the value of Colorado's production was 44.1 per cent of the total for the United States. In 1929 the state's proportion was 18.3 per cent. Production began a decline due to the importation of wolframite ore, from which tungsten is obtained, from China in 1919. Production ceased altogether in 1921 and 1922 and on September 22, 1922, a duty of 200 per cent was imposed to protect the industry. Pro-

duction was resumed the following year. No production in the state was reported in 1932. In 1940 Colorado ranked third among the states in quantity and value, its shipments being 23.6 per cent of the total for the United States. It was exceeded only by California and Nevada.

The production of tungsten ore (60 per cent concentrates) and value, for Colorado, by years, is as follows:

| Year      | Short Tons | Value      |
|-----------|------------|------------|
| 1907..... | (a)        | \$ 573,643 |
| 1908..... | (a)        | 204,465    |
| 1909..... | (a)        | 391,160    |
| 1910..... | 1,221      | 535,567    |
| 1911..... | 730        | 234,513    |
| 1912..... | 812        | 297,533    |
| 1913..... | 952        | 428,760    |
| 1914..... | 467        | 182,013    |
| 1915..... | 963        | 2,311,200  |
| 1916..... | 2,401      | 4,666,301  |
| 1917..... | 2,707      | 2,994,000  |
| 1918..... | 1,910      | 2,595,800  |
| 1919..... | 130        | 78,334     |
| 1920..... | 216        | 101,800    |
| 1921..... | ...        | .....      |
| 1922..... | ...        | .....      |
| 1923..... | 241        | 144,000    |
| 1924..... | (a)        | (a)        |
| 1925..... | 201        | (a)        |
| 1926..... | 232        | 148,200    |
| 1927..... | 332        | 209,007    |
| 1928..... | 229        | 149,423    |
| 1929..... | 152        | 124,416    |
| 1930..... | 47         | 37,050     |
| 1931..... | 98         | 73,563     |
| 1932..... | ...        | .....      |
| 1933..... | 86         | 49,371     |
| 1934..... | 342        | 298,063    |
| 1935..... | 390        | 312,780    |
| 1936..... | 180        | 154,431    |
| 1937..... | 219        | 246,260    |
| 1938..... | 240        | 249,020    |
| 1939..... | 479        | 488,628    |

(a) Not reported.

### VANADIUM

The production of vanadium in the United States centers principally in Colorado, Utah and Arizona. Practically all of the recovery from carnotite ore took place in western Colorado and southeastern Utah, from vanadium ore in Colorado and Arizona, and from complex ores in Arizona.

Colorado ranks first among the states of the Union in the production of vanadium, measured in terms of shipments, the total for this state in 1940 being 1,953,293 pounds as against 2,090,601 pounds for the United States and 2,224,696 pounds for the world. Colorado's proportion was 93.4 per cent of the total for the United States and 87.7 per cent of the world output. Colorado produced 1,755,489 pounds or 88.5 per cent of the country's output in 1939. These figures are from the reports of the United States bureau of mines.

Vanadium is a rare metal used principally as an alloy in toughening steel and iron and enters extensively into

the manufacture of automobiles and machinery requiring great durability. It is also employed in the form of ammonia meta-vanadate as a catalyst in the manufacture of sulphuric acid.

Vanadium is not classed as a strategic metal, but as a useful metal in special alloy steel it is included among materials vital to defense, and was placed under the export licensing system by the President on July 2, 1940.

The world output of vanadium practically ceased during 1933 and 1934, following the depression, but recovery was in full swing in 1936. Late in 1936 the United States Vanadium corporation resumed production in western Colorado following the completion of a 125-ton mill and roasting plant, together with an office building and model town, Uravan, Colorado. This plant subsequently was enlarged to a capacity of 260 tons a day. It is rated as the largest in the world. A new mill also was put into operation near Gateway, in Mesa county, by Gateway Alloys, Inc., in October, 1939, and in 1940 the United States Vanadium corporation reopened its property at Naturita, Colorado, which had been idle since 1920.

A new mill to handle vanadium ores was placed in operation at Durango in 1942 which will further improve Colorado's relative position in production.

In order to provide accommodations for workmen engaged in the production of vanadium, the United States Housing Authority late in 1942 authorized the construction of housing units at Rifle, Naturita and Uravan. The project at Rifle will consist of 44 units on a 10-acre site purchased by the Vanadium Corporation of America for that purpose. At Naturita the project will consist of 44 units two and one-half miles below the town on a 5-acre tract where the company originally began construction of housing facilities. The other project at Uravan will include 42 housing units on 4.8 acres owned by the operating corporation. The Rifle project will be supplied with water by the municipality and the domestic supply for the other two will be furnished by the operators. In all instances the housing consists of one, two and three-unit buildings.

In order further to facilitate the production of the mineral the highway systems connecting the mines and terminal points are being improved. This work is under the supervision of the state highway department. While war conditions have stimulated the demand for vanadium, the industry is expected to be a permanent mineral development of the first importance.

**VALUE OF ALL MINERALS PRODUCED IN COLORADO BY YEARS FROM 1905 TO 1939, INCLUSIVE**

(Source: U. S. Bureau of Mines)

| YEAR              | Gold, silver, copper, lead and zinc |                  | All other minerals |                  | Total value all mineral production |
|-------------------|-------------------------------------|------------------|--------------------|------------------|------------------------------------|
|                   | Value                               | Per ct. of total | Value              | Per ct. of total |                                    |
| 1905.....         | \$ 44,699,700                       | 75.4             | \$ 14,581,244      | 24.6             | \$ 59,280,944                      |
| 1906.....         | 43,899,199                          | 62.9             | 25,935,382         | 37.1             | 69,834,581                         |
| 1907.....         | 39,466,900                          | 55.5             | 31,638,228         | 44.5             | 71,105,128                         |
| 1908.....         | 32,718,573                          | 55.8             | 25,910,914         | 44.2             | 58,629,487                         |
| 1909.....         | 33,901,891                          | 57.3             | 25,288,533         | 42.7             | 59,190,424                         |
| 1910.....         | 33,671,502                          | 55.8             | 26,686,213         | 44.2             | 60,357,715                         |
| 1911.....         | 32,418,218                          | 61.7             | 20,104,198         | 38.3             | 52,522,416                         |
| 1912.....         | 37,320,966                          | 64.1             | 20,846,433         | 35.9             | 58,167,399                         |
| 1913.....         | 35,450,585                          | 65.3             | 18,843,696         | 34.7             | 54,294,281                         |
| 1914.....         | 33,460,126                          | 64.1             | 18,701,534         | 35.9             | 52,161,660                         |
| 1915.....         | 46,426,697                          | 72.2             | 17,868,422         | 27.8             | 64,295,119                         |
| 1916.....         | 49,200,697                          | 63.3             | 28,442,081         | 36.7             | 77,642,778                         |
| 1917.....         | 42,084,668                          | 52.4             | 38,211,550         | 47.6             | 80,296,218                         |
| 1918.....         | 34,160,172                          | 43.2             | 44,843,756         | 56.8             | 79,003,928                         |
| 1919.....         | 21,679,614                          | 36.1             | 38,250,665         | 63.9             | 59,930,279                         |
| 1920.....         | 21,898,974                          | 28.8             | 54,138,922         | 71.2             | 76,037,896                         |
| 1921.....         | 14,005,500                          | 26.0             | 40,039,556         | 74.0             | 54,045,056                         |
| 1922.....         | 15,301,698                          | 27.9             | 39,504,579         | 72.1             | 54,806,277                         |
| 1923.....         | 18,471,590                          | 30.1             | 42,907,556         | 69.9             | 61,379,146                         |
| 1924.....         | 18,620,796                          | 30.3             | 42,867,086         | 69.7             | 61,487,882                         |
| 1925.....         | 20,851,267                          | 33.0             | 42,297,692         | 67.0             | 63,148,959                         |
| 1926.....         | 20,883,968                          | 31.8             | 44,713,519         | 68.2             | 65,597,487                         |
| 1927.....         | 16,965,162                          | 28.8             | 41,890,101         | 71.2             | 58,855,263                         |
| 1928.....         | 16,375,355                          | 27.9             | 42,219,333         | 72.1             | 58,594,688                         |
| 1929.....         | 15,293,343                          | 27.6             | 40,038,568         | 72.4             | 55,331,911                         |
| 1930.....         | 13,265,701                          | 28.7             | 33,004,844         | 71.3             | 46,270,545                         |
| 1931.....         | 7,942,154                           | 24.1             | 25,028,076         | 75.9             | 32,970,230                         |
| 1932.....         | 7,698,373                           | 29.8             | 18,101,854         | 70.2             | 25,800,227                         |
| 1933.....         | 7,786,122                           | 28.6             | 19,472,973         | 71.4             | 27,259,095                         |
| 1934.....         | 14,884,969                          | 37.3             | 24,588,154         | 62.7             | 39,473,123                         |
| 1935.....         | 17,375,938                          | 39.1             | 27,037,539         | 60.9             | 44,413,477                         |
| 1936.....         | 19,819,869                          | 35.3             | 36,394,958         | 64.7             | 56,214,827                         |
| 1937.....         | 22,107,207                          | 32.8             | 45,231,341         | 67.2             | 67,338,548                         |
| 1938.....         | 22,073,663                          | 36.6             | 38,295,777         | 63.4             | 60,369,440                         |
| 1939.....         | 22,319,041                          | 34.8             | 41,752,580         | 65.2             | 64,071,621                         |
| Total (35 yrs.).. | \$894,500,198                       | 44.1             | \$1,135,677,857    | 55.9             | \$2,030,178,055                    |

MINERAL PRODUCTION OF COLORADO, 1935 TO 1939, INCLUSIVE

(Source: U. S. Bureau of Mines)

| PRODUCT   | 1939       |             | 1938       |             | 1937       |             | 1936       |             | 1935       |             |
|---|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
|   | Quantity   | Value       |
| Arsenious oxide.....Short tons                        | (1)        | (1)         | (1)        | (1)         |            |             |            |             |            |             |
| Barite.....do   | (2)        | (2)         |            |             |            |             |            |             | (2 7)      | (2)         |
| Briquets, fuel.....do                                 |            |             |            |             |            |             |            |             | (2)        | (2)         |
| Cement.....Barrels                                    |            |             |            |             |            |             |            |             |            |             |
| Clay products.....do                                  |            | \$1,687,568 |            | \$1,170,874 |            | \$1,446,433 |            | \$1,268,257 |            | \$1,393,049 |
| Clay, raw.....Short tons                              | 128,391    | 150,803     | 102,817    | 114,927     | 125,018    | 152,503     | 107,814    | 126,210     | 56,369     | 68,895      |
| Coal.....do   | 5,890,000  | 914,548,000 | 4,663,144  | 914,828,000 | 47,187,211 | 518,327,000 | 6,811,802  | 416,277,000 | 5,910,511  | 13,675,000  |
| Coke.....do   | 454,869    | (2 7)       | 241,526    | (2 7)       | 511,167    | (2 7)       | 398,634    | (2 7)       | 256,110    | (2 7)       |
| Copper.....Pounds                                     | 26,430,000 | 2,748,720   | 28,342,000 | 2,777,516   | 21,868,000 | 2,646,028   | 17,730,000 | 1,631,160   | 14,654,000 | 1,216,282   |
| Feldspar (crude).....Long tons                        | 29,995     | 107,536     | 27,452     | 104,673     | 42,221     | 178,148     | 25,806     | 101,950     | 22,275     | 64,151      |
| Ferro-alloys.....do                                   | (2 7)      | (2 7)       | (2 7)      | (2 7)       | (2 7)      | (2 7)       |            |             | (2 7)      | (2 7)       |
| Fluorspar.....Short tons                              | 7,569      | 107,459     | 1,704      | (2)         | 7,883      | 98,493      | 9,412      | (2)         | 6,978      | (2)         |
| Fuller's earth.....do                                 | (2)        | (2)         | (2)        | (2)         | (2)        | (2)         | (2)        | (2)         | (2)        | (2)         |
| Gems and precious stones.....do                       |            | (8)         |            | (8)         |            | (8)         |            | (8)         |            | (8)         |
| Gold <sup>2</sup> .....Troy ounces                    | 366,852    | 12,839,820  | 367,468    | 12,861,380  | 368,905    | 12,911,675  | 366,607    | 12,831,245  | 349,281    | 12,224,828  |
| Gypsum (crude).....Short tons                         | 24,013     | 40,694      | 21,591     | 41,080      | 128,586    | 1350,034    | 127,424    | (2 5)       | 17,610     | (2)         |
| Iron, pig.....Long tons                               | (2 7)      | (2 7)       | (2 7)      | (2 7)       | (2 7)      | (2 7)       | (2 7)      | (2 7)       | (2 7)      | (2 7)       |
| Lead.....Short tons                                   | 8,222      | 772,868     | 9,455      | 869,860     | 9,786      | 1,154,748   | 7,267      | 668,564     | 5,673      | 453,800     |
| Lime.....do   | 10,699     | 103,097     | 9,564      | 95,207      | 7,163      | 72,831      | (2)        | (2)         | (2)        | (2)         |
| Manganiferous ore.....Long tons                       | 7,516      | (2)         | 655        | (2)         | 11,577     | 59,385      | 10,568     | (2)         | 2,681      | (2)         |
| Mica:   |            |             |            |             |            |             |            |             |            |             |
| Scrap.....Short tons                                  | (2)        | (2)         | 870        | 9,842       | (2)        | (2)         | (2)        | (2)         | (2)        | (2)         |
| Sheet.....Pounds                                      |            |             |            |             | (2)        | (2)         |            |             | (2)        | (2)         |
| Mineral paints, zinc and lead pigments.....Short tons |            |             |            |             |            |             |            |             |            |             |
| Mineral waters.....Gallons sold                       | (8)        | (8)         | (8)        | (8)         | (8)        | (8)         | (8)        | (8)         | (2 7)      | (2 7)       |
| Molybdenum.....Pounds                                 | 25,437,893 | 467,000     | 20,763,881 | 464,000     | 23,566,481 | 673,000     | 16,001,816 | 807,000     | 9,558,120  | 646,000     |
| Natural gas.....M cubic feet                          | 2,015,000  | 467,000     | 1,904,000  | 464,000     | 3,186,000  | 673,000     | 3,687,000  | 807,000     | 2,843,000  | 646,000     |
| Natural gasoline.....Gallons                          | 390,000    | 13,000      | 386,000    | 10,000      | 404,000    | 16,000      | 451,000    | 18,000      | 417,000    | 15,000      |



MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO BY YEARS—1858-1941  
(Source: U. S. Bureau of Mines)

| YEAR    | GOLD          |             | SILVER     |            | COPPER    |             | LEAD      |        | ZINC  |        | Total Value   |
|---------|---------------|-------------|------------|------------|-----------|-------------|-----------|--------|-------|--------|---------------|
|         | Total Value   | Fine Ounces | Value      | Pounds     | Value     | Pounds      | Value     | Pounds | Value | Pounds |               |
| 1858-67 | \$ 25,021,784 | 302,829     | \$ 406,139 | .....      | .....     | .....       | .....     | .....  | ..... | .....  | \$ 25,427,923 |
| 1868    | 2,010,000     | 200,716     | 266,150    | 50,000     | \$ 11,510 | .....       | .....     | .....  | ..... | .....  | 2,287,650     |
| 1869    | 3,180,000     | 475,472     | 630,000    | 102,000    | 24,725    | 150,000     | \$ 1,000  | .....  | ..... | .....  | 3,643,735     |
| 1870    | 3,015,000     | 496,988     | 860,000    | 182,500    | 38,654    | 38,654      | 15,000    | .....  | ..... | .....  | 3,728,654     |
| 1871    | 3,633,951     | 776,648     | 1,029,059  | 203,000    | 44,140    | 555,000     | .....     | .....  | ..... | .....  | 4,140,460     |
| 1872    | 2,646,463     | 1,524,206   | 2,015,000  | 204,000    | 72,542    | 1,150,000   | 73,600    | .....  | ..... | .....  | 4,807,605     |
| 1873    | 2,018,931     | 1,543,047   | 1,011,331  | 379,433    | 106,258   | 1,236,400   | 74,184    | .....  | ..... | .....  | 5,500,718     |
| 1874    | 2,152,487     | 2,348,174   | 3,000,966  | 475,541    | 104,619   | 1,277,333   | 76,676    | .....  | ..... | .....  | 5,334,748     |
| 1875    | 2,224,568     | 2,330,291   | 2,889,560  | 280,815    | 63,745    | 1,636,000   | 94,888    | .....  | ..... | .....  | 5,312,701     |
| 1876    | 2,726,311     | 2,564,403   | 2,374,707  | 333,333    | 70,000    | 1,334,020   | 81,375    | .....  | ..... | .....  | 5,852,333     |
| 1877    | 3,148,708     | 2,882,121   | 3,458,546  | 493,664    | 83,796    | 4,286,364   | 235,750   | .....  | ..... | .....  | 6,936,800     |
| 1878    | 3,240,348     | 4,622,961   | 5,373,904  | 536,145    | 89,000    | 13,722,222  | 494,000   | .....  | ..... | .....  | 9,197,252     |
| 1879    | 3,193,500     | 11,899,335  | 13,327,257 | 704,301    | 131,000   | 47,348,000  | 1,941,268 | .....  | ..... | .....  | 18,593,025    |
| 1880    | 3,251,514     | 14,397,539  | 16,557,170 | 859,000    | 183,826   | 71,348,000  | 3,567,400 | .....  | ..... | .....  | 23,560,915    |
| 1881    | 3,300,000     | 13,272,188  | 14,997,572 | 884,000    | 160,888   | 81,094,000  | 3,892,512 | .....  | ..... | .....  | 22,350,972    |
| 1882    | 3,360,000     | 12,761,719  | 14,548,359 | 1,494,000  | 285,354   | 110,000,000 | 5,390,000 | .....  | ..... | .....  | 23,583,713    |
| 1883    | 4,000,000     | 13,434,610  | 14,429,377 | 1,752,622  | 190,188   | 141,114,000 | 6,067,902 | .....  | ..... | .....  | 25,370,507    |
| 1884    | 4,300,000     | 12,376,000  | 13,736,251 | 2,013,925  | 263,706   | 196,330,000 | 4,874,202 | .....  | ..... | .....  | 23,972,166    |
| 1885    | 4,238,425     | 12,220,982  | 13,076,431 | 1,746,460  | 123,818   | 106,632,000 | 4,460,989 | .....  | ..... | .....  | 21,568,983    |
| 1886    | 4,456,000     | 12,375,000  | 12,251,250 | 1,146,460  | 127,257   | 118,000,000 | 5,428,000 | .....  | ..... | .....  | 22,260,907    |
| 1887    | 4,000,000     | 11,601,563  | 11,369,584 | 2,012,027  | 277,660   | 126,000,000 | 5,670,000 | .....  | ..... | .....  | 21,221,794    |
| 1888    | 3,788,099     | 14,695,313  | 13,813,596 | 1,621,100  | 272,345   | 128,404,000 | 5,649,777 | .....  | ..... | .....  | 23,508,517    |
| 1889    | 3,833,859     | 18,375,136  | 17,372,629 | 1,170,053  | 157,356   | 133,940,000 | 5,233,660 | .....  | ..... | .....  | 25,553,104    |
| 1890    | 4,151,132     | 18,000,000  | 19,740,000 | 3,585,691  | 559,368   | 109,132,000 | 4,913,639 | .....  | ..... | .....  | 29,380,639    |
| 1891    | 4,600,000     | 21,166,000  | 20,348,401 | 6,336,868  | 811,121   | 126,256,000 | 5,429,009 | .....  | ..... | .....  | 31,803,531    |
| 1892    | 5,300,000     | 24,000,000  | 20,880,000 | 7,593,674  | 880,866   | 120,000,000 | 4,800,001 | .....  | ..... | .....  | 31,912,617    |
| 1893    | 7,527,000     | 25,838,600  | 20,154,107 | 7,695,826  | 831,149   | 110,000,000 | 4,070,000 | .....  | ..... | .....  | 32,648,256    |
| 1894    | 9,451,514     | 23,811,398  | 14,667,231 | 6,481,413  | 615,734   | 101,226,000 | 3,340,458 | .....  | ..... | .....  | 38,167,487    |
| 1895    | 13,305,100    | 23,398,500  | 15,209,034 | 6,022,143  | 650,479   | 93,968,000  | 3,006,976 | .....  | ..... | .....  | 32,231,735    |
| 1896    | 14,911,000    | 22,573,000  | 15,349,642 | 6,729,276  | 650,395   | 89,606,000  | 2,688,178 | .....  | ..... | .....  | 33,649,603    |
| 1897    | 19,579,433    | 21,778,202  | 12,766,919 | 9,449,967  | 1,097,995 | 80,794,286  | 2,908,592 | .....  | ..... | .....  | 36,462,983    |
| 1898    | 23,534,532    | 23,502,601  | 13,866,532 | 10,370,701 | 1,347,365 | 113,416,138 | 3,900,656 | .....  | ..... | .....  | 43,238,372    |
| 1899    | 26,508,675    | 23,114,688  | 13,868,811 | 7,356,970  | 1,258,041 | 138,048,446 | 6,212,178 | .....  | ..... | .....  | 48,503,743    |
| 1900    | 28,782,036    | 20,336,512  | 12,608,638 | 7,826,815  | 1,299,251 | 164,274,762 | 7,238,090 | .....  | ..... | .....  | 50,614,425    |
| 1901    | 27,679,443    | 18,492,563  | 11,095,538 | 7,372,529  | 1,314,712 | 148,111,020 | 6,368,772 | .....  | ..... | .....  | 47,559,058    |

|        |               |             |               |              |               |               |               |               |                 |
|--------|---------------|-------------|---------------|--------------|---------------|---------------|---------------|---------------|-----------------|
| 1902   | 28,516,914    | 8,449,008   | 8,463,938     | 1,132,601    | 106,296,827   | 4,358,169     | 52,582,510    | 2,523,963     | 44,980,655      |
| 1903   | 12,245,357    | 7,152,536   | 7,809,920     | 1,069,958    | 101,513,414   | 4,262,566     | 80,616,000    | 3,405,263     | 38,444,680      |
| 1904   | 24,242,480    | 7,617,360   | 9,412,707     | 1,204,828    | 107,439,854   | 4,623,453     | 66,771,590    | 3,405,336     | 40,992,379      |
| 1905   | 22,995,222    | 12,339,435  | 7,527,056     | 1,507,201    | 115,746,777   | 5,440,098     | 83,561,396    | 3,400,123     | 43,669,199      |
| 1906   | 22,905,671    | 12,339,052  | 8,390,553     | 1,277,338    | 106,646,506   | 6,078,850     | 86,012,303    | 5,246,787     | 43,899,199      |
| 1907   | 20,307,648    | 11,599,514  | 7,655,679     | 1,765,251    | 89,065,232    | 4,720,457     | 85,048,564    | 5,017,865     | 39,466,000      |
| 1908   | 21,593,871    | 9,002,316   | 4,771,237     | 1,346,547    | 91,645,721    | 3,589,138     | 20,330,000    | 2,746,310     | 32,718,373      |
| 1909   | 21,984,008    | 8,907,424   | 4,634,344     | 1,439,551    | 72,362,725    | 3,102,950     | 51,221,200    | 2,763,334     | 33,901,891      |
| 1910   | 20,503,914    | 8,508,332   | 4,584,829     | 1,091,632    | 76,038,715    | 3,446,586     | 47,083,948    | 4,102,841     | 33,671,802      |
| 1911   | 13,001,375    | 7,330,108   | 3,584,389     | 1,003,061    | 69,1619,283   | 3,135,588     | 94,607,456    | 5,332,625     | 32,418,218      |
| 1912   | 18,568,562    | 8,212,070   | 5,050,423     | 7107,303     | 75,242,267    | 3,885,902     | 132,222,812   | 9,133,374     | 37,320,966      |
| 1913   | 18,146,916    | 9,325,255   | 5,632,454     | 7,227,826    | 87,897,773    | 3,867,502     | 119,346,329   | 6,683,400     | 35,450,585      |
| 1914   | 19,883,405    | 8,796,065   | 4,864,224     | 6,639,173    | 74,211,788    | 2,894,294     | 96,774,360    | 4,935,523     | 33,460,126      |
| 1915   | 22,414,744    | 7,027,942   | 3,563,182     | 7,112,537    | 68,810,597    | 3,234,098     | 104,594,934   | 12,669,779    | 43,426,697      |
| 1916   | 19,153,821    | 7,656,534   | 5,038,006     | 8,624,081    | 70,914,087    | 4,893,072     | 134,285,463   | 17,994,252    | 49,200,475      |
| 1917   | 15,729,224    | 7,304,353   | 6,018,787     | 2,217,307    | 67,990,012    | 5,847,141     | 130,315,775   | 12,272,209    | 42,084,668      |
| 1918   | 12,751,718    | 7,063,554   | 7,067,332     | 1,550,501    | 65,960,760    | 4,683,214     | 89,133,901    | 8,111,185     | 34,160,172      |
| 1919   | 9,886,627     | 5,758,010   | 3,560,207     | 632,198      | 37,070,241    | 1,964,732     | 37,220,493    | 2,717,096     | 21,679,614      |
| 1920   | 7,576,319     | 5,409,335   | 5,896,175     | 4,043,734    | 46,829,788    | 3,730,383     | 48,790,742    | 3,922,050     | 21,898,974      |
| 1921   | 6,835,328     | 5,631,657   | 4,153,442     | 5,357,94     | 19,660,466    | 884,731       | 2,360,000     | 118,000       | 14,005,500      |
| 1922   | 6,373,419     | 5,855,911   | 3,373,454     | 4,554,416    | 23,477,200    | 1,291,246     | 23,258,000    | 1,235,705     | 15,301,698      |
| 1923   | 6,591,620     | 4,373,280   | 4,248,109     | 694,472      | 47,698,185    | 3,198,332     | 24,175,000    | 3,629,230     | 18,471,800      |
| 1924   | 9,593,116     | 3,254,740   | 2,715,219     | 3,557,085    | 47,557,061    | 2,804,565     | 56,727,000    | 3,662,255     | 18,620,736      |
| 1925   | 7,227,422     | 2,127,816   | 2,366,600     | 3,251,191    | 62,366,000    | 2,478,032     | 61,621,000    | 4,682,196     | 20,851,267      |
| 1926   | 7,078,933     | 4,704,122   | 2,935,372     | 3,403,850    | 63,387,800    | 5,519,034     | 65,000,000    | 4,815,000     | 20,883,968      |
| 1927   | 5,279,118     | 3,784,605   | 2,145,871     | 5,670,581    | 73,284,846    | 4,206,671     | 71,729,000    | 4,590,656     | 16,965,162      |
| 1928   | 5,304,876     | 4,052,233   | 2,370,568     | 1,237,629    | 53,601,723    | 3,103,100     | 71,462,000    | 4,359,182     | 16,375,355      |
| 1929   | 4,417,358     | 4,397,177   | 2,343,802     | 8,905,074    | 43,889,906    | 3,080,064     | 58,861,000    | 3,884,826     | 15,293,343      |
| 1930   | 4,517,619     | 4,382,852   | 1,687,398     | 1,366,820    | 44,260,000    | 2,213,000     | 72,518,000    | 2,265,701     | 13,265,701      |
| 1931   | 4,822,731     | 6,867,815   | 8,165,000     | 7,433,015    | 13,768,000    | 509,416       | 32,373,000    | 1,230,864     | 7,942,154       |
| 1932   | 6,572,154     | 1,860,408   | 524,635       | 4,664,074    | 4,299,000     | 128,970       | 218,000       | 6,540         | 7,698,373       |
| 1933   | 6,206,676     | 2,186,140   | 7,65,149      | 618,688      | 4,303,000     | 177,711       | 2,569,000     | 107,898       | 7,876,432       |
| 1934   | 11,356,070    | 3,475,661   | 2,246,822     | 11,294,000   | 8,435,000     | 312,995       | 1,544,000     | 66,392        | 14,884,969      |
| 1935   | 12,224,828    | 4,696,064   | 3,375,296     | 1,216,282    | 11,345,000    | 453,800       | 2,403,000     | 195,732       | 17,375,838      |
| 1936   | 12,831,345    | 5,902,776   | 4,571,700     | 1,631,160    | 14,534,000    | 668,564       | 2,344,000     | 117,200       | 19,810,869      |
| 1937   | 12,911,675    | 6,260,693   | 4,842,646     | 2,646,028    | 19,572,000    | 1,154,748     | 8,494,000     | 552,110       | 22,107,207      |
| 1938   | 12,861,380    | 7,932,090   | 5,137,819     | 2,777,516    | 18,010,000    | 869,860       | 9,106,000     | 437,088       | 22,073,663      |
| 1939   | 12,839,820    | 6,496,488   | 2,643,000     | 2,748,726    | 13,444,000    | 773,868       | 3,660,000     | 1,301,320     | 27,319,041      |
| 1940   | 12,856,760    | 6,710,407   | 2,430,000     | 2,746,352    | 22,952,000    | 1,147,600     | 10,120,000    | 637,560       | 24,293,665      |
| 1941   | 13,301,015    | 7,301,637   | 5,192,318     | 1,532,528    | 25,148,000    | 1,433,436     | 31,444,000    | 2,338,300     | 23,877,597      |
| Totals | \$834,263,389 | 717,950,564 | \$558,481,177 | \$64,499,199 | 4,753,782,583 | \$224,695,713 | 2,302,027,985 | \$161,586,696 | \$1,843,526,174 |

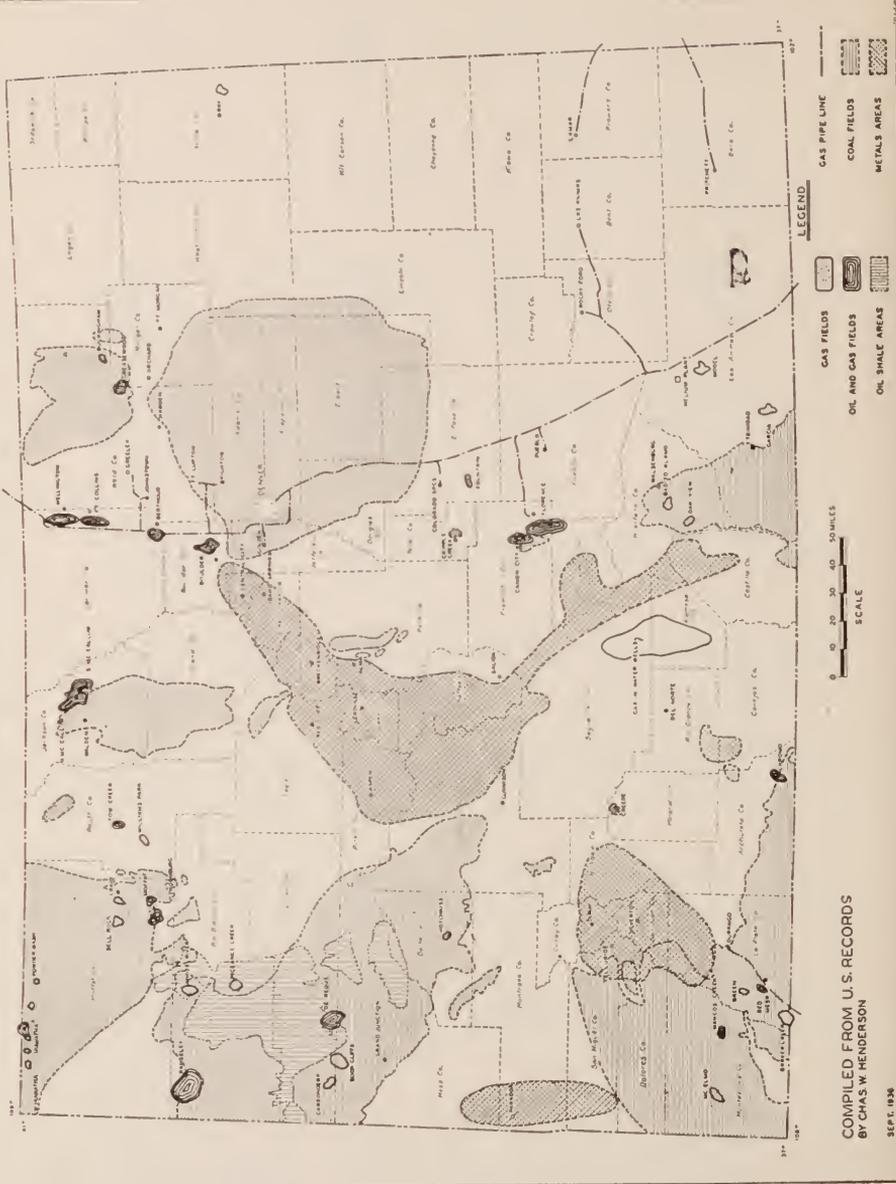
## TOTAL PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO, BY COUNTIES, TO THE END OF 1941

(Source: U. S. Bureau of Mines)

| Period    | County      | GOLD       |             | SILVER     |             | COPPER     |             | LEAD      |        | ZINC        |            | Total, Gold, Silver, Copper, Lead and Zinc Value |
|-----------|-------------|------------|-------------|------------|-------------|------------|-------------|-----------|--------|-------------|------------|--|
|           |             | Value      | Fine Ounces | Value      | Pounds      | Value      | Pounds      | Value     | Pounds | Value       | Pounds     |  |
| 1922-1941 | Adams       | \$ 68,164  | 363         | \$ 234     |             |            |             |           |        |             |            | \$ 68,398  |
| 1928-1934 | Alamosa     | 163        |             |            |             |            |             |           |        |             |            | 163  |
| 1858-1941 | Arapahoe    | 16,729     | 108         | 69         |             |            |             |           |        |             |            | 16,798   |
| 1897-1941 | Archuleta   | 2,819      | 552         | 338        |             |            |             | 800       | \$ 47  | 2,000       | \$ 130     | 3,334  |
| 1900-1917 | Baca        | 292        | 356         | 226        | 21,511      | \$ 4,441   |             |           |        |             |            | 4,959  |
| 1859-1941 | Boulder     | 23,727,828 | 8,625,979   | 7,988,194  | 1,617,055   | 218,229    | 8,267,558   | 451,380   |        | 11,000      | 825        | 32,386,456                                       |
| 1859-1941 | Chaffee     | 7,734,168  | 5,305,756   | 4,292,059  | 9,750,762   | 1,738,779  | 132,333,764 | 5,852,305 |        | 29,106,705  | 2,527,154  | 22,144,465                                       |
| 1859-1941 | Clear Creek | 31,226,004 | 59,802,662  | 53,663,631 | 13,873,819  | 2,137,240  | 187,846,519 | 8,647,125 |        | 31,670,221  | 2,293,782  | 97,972,782                                       |
| 1861-1941 | Conejos     | 39,306     | 57,026      | 34,074     | 4,815       | 797        | 3,400       | 149       |        |             |            | 74,326   |
| 1875-1941 | Costilla    | 47,237     | 2,737       | 1,607      | 1,827       | 239        | 54,048      | 2,030     |        | 8,000       | 600        | 51,713   |
| 1872-1941 | Custer      | 2,210,707  | 4,616,219   | 4,597,100  | 580,525     | 108,237    | 40,110,596  | 2,017,845 |        | 223,227     | 15,177     | 8,949,066  |
| 1894-1937 | Delta       | 5,662      | 412         | 215        |             |            | 400         | 15        |        |             |            | 5,892  |
| 1929-1941 | Denver      | 8,449      | 17          | 7          |             |            |             |           |        |             |            | 8,466  |
| 1879-1941 | Dolores     | 2,176,858  | 13,267,342  | 10,180,036 | 9,361,339   | 1,559,926  | 83,962,985  | 4,577,993 |        | 60,024,116  | 3,958,285  | 22,453,098                                       |
| 1858-1941 | Douglas     | 20,200     | 168         | 130        |             |            |             |           |        |             |            | 20,330   |
| 1879-1941 | Eagle       | 8,353,320  | 50,027,407  | 34,142,380 | 176,092,073 | 18,260,171 | 129,314,792 | 6,259,106 |        | 295,822,129 | 22,302,214 | 89,317,191                                       |
| 1926-1940 | Elbert      | 3,983      |             |            |             |            |             |           |        |             |            | 3,983  |
| 1913-1914 | El Paso     |            |             |            | 13,276      | 2,000      |             |           |        |             |            | 2,000  |
| 1881-1941 | Fremont     | 86,470     | 92,414      | 85,805     | 685,355     | 122,427    | 693,477     | 29,357    |        | 1,494,769   | 108,255    | 432,314  |
| 1885-1941 | Garfield    | 47,663     | 1,233       | 791        | 2,344       | 295        | 10,142      | 639       |        | 7,000       | 525        | 49,913   |
| 1859-1941 | Giipin      | 89,427,894 | 11,112,175  | 8,926,769  | 26,413,987  | 4,282,898  | 38,347,680  | 1,712,845 |        | 521,113     | 36,915     | 104,387,321                                      |
| 1896-1941 | Grand       | 14,558     | 9,227       | 6,725      | 5,171       | 805        | 12,345      | 663       |        |             |            | 22,736   |
| 1861-1941 | Gunnison    | 2,864,251  | 5,694,841   | 5,071,609  | 1,058,770   | 190,344    | 50,338,353  | 2,510,102 |        | 26,486,150  | 2,176,457  | 12,812,768                                       |
| 1875-1941 | Hinsdale    | 1,474,681  | 5,760,190   | 4,661,761  | 2,938,938   | 412,991    | 98,674,299  | 4,092,317 |        | 1,307,634   | 71,661     | 10,713,411                                       |
| 1875-1934 | Huerfano    | 3,606      | 1,176       | 698        | 92          | 11         | 1,067       | 38        |        |             |            | 4,353  |



SKETCH MAP OF  
MINERAL RESOURCES OF COLORADO



COMPILED FROM U. S. RECORDS  
BY CHAS. W. HENDERSON

SEPT. 1936

Courtesy of The Mines Magazine

**MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO, BY COUNTIES, IN 1941**

(In terms of recovered metals)

(Source: Chas. W. Henderson and A. J. Martin, U. S. Bureau of Mines)

| COUNTY        | Mines Pro-<br>ducing |        | *GOLD        |                | *SILVER     |            | †COPPER     |            | †LEAD       |            | †ZINC       |              | Total<br>Value |
|---------------|----------------------|--------|--------------|----------------|-------------|------------|-------------|------------|-------------|------------|-------------|--------------|----------------|
|               | Lode                 | Placer | Value        | Fine<br>Ounces | Value       | Pounds     | Value       | Pounds     | Value       | Pounds     | Value       |              |                |
|               |                      |        |              |                |             |            |             |            |             |            |             |              |                |
| Adams         | ..                   | 3      | \$ 9,870     | 45             | \$          | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 9,902          |
| Arapahoe      | ..                   | 1      | 770          | 4              | ..          | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 773            |
| Archuleta     | ..                   | 4      | 1,330        | 4              | ..          | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 1,333          |
| Boulder       | ..                   | 99     | 1,075,515    | 62,775         | 44,640      | 103,000    | \$ 12,154   | 225,000    | \$          | 11,000     | \$          | 825          | 1,145,959      |
| Chaffee       | ..                   | 12     | 1,733        | 3,000          | 1,734       | 3,000      | 354         | 28,000     | 1,759       | 48,000     | 3,600       | 24,213       | 2,421          |
| Clear Creek   | ..                   | 77     | 1,161,930    | 129,416        | 92,029      | 181,000    | 21,358      | 947,000    | 53,979      | 112,000    | 8,400       | 1,337,696    |                |
| Conjcos       | ..                   | 1      | 245          | 204            | 145         | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 245            |
| Costilla      | ..                   | 1      | 245          | 1              | ..          | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 245            |
| Custer        | ..                   | 3      | ..           | 2,222          | 1,580       | 2,000      | 236         | 66,000     | 3,762       | ..         | ..          | ..           | 5,278          |
| Denver        | ..                   | 3      | ..           | ..             | ..          | ..         | ..          | ..         | ..          | ..         | ..          | ..           | ..             |
| Dolores       | ..                   | 5      | 37,450       | 150,477        | 107,006     | 124,000    | 14,632      | 5,054,000  | 288,078     | 6,008,000  | 450,600     | 897,696      |                |
| Douglas       | ..                   | 6      | 880,880      | 4,352,677      | 3,095,237   | 11,218,000 | 1,323,724   | 3,420,000  | 194,640     | 21,760,000 | 1,632,000   | 7,126,781    |                |
| Eagle         | ..                   | 5      | 1            | 35             | ..          | 8,000      | ..          | ..         | ..          | ..         | ..          | ..           | 1,118          |
| Fremont       | ..                   | 2      | ..           | 132            | 163         | 500        | 54          | 2,000      | 114         | ..         | ..          | ..           | 3,800          |
| Garfield      | ..                   | 4      | 3,115        | 1,322          | 1,276       | 138,000    | 16,284      | 39,000     | 2,223       | 7,000      | ..          | ..           | 505,283        |
| Grand         | ..                   | 51     | 474,600      | 17,966         | 12,776      | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 678            |
| Gilpin        | ..                   | 3      | ..           | 359            | ..          | ..         | ..          | ..         | ..          | ..         | ..          | ..           | ..             |
| Hinsdale      | ..                   | 19     | 65,485       | 13,515         | 9,824       | 35,000     | 354         | 120,000    | 6,840       | 64,000     | 4,800       | 87,303       |                |
| Gunnison      | ..                   | 5      | 700          | 6,186          | 4,339       | 15,000     | 1,770       | ..         | ..          | ..         | ..          | ..           | 7,324          |
| Jefferson     | ..                   | 26     | 20,265       | 2,039          | 1,450       | 182,000    | 22,656      | 15,000     | 855         | ..         | ..          | ..           | 44,371         |
| Lake          | ..                   | 45     | 710,045      | 120,603        | 85,782      | 102,000    | 12,036      | 2,230,000  | 127,110     | 95,000     | 7,125       | 942,078      |                |
| La Plata      | ..                   | 6      | 26,145       | 1,914          | 1,301       | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 27,506         |
| Larimer       | ..                   | 2      | 1,085        | 21             | 15          | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 1,100          |
| Mineral       | ..                   | 6      | 38,920       | 906,712        | 644,773     | 32,000     | 3,776       | 1,140,000  | 64,980      | ..         | ..          | ..           | 745,169        |
| Montezuma     | ..                   | 2      | 31,920       | 1,229          | 874         | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 39,794         |
| Montrose      | ..                   | 1      | 1,960        | 13,735         | 9,767       | 47,000     | 5,546       | ..         | ..          | ..         | ..          | ..           | 17,273         |
| Ouray         | ..                   | 17     | 377,650      | 159,186        | 113,139     | 256,000    | 30,208      | 637,000    | 36,309      | 38,000     | 2,850       | 560,216      |                |
| Park          | ..                   | 21     | 1,598,870    | 311,230        | 22,208      | 79,000     | 9,322       | 738,000    | 42,066      | 614,000    | 46,050      | 1,718,536    |                |
| Pitkin        | ..                   | 5      | ..           | 238,773        | 169,794     | 2,000      | 236         | 807,000    | 45,999      | 254,000    | 19,050      | 235,079      |                |
| Rio Grande    | ..                   | 1      | 594,265      | 14,019         | 9,969       | 8,000      | 944         | ..         | ..          | ..         | ..          | ..           | 605,178        |
| Routt         | ..                   | 2      | 175          | 3              | ..          | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 177            |
| Saguache      | ..                   | 9      | 840          | 17,706         | 12,501      | 26,000     | 3,068       | 320,000    | 18,240      | 62,000     | 4,650       | 39,389       |                |
| San Juan      | ..                   | 25     | 608,440      | 532,731        | 378,831     | 870,000    | 102,660     | 6,145,000  | 350,265     | 1,680,000  | 126,000     | 1,566,196    |                |
| San Miguel    | ..                   | 21     | 843,395      | 450,515        | 320,366     | 78,500     | 9,263       | 2,834,000  | 161,538     | 1,375,000  | 51,225      | 1,334,562    |                |
| Summit        | ..                   | 30     | 45,640       | 51,234         | 36,433      | 8,000      | 944         | ..         | ..          | ..         | ..          | ..           | 155,617        |
| Teller        | ..                   | 99     | 4,671,450    | 21,600         | 15,360      | ..         | ..          | ..         | ..          | ..         | ..          | ..           | 4,686,810      |
| Total, 1941.. | 579                  | 324    | \$13,301,015 | 7,301,697      | \$5,192,318 | 13,496,000 | \$1,592,528 | 25,148,000 | \$1,433,436 | 31,444,000 | \$2,358,300 | \$23,877,537 |                |
| Total, 1940.. | 691                  | 439    | \$12,856,760 | 9,710,709      | \$6,905,393 | 24,304,000 | \$2,746,352 | 22,952,000 | \$1,147,600 | 10,120,000 | \$ 637,560  | \$24,293,665 |                |

\*Includes both lode and placer production.

†From lode mines only.

Note—Values calculated at following prices for 1941: Gold, \$35.00 per ounce; silver, \$0.711 + per ounce; copper, \$0.117 per pound; lead \$0.056 per pound; zinc, \$0.076 per pound. 1940: Gold, \$35.00 per ounce; silver, \$0.711 + per ounce; copper, \$0.113 per pound; lead, \$0.050 per pound; zinc, \$0.063 per pound.

## AVERAGE PRICE OF METALS

Average prices per ounce for silver and per pound for copper, lead and zinc in Colorado in the years 1905 to 1941, inclusive, as reported by the United States bureau of mines, were as follows:

| Year      | Silver | Copper  | Lead    | Zinc    |
|-----------|--------|---------|---------|---------|
| 1905..... | \$0.61 | \$0.156 | \$0.047 | \$0.059 |
| 1906..... | .68    | .193    | .057    | .061    |
| 1907..... | .66    | .20     | .053    | .059    |
| 1908..... | .53    | .132    | .042    | .047    |
| 1909..... | .52    | .13     | .043    | .054    |
| 1910..... | .54    | .127    | .044    | .054    |
| 1911..... | .53    | .125    | .045    | .057    |
| 1912..... | .615   | .165    | .045    | .069    |
| 1913..... | .604   | .153    | .044    | .056    |
| 1914..... | .553   | .133    | .039    | .051    |
| 1915..... | .507   | .175    | .047    | .124    |
| 1916..... | .658   | .246    | .069    | .134    |
| 1917..... | .824   | .273    | .086    | .102    |
| 1918..... | 1.00   | .247    | .071    | .091    |
| 1919..... | 1.12   | .186    | .053    | .073    |
| 1920..... | 1.09   | .184    | .08     | .081    |
| 1921..... | 1.00   | .129    | .045    | .05     |
| 1922..... | 1.00   | .135    | .055    | .057    |
| 1923..... | .82    | .147    | .070    | .068    |
| 1924..... | .67    | .131    | .08     | .065    |
| 1925..... | .694   | .142    | .087    | .076    |
| 1926..... | .624   | .14     | .08     | .075    |
| 1927..... | .567   | .131    | .063    | .064    |
| 1928..... | .585   | .144    | .058    | .061    |
| 1929..... | .533   | .176    | .063    | .066    |
| 1930..... | .385   | .124    | .052    | .047    |
| 1931..... | .290   | .091    | .037    | .038    |
| 1932..... | .282   | .063    | .030    | .030    |
| 1933..... | .350   | .064    | .037    | .042    |
| 1934..... | .646   | .080    | .037    | .043    |
| 1935..... | .718   | .083    | .040    | .044    |
| 1936..... | .774   | .092    | .046    | .050    |
| 1937..... | .773   | .121    | .059    | .065    |
| 1938..... | .646   | .098    | .046    | .048    |
| 1939..... | .678   | .104    | .047    | .052    |
| 1940..... | .711   | .113    | .050    | .063    |
| 1941..... | .711   | .117    | .056    | .076    |

## NON-METAL MINERALS

Non-metallic minerals, of which there is a wide distribution and variety in Colorado, now exceed in value the output of metals and are of growing importance to the state because of the new uses being developed for them. Among the more important non-metals now being produced commercially in the state are coal, petroleum, natural gas, coke, fluorspar, gypsum, feldspar, clay, lime, barite, stone, sand and gravel, mica and cement. Several of these are discussed in detail under separate headings. A table published herewith shows the output and value of a number of these minerals. In some instances, however, statistics are not made public, due to the fact that they would disclose individual operations.

Many of these minerals are awaiting the development of manufacturing industries for their processing into finished products and furnish advantageous openings for new industries. All of the materials used in the production of glass, for example, are to be found in this state. These include the most desirable grades of glass sand.

fluorspar, natural gas and other raw materials going into the manufacture of that product. Minerals used in the making of paints and varnishes, porcelain, opalescent glass such as is used by opticians, glazes on pottery and many other uses are found in commercial quantities. Abrasive stone, marble, alabaster, cement materials, fuller's earth, mica and other minerals going extensively into manufactures abound in many parts of the state. Engineers in recent years have made extensive investigations of the possibilities for chemical manufacturing in the state on a large scale and point out that the immediate future is an opportune time for establishing a local chemical industry.

The accompanying tabulation shows the principal valuable non-metals found in the state, together with the counties where they have been reported:

**Abrasive Stone**—Gunnison.

**Amber**—Boulder.

**Asbestos**—Boulder, Chaffee, Fremont, Rio Grande.

**Asphalt**—Garfield, Grand, Jefferson, Mesa, Routt, Rio Blanco.

**Basalt**—Boulder, Delta, Eagle, Garfield, Grand, Huerfano, Jefferson, Las Animas, Mesa, Rio Blanco.

**Cement Materials**—Boulder, Chaffee, Fremont, Larimer, and many others.

**Corundum**—Chaffee, Clear Creek.

**Coal**—Adams, Arapahoe, Archuleta, Boulder, Delta, Dolores, Douglas, Elbert, El Paso, Fremont, Garfield, Gunnison, Huerfano, Jackson, Jefferson, La Plata, Las Animas, Larimer, Mesa, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Blanco, Routt, Weld.

**Feldspar**—El Paso.

**Fire Clay**—Bent, Boulder, Custer, Douglas, El Paso, Fremont, Garfield, Gunnison, Huerfano, Jefferson, Larimer, Las Animas, Pueblo.

**Fluorspar**—Boulder, Chaffee, Clear Creek, Custer, Dolores, Douglas, El Paso, Fremont, Gilpin, Jefferson, Lake, Larimer, Mineral, Montezuma, Montrose, Park, San Juan, Saguache, San Miguel, Teller.

**Fuller's Earth**—Chaffee, Washington.

**Gem Stones**—Chaffee, Clear Creek, Eagle, El Paso, Fremont, Hinsdale, Jefferson, Lake, Larimer, Moffat, Park, Saguache, Teller.

**Glass Sand**—Bent, Fremont, Prowers, Pueblo.

**Granite**—Archuleta, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, El Paso, Fremont, Garfield, Gunnison, Jackson, Jefferson, La Plata, Larimer, Las Animas, Mineral, Moffat, Ouray, Park, Pueblo, Rio Blanco, Rio Grande.

**Graphite**—Chaffee, Gunnison, Las Animas.

**Gypsum**—Custer, Delta, Dolores, Eagle, El Paso, Fremont, Garfield, Jefferson, Larimer, Montrose.

**Kao'in**—Boulder, El Paso, Fremont, Huerfano, Jefferson, La Plata, Morgan, Pueblo.

**Limestone**—Boulder, Chaffee, Douglas, Fremont, Gunnison, Jefferson, La Plata, Larimer, Las Animas, Mesa, Mineral, Ouray, Park, Pueblo, Rio Blanco.

**Marble**—Boulder, Chaffee, Gunnison, Larimer, Pueblo.

**Mica**—Clear Creek, Fremont, Larimer, Mesa.

**Oil Shale**—Garfield, Gunnison, Mesa, Moffat, Montrose, Rio Blanco.

**Oxyx**—Gunnison.

**Petroleum**—Boulder, Fremont, Larimer, Mesa, Moffat, Montrose, Pueblo, Rio Blanco, Routt.

**Potash**—Costilla, Delta.

**Sandstone**—Archuleta, Boulder, Chaffee, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gunnison, Jackson, La Plata, Larimer, Las Animas, Mesa, Mineral, Ouray, Park, Pueblo, Rio Blanco.

**Salts of Sodium**—Alamosa, Saguache.

**Slate**—Gunnison.

**Sulphur**—Gunnison, Mineral.

### MICA PRODUCTION

Colorado stepped into fourth place in 1934 among the states of the Union in the production of sheet mica as shown by the reports of the United States bureau of mines. In order to prevent the disclosure of information concerning individual operations, the statistics on output are not published. Colorado is exceeded only by North Carolina, New Hampshire and Connecticut.

### RADIUM

A relatively small area of land in southwestern Colorado and extending into southeastern Utah has furnished almost half of the world's supply of radium, a brilliant white metal that melts sharply at about 700 degrees centigrade, but which is produced in such minute quantities that it is handled in the form of a compound and packed in small glass tubes encased in lead as protection to those who must handle it. World production of radium element from 1898 to 1928, inclusive, is given by the United States bureau of mines at 575 grams, of which 250 grams was produced in this country, mostly from ores mined in the Paradox valley in southwestern Colorado.

Radium is one of the most precious articles of commerce, costing many times as much as ordinary fine-quality gems. During the world war the price of the product reached \$125,000 and occasionally \$135,000 or more a gram. The price at present is nominally \$24,700 a gram except for large orders for charitable institutions. Emeralds and rubies rarely exceed a value of \$1,000 a carat, or \$5,000 a gram. One gram of radium is 14 times more valu-

able than a gram of these gems. A gram of gold is worth only 66 cents.

Radium is often handled in such minute quantities that occasional loss is inevitable—100 mg., the usual dose for treating cancer, would barely cover the head of a pin. Because it is worth roughly 18,000 times its weight in pure gold, and especially because it menaces the lives of those who may come unwittingly into contact with its destructive rays, ingenious devices have been developed to recover it. About 20 of these, using gold-lead electroscopes, are in use in the United States. One of these was perfected by a Denver woman and has recovered several grams of radium. For about 10 years, 1913 to 1922, the Colorado deposits practically dominated the world situation, but since 1923 very little radium has been isolated in this country. This was due to economic conditions and not to any exhaustion of supply.

In 1939 an agreement was between the Union Minière du Haut Katanga of Belgium and Eldorado Gold Mines, Ltd., of Canada, dividing world markets for radium on a 60-40 basis and is said to have remained in effect in 1940. The lasting quality of the product is a deterrent to its production, one gram, for example, furnishing all the luminous paint needed for several thousand planes. Normal sales in this country for medical purposes are estimated at 25 grams.

Carnotite has been mined in Colorado in recent years and used as a source of uranium compounds for radio-active drinking water and other therapeutic purposes and as an experimental fertilizer for citrus fruits. On the other hand, the growing demand for uranium salts recently has stimulated greater activity in the Colorado-Utah area, where vanadium production has been resumed in well-organized fashion. These are discussed under "Vanadium."

Ores from Colorado, including pitchblende from Gilpin county and carnotite from Montrose county, were used in perfecting the discovery of radium. The way to the discovery was opened in 1895 by Roentgen, who found that a glow from a Crooke's tube contained penetrating rays which he called X-rays. It was then found that uranium salts produced photographic impressions even when enveloped with opaque substances. To Marie Sklovouski, a young Polish student, who later became Madam Curie, was delegated the task of learning how and why uranium possessed powers to emit these peculiar rays. Out of these investigations resulted the discovery

of radium and a world search for radio-active substances began. As early as 1881 the yellow ore which became known as carnotite was mined in western Colorado for small quantities of gold found in pockets. In 1896, after being informed by the Smithsonian institution that specimens they had sent in contained uranium, Kimball and Logan mined 10 tons of the ore and sold it in Denver for \$2,700. In 1899 Poule and Voillegue sent specimens to France and there the new ore was named carnotite in honor of M. Carnot, then president of the Republic.

Carnotite ores mined in Colorado in 1939 contained 8,964 milligrams of radium.

### FLUORSPAR

Colorado ranked third in quantity and value in 1940 in shipments of fluorspar from mines, the total being 11,032 short tons, valued at \$163,285. It held third place in quantity and fourth place in value in 1939. Fluorspar is a compound of calcium and fluorine, which is used extensively in the manufacture of steel and in other metallurgical industries, and in the ceramic and chemical industries. The state produced a total of 222,914 short tons from 1880 to 1940, inclusive. The production in 1940 came from Boulder, Chaffee, Jackson, Jefferson and Mineral counties, but 94 per cent of the total for the state was supplied by mines in Chaffee and Mineral counties.

Production in short tons and value, by years, as reported by the bureau of mines is as follows:

| Year      | Short Tons | Value        |
|-----------|------------|--------------|
| 1880-1909 | 5,807      | \$ 27,766    |
| 1910-1919 | 83,220     | 863,343      |
| 1920-1929 | 71,920     | 945,573      |
| 1930      | 9,248      | 101,753      |
| 1931      | 529        | 5,921        |
| 1932      | 333        | 3,300        |
| 1933      | 742        | 6,778        |
| 1934      | 6,537      | 83,132       |
| 1935      | 6,978      | 88,454       |
| 1936      | 9,412      | 109,411      |
| 1937      | 7,883      | 98,493       |
| 1938      | 1,704      | (1)          |
| 1939      | 7,569      | 107,459      |
| 1940      | 11,032     | 163,285      |
| Total     | 222,914    | *\$2,604,703 |

(1)Not reported.

\*Value for 1938 not included.

### STONE

Colorado ranks first among the states in the wide variety and volume of deposits of high grade stone which are to be found within its boundaries. The state is so rich in beautifully colored and marked building and decorative stones that if its resources are

properly developed, according to competent authorities, it will, in time, be the stone and marble center of the United States. Building stones in Colorado are divided into five general classes by Justin H. Haynes, consulting engineer, of Denver. These are the granites, marbles, limestones, sandstones and lavas. In addition, there are special stones, due to some particular characteristic or specified method of formation. Among these are travertine, which formerly was classed by some as a marble and by others as a limestone; dolomites and olivines.

Colorado is rich in the decorative marbles and particularly so in the vicinity of Salida, Cotopaxi and Wet Mountain valley. Very little work has been done on them and many are open to location.

Granites are found widely scattered throughout the state, notably at Lyons, Gunnison, Silver Plume, Salida, Cotopaxi and Platte canyon.

Sandstones are found on the sedimentary uplifts on both sides of the main range, from north to south. The principal quarries have been at Lyons, Colorado Springs, Glenwood Springs and Stone City.

Lavas are not so abundant but commercial quarries have been operated at Castle Rock and Del Norte.

Limestones occur mostly in Colorado as a sedimentary deposit on both sides of the main range. Some of the limestone quarries are along the Arkansas river between Pueblo and Salida, and in the vicinity of Colorado Springs and Fort Collins.

The limestones have in all cases been quarried for their lime content and not as building stone and, therefore, must be eliminated from the building stones unless deposits are found that are free from fracture and capable of being cut into large blocks.

Travertine, which was used largely in building ancient Rome, the Colosseum being the outstanding example, is found in Colorado in several deposits. The best known and the only one that has been worked to any appreciable extent is located about six miles southeast of Salida. It is from this deposit that the stone for the interior of the new Denver municipal building was obtained. There are numerous installations of Colorado travertine in the United States, among these being the Sunnyside mausoleum in Long Beach, California, and the department of commerce building in Washington, D. C. Colorado travertine was specified for about 12 govern-

ment buildings erected in 1932 and 1933.

A deposit of alabaster, a compact variety of gypsum extensively used in making fine vases and ornaments, is located near Livermore, in Larimer county. Specimens shaped and polished reveal a rare beauty in the stone.

Colorado's annual output of stone of different varieties, exclusive of stone made into abrasives, lime and cement, is valued at \$900,000 to \$1,400,000. The principal variety of stone produced is limestone.

Quantity in short tons and value of stone of all types sold or used by Colorado producers, by years, as reported by the bureau of mines, is as follows:

|           | Short<br>Tons | Value        |
|-----------|---------------|--------------|
| 1897-1929 | .....         | \$26,902,599 |
| 1930      | 493,900       | 878,656      |
| 1931*     | 343,520       | 565,443      |
| 1932      | 133,300       | 248,789      |
| 1933*     | 599,970       | 506,118      |
| 1934†     | 1,191,480     | 1,270,965    |
| 1935†     | 1,021,260     | 910,141      |
| 1936      | 1,119,900     | 985,120      |
| 1937†     | 1,018,100     | 814,930      |
| 1938      | 897,270       | 1,051,333    |
| 1939      | 900,460       | 1,040,579    |
| 1940      | 1,089,650     | 1,067,788    |
| Total     | .....         | \$36,242,461 |

\*Exclusive of marble.

†Exclusive of marble and dimension limestone.

Establishments engaged primarily in cutting, shaping and finishing marble, granite, slate and other stone for building, monumental and miscellaneous uses are classed as manufacturing industries, and information regarding them will be found in tables in the chapter on manufactures published elsewhere in this volume, under the classification "marble, granite, slate and other stone products."

### COLORADO YULE MARBLE

A deposit of white marble which outcrops in the form of a continuous cliff 75 to 150 feet high and more than 4,000 feet long on the southwest side of Yule creek, in Gunnison county, at an altitude of 9,500 feet above sea level, has supplied the material for the exterior and interior finish of some of the most famous buildings in the United States. It is located three and one-half miles from the town of Marble. Operation of the quarry was discontinued in 1941 and the machinery has been diverted to other uses.

A report on the deposit was made by the United States geological survey in cooperation with the Colorado metal mining fund, the Colorado Min-

ing association and the Geological Survey board of Colorado, in 1936, and was printed by the government in 1937.

The marble, known commercially as Colorado Yule marble, is white, medium grained and generally banded with pale-brownish streaks which in places contain angular fragments of chert. These features are the basis for four commercial classifications or grades. The first grade, known as statuary marble, closely resembles the Pentelic marble of Greece and is available in larger dimensions in this quarry than in any other quarry in the United States. The other grades, while considered equally durable, are more widely used for building purposes.

The more notable of the structures in the country containing Colorado Yule marble include the Lincoln memorial in Washington; the Tomb of the Unknown Soldier in Arlington cemetery, Virginia; the municipal building in New York City; the Huntington memorial, Huntington Park, California; the municipal building in San Francisco; the new Field building in Chicago; the Pan-American building in Los Angeles; and the Elliott memorial in Manchester, New Hampshire. More than 60 public buildings in the United States are listed in the report as representative of the structures in the country containing the marble. Among the Denver buildings listed are the customs building, the postoffice, the city and county building, the Federal Reserve bank building, the Union station, the Colorado Life building, the Colorado National bank and the recently constructed annex building of the state Capitol group.

The largest block of marble quarried, that for the Tomb of the Unknown Soldier, measured 14.0 by 7.4 by 6.0 feet and in the rough weighed 56 tons. It required more than a year to obtain a block of the desired quality for the die of the monument and it was necessary to quarry a mass that weighed more than 100 tons. The block was then reduced to 56 tons with a wire saw installed in the quarry. It was then hoisted from the quarry by a specially reinforced derrick shipped from Vermont for the purpose. The block was laid on a "home-made" car with low wheels in front and none behind and taken down the mountain 200 feet to a track 600 feet long built especially for the purpose. It took two days to make the 3½-mile trip to Marble, with one electric locomotive in front and another

behind. The block was then transferred to a flat car and shipped to West Rutland, Vt., for sawing; thence to Proctor, Vt., for cutting, and finally to Arlington cemetery for erection and carving.

### SAND AND GRAVEL

Sand and gravel are found in almost every part of Colorado, and production is regulated largely by local demand. Most of the output is produced and used in the vicinity of large construction projects. An accompanying table shows the quantity and value of different kinds of sand and gravel sold and used by producers in 1940, 1939 and 1938.

Total production of all grades in short tons and value by years, as reported by the United States bureau of mines, is as follows:

| Year       | Short Tons | Value        |
|------------|------------|--------------|
| 1912.....  | 112,514    | \$ 45,983    |
| 1913.....  | 90,578     | 28,306       |
| 1914.....  | 41,614     | 14,781       |
| 1915.....  | (1)        | (1)          |
| 1919.....  | 248,483    | 154,978      |
| 1920.....  | 222,716    | 158,797      |
| 1921.....  | 277,283    | 194,722      |
| 1922.....  | 139,365    | 114,651      |
| 1923.....  | 185,994    | 126,967      |
| 1924.....  | 1,219,526  | 799,215      |
| 1925.....  | 692,395    | 547,944      |
| 1926.....  | 764,523    | 590,695      |
| 1927.....  | 622,204    | 465,818      |
| 1928.....  | 806,051    | 605,511      |
| 1929.....  | 982,866    | 492,587      |
| 1930.....  | 929,888    | 442,303      |
| 1931.....  | 893,033    | 567,222      |
| 1932.....  | 850,966    | 497,595      |
| 1933.....  | 1,395,524  | 564,677      |
| 1934.....  | 1,367,187  | 684,650      |
| 1935.....  | 1,266,073  | 528,030      |
| 1936.....  | 3,400,051  | 1,653,426    |
| 1937.....  | 4,287,491  | 1,986,015    |
| 1938.....  | 3,841,759  | 1,432,975    |
| 1939*      | 627,306    | 361,747      |
| 1940.....  | 1,853,359  | 508,403      |
| Total..... | 27,118,749 | \$13,567,998 |

(1) No report.

\*Commercial only. Government contractors not included.

### SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN COLORADO IN 1940, 1939 AND 1938, AND USES

(Source: United States Bureau of Mines)

| USES                              | 1940       |           | 1939       |           | 1938       |             |
|-----------------------------------|------------|-----------|------------|-----------|------------|-------------|
|                                   | Short Tons | Value     | Short Tons | Value     | Short Tons | Value       |
| Molding sand.....                 | (1)        | (1)       | (1)        | (1)       | .....      | .....       |
| Building sand.....                | 227,708    | \$ 94,148 | 222,641    | \$113,607 | 212,087    | \$ 104,655  |
| Paving sand.....                  | 287,571    | 42,154    | 39,386     | 16,482    | 183,594    | 38,358      |
| Grinding and polishing sand ..... | 1,985      | 1,737     | 1,743      | 1,421     | .....      | .....       |
| Fire or furnace sand...           | 5,100      | 4,080     | .....      | .....     | .....      | .....       |
| Engine sand.....                  | (1)        | (1)       | 16,937     | 14,511    | (1)        | (1)         |
| Other sands.....                  | 28,383     | 13,525    | 38,641     | 12,847    | (1)        | (1)         |
| Building gravel.....              | 91,878     | 24,031    | 207,334    | 151,907   | 451,962    | 154,319     |
| Paving gravel.....                | 950,019    | 163,646   | 78,843     | 40,983    | 2,929,256  | 1,105,070   |
| Railroad ballast gravel.          | (1)        | (1)       | .....      | .....     | .....      | .....       |
| Others .....                      | (1)        | (1)       | (1)        | (1)       | (1)        | (1)         |
| Total .....                       | 1,853,359  | \$508,403 | 627,306    | \$361,747 | 3,841,759  | \$1,432,975 |

(1) Not segregated, but included in totals.

### VERMICULITE

Colorado was given second place in 1939 by the United States bureau of mines in the production and value of vermiculite, being exceeded only by Montana. The figures, however, are not made public. The mineral is a very fine powder only 0.00002 of an inch in diameter and is used as a coolant and lubricating agent in automobiles, and for insulating, acoustical and lightweight plasters, cements and coatings, as well as stucco and textural finishes.

### FELDSPAR

Colorado ranks fourth among the states of the Union in the production of crude and ground feldspar, a crystalline mineral occurring in igneous rocks, composed mostly of silicate of alumina. It is used principally in the manufacture of glass, pottery, enamel and sanitary ware and other ceramic uses; in soaps and abrasives, and binders for abrasive wheels. Most of the crude feldspar is sold to merchant mills where it is blended, ground and refined. Data on production and

values were not published by the bureau of mines prior to 1935 in order not to reveal the operations of individual enterprises. There were three active mills in the state in 1940.

Crude feldspar sold or used by producers in Colorado, with value at the mine or nearest shipping point, by years, is as follows:

| Year      | Long Tons | Value     |
|-----------|-----------|-----------|
| 1935..... | 22,275    | \$ 64,151 |
| 1936..... | 25,806    | 101,950   |
| 1937..... | 42,221    | 178,148   |
| 1938..... | 27,452    | 104,673   |
| 1939..... | 29,995    | 107,536   |
| 1940..... | 34,105    | 123,514   |

Colorado's sales in 1940 were 11.8 per cent of the total domestic supply of the country and the state's output was exceeded in quantity only by New Hampshire, North Carolina and Pennsylvania.

Ground feldspar sold by merchant mills in Colorado, exclusive of potters and others who grind for consumption in their own plants, by years, is as follows:

| Year      | Short Tons | Value     |
|-----------|------------|-----------|
| 1936..... | 28,034     | \$206,550 |
| 1937..... | 43,618     | 307,412   |
| 1938..... | 33,529     | 219,699   |
| 1939..... | 41,176     | 264,153   |
| 1940..... | 44,260     | 282,178   |

### HELIUM

An act of congress approved by President Roosevelt on September 1, 1937, created a government monopoly in the production of helium. The new law, which supersedes an older law prohibiting the export of this rare gas, authorized the sale of helium to foreign countries in restricted quantities for commercial and medicinal uses. All sales outside the continental United States are made under licenses issued by the secretary of state only, with the approval of all members of the national munitions control board and the secretary of the interior, and none may be sold to foreign countries for military purposes. Regulations for the sale of helium not needed by the government were approved by the President on January 14, 1938, and amended with his approval on March 10, 1938.

Under the regulations approved in 1938 the government may sell its excess supply for medicinal purposes and to the weather bureau for the inflation of balloons used for making weather observations.

Helium is lighter than air and is non-combustible. The United States government became interested in its use in dirigibles and blimps for war purposes in preference to hydrogen be-

cause of the explosive danger in the latter, and it now requires large quantities of it in connection with the conduct of the war. It has a large plant at Amarillo, Texas, for the production of helium, which up to the outbreak of the war supplied all the needs of the government.

Proceeding under the authority of the helium act, the secretary of the interior approved the purchase on February 26, 1938, of the helium gas wells, reduction plant and equipment of the Girdler Corporation on the Model dome at Thatcher, in Las Animas county. This deal, with the acquisition of another plant at Dexter, Kansas, the only commercial plants in the country, consolidated the control and ownership of the industry in the government. The price paid for the private holdings was \$537,975.

The Thatcher plant was shut down in 1930, when the government began operating its new plant at Amarillo, Texas, and discontinued the purchase of helium in Colorado and Kansas from a private producer. The Colorado plant consists of 24 buildings, eight miles of pipe line, a booster station and five wells. The property is held in reserve for future requirements of the government.

The increased demand for helium for war purposes resulted in congress providing the United States bureau of mines with a fund of \$1,250,000 in 1941 for the investigation and study of possibilities for additional production. This was followed by a survey of the Thatcher area in this state and other known deposits. In 1942 congress made available from the navy department funds another \$4,000,000 for enlarging the Amarillo plant and the construction of a new plant at an undisclosed location. Gas which runs higher in helium content than the production used at Amarillo is known to exist in several localities in Colorado.

### COAL

The production of coal in Colorado has exceeded annually in recent years in volume and value the output of any other product of the mines. In 1939, however, it yielded first place to molybdenum. The quantity mined in 1941 was 6,996,692 tons. This compares with 5,251,003 tons in 1934, the minimum since 1899, and 12,658,055 tons in 1918, the maximum over a period of 78 years. The estimated value of the output at the mines in 1941 was \$18,416,460. This compares with a minimum since 1906 of \$11,468,172 in 1933 and an all time maximum of \$42,829,000 in 1920.

The distribution of the 1941 production, by type and percentages, is as follows:

| Type                  | Tons      | Per Cent |
|-----------------------|-----------|----------|
| Sub-bituminous .....  | 2,362,370 | 33.8     |
| Semi-bituminous ..... | 135,077   | 1.8      |
| Bituminous .....      | 4,496,296 | 64.2     |
| Anthracite .....      | 2,949     | .3       |
| Total .....           | 6,996,692 | 100.0    |

Production in 1941, by sizes, is as follows:

| Size              | Tons      | Per Cent |
|-------------------|-----------|----------|
| Run-of-mine ..... | 1,122,933 | 16.0     |
| Lump .....        | 1,176,727 | 16.8     |
| Egg .....         | 610,937   | 8.7      |
| Nut .....         | 506,324   | 7.2      |
| Pea .....         | 263,201   | 3.8      |
| Slack .....       | 3,316,570 | 47.5     |
| Total .....       | 6,996,692 | 100.0    |

The first production of coal in what is now Colorado was reported in 1864, and in the first nine years only 53,700 tons were produced. Total production from 1864 to the end of 1941 was 421,121,809 tons, with a value at the mine of \$886,124,036.

There were 355 licensed mines operating in the state in 1941 as reported by the state coal mine inspector. During the year 17 new mines were opened, 8 reopened, a total of 25, and 41 mines were closed or abandoned. The number of men employed in and about the mines (average) was 8,333 of which 6,532 were engaged in underground work and 1,801 at the surface. The average number of days worked per miner was 182.9 and the daily production of coal per miner was 4.53 tons. Annual production per miner was 839.7 tons. There were 23 persons killed and 753 injured in and about the mines during the year.

Colorado ranked ninth among the states in 1940 in the volume of bituminous coal produced. It ranks first in known coal reserves.

The state coal mine inspector began the segregation of coal shipments by railroads, trucks and wagons in 1930. State totals showing tonnage shipped and used at the mines, by years, are as follows:

|           | Railroads | Trucks and Wagons | Used at Mines |
|-----------|-----------|-------------------|---------------|
| 1930..... | 6,992,678 | 974,558           | 270,858       |
| 1931..... | 5,308,663 | 1,148,184         | 147,216       |
| 1932..... | 4,166,907 | 1,312,134         | 137,484       |
| 1933..... | 3,959,809 | 1,193,703         | 131,360       |
| 1934..... | 3,970,735 | 1,142,746         | 137,522       |
| 1935..... | 4,420,920 | 1,373,653         | 154,108       |
| 1936..... | 5,111,004 | 1,545,992         | 189,741       |
| 1937..... | 5,385,447 | 1,627,340         | 182,608       |
| 1938..... | 3,926,273 | 1,678,033         | 118,593       |
| 1939..... | 4,160,869 | 1,687,218         | 142,935       |
| 1940..... | 4,695,008 | 1,795,277         | 182,294       |
| 1941..... | 4,994,454 | 1,849,431         | 152,807       |

The percentages of all coal mined shipped by railroads and by trucks and wagons and used at the mines, by years, are as follows:

|           | Railroads | Trucks and Wagons | Used at Mines |
|-----------|-----------|-------------------|---------------|
| 1930..... | 84.9      | 11.8              | 3.3           |
| 1931..... | 80.4      | 17.4              | 2.2           |
| 1932..... | 74.2      | 23.4              | 2.4           |
| 1933..... | 74.9      | 22.6              | 2.5           |
| 1934..... | 75.6      | 21.7              | 2.7           |
| 1935..... | 74.3      | 23.1              | 2.6           |
| 1936..... | 74.6      | 22.6              | 2.8           |
| 1937..... | 74.8      | 22.6              | 2.6           |
| 1938..... | 68.6      | 29.3              | 2.1           |
| 1939..... | 69.5      | 28.2              | 2.3           |
| 1940..... | 67.1      | 25.7              | 2.6           |
| 1941..... | 71.4      | 26.4              | 2.2           |

The segregation of coal shipped from the mines in interstate and intrastate commerce was begun by the state coal mine inspector with production in 1934. Coal exported and per cent of total coal mined for shipment, by years, in tons, is as follows:

|           | Exported | Per Cent |
|-----------|----------|----------|
| 1934..... | 600,847  | 11.8     |
| 1935..... | 786,158  | 13.6     |
| 1936..... | 868,820  | 13.0     |
| 1937..... | 824,837  | 11.7     |
| 1938..... | 792,275  | 13.8     |
| 1939..... | 653,067  | 10.9     |
| 1940..... | 485,534  | 6.9      |
| 1941..... | 712,449  | 10.2     |

Three surveys of the coal resources of the state, that is, coal in the ground unmined, have been made in recent years by as many authorities. One of these, by Clark B. Carpenter, of the Colorado School of Mines, places Colorado first in the estimates of the country's available reserves. Another, by the United States geological survey, gives Colorado second place. The third survey was by the state geologist.

M. R. Campbell, senior geologist of the United States geological survey, estimated that the quantity of coal in the state unmined at the end of 1925 was approximately 417,982,149 000 short tons. This estimate is based on areas given by him in the "Coal Resources of the World" before the Twelfth International Geological Congress at Ottawa, Canada, in 1913, from which is deducted the coal mined up to the end of 1925 and estimated amount lost in mining. The areas mentioned comprised 19,754 square miles. These figures are given in detail in the following table:

| Field  | Area<br>Sq. Mi. | Tonnage                |
|--|-----------------|------------------------|
| Denver region....  | 6,860           | 36,297,700,000         |
| Canon City field..                                       | 40              | 932,800,000            |
| Trinidad .....   | 1,115           | 22,198,000,000         |
| North Park.....  | 100             | 2,588,600,000          |
| Yampa field.....   | 3,130           | 122,999,800,000        |
| Uinta Basin.....   | 6,500           | 206,283,400,000        |
| South Park.....  | 73              | 18,100,000             |
| Durango field.....                                       | 1,860           | 26,197,800,000         |
| Tongue Mesa.....   | 40              | 842,300,000            |
| Area north of Man-<br>cos and west of<br>Telluride ..... | 36              | 74,000,000             |
| <b>Total .....</b>                                       | <b>19,754</b>   | <b>418,432,500,000</b> |
| Coal mined up<br>to end of<br>1925 .....                 |                 | 300,351,000            |
| Est loss in<br>mining .....                              |                 | 150,000,000            |
| <b>Total exhaus-<br/>tion .....</b>                      |                 | <b>450,351,000</b>     |
| Coal unmined.  |                 | 417,982,149,000        |

| Field               | Area<br>Sq. Mi. | Tonnage                |
|---------------------|-----------------|------------------------|
| Denver region....   | 4,300           | 13,590,000,000         |
| Durango field....   | 1,900           | 21,428,000,000         |
| North Park.....     | 500             | 453,000,000            |
| Trinidad .....      | 1,080           | 24,462,000,000         |
| Uinta region.....   | 6,000           | 271,810,000,000        |
| Yampa field.....    | 3,700           | 39,639,000,000         |
| Scattered fields... | 350             | 388,000,000            |
| <b>Total .....</b>  | <b>17,830</b>   | <b>371,770,000,000</b> |

In order to present the magnitude of the Colorado coal deposits, Professor Carpenter points out that at an estimated value of only one cent a ton the value of the state's coal resources is at least three times greater than the total value of all metals ever produced in the state. On the basis of coal consumption in 1925 the state has sufficient coal to provide for the entire United States for more than seven centuries.

Colorado coal ranges in quality from black lignite and sub-bituminous varieties through various grades of bituminous to true anthracite. The bituminous varieties include high-grade coking coal found in the Trinidad district, in the Glenwood Springs area and in Gunnison county. High-grade bituminous coal is also found in Jackson, Routt, Moffat, Rio Blanco, Mesa, Delta, Montezuma, La Plata, Fremont and Huerfano counties. True anthracite coal is found near Crested Butte, in Gunnison county, and is found in several localities in Routt and Moffat counties.

Colorado, through its ownership of state school land, profits extensively from its coal deposits, its holding of coal land being estimated at 473,732 acres, of which 12,685 acres were under lease on June 30, 1940. From these leases 380,926 tons of coal were mined in the 24 months' period ending June 30, 1940, and the state received \$54,534 in rentals and royalties on its coal land. Additional data on state school land are found in the chapter under that heading. Coal produced on federal land in Colorado and royalties and rentals received by the government are discussed in the chapter "Federal Lands and Reserves."

Tables published herewith are as follows:

Summary of state coal mining industry, by years.

Colorado coal production and value, by years.

Coal production by counties in 1920, 1929 and 1937 to 1941, inclusive.

Coal shipped by railroads, trucks and wagons, by counties, in 1941, 1940 and 1939.

Of the area given in the above table, Mr. Campbell segregates 14,341 square miles as area in which coal probably is present and 5,413 square miles in which coal possibly is present. In the Denver region 5,380 square miles is classed as probable and 1,480 square miles as possible coal area, and in the Uinta basin, 2,780 square miles as probable and 3,720 square miles as possible coal area. The figures do not represent coal that is available at the present time, but coal that will ultimately be mined.

Professor Carpenter's estimates place the total considerably in excess of the geological survey, his estimate being 503,895,000,000 tons exclusive of the Denver and North Park regions. His estimates are as follows:

| Field                                    | Area<br>Sq. Mi. | Tonnage                |
|--|-----------------|------------------------|
| Canon City.....                          | 40              | 932,000,000            |
| Trinidad .....                           | 1,035           | 22,198,000,000         |
| Yampa .....                              | 3,130           | 85,045,000,000         |
| Uinta Basin.....                         | 2,780           | 76,282,000,000         |
| South Park.....                          | 3               | 18,000,000             |
| Durango .....                            | 1,840           | 8,504,000,000          |
| Tongue Mesa.....                         | 40              | 842,000,000            |
| Southwest Colo-<br>rado .....            | 36              | 74,000,000             |
| Yampa and Uinta<br>(below 3,000 ft.) ... |                 | 310,000,000,000        |
| <b>Total .....</b>                       | <b>8,904</b>    | <b>503,895,000,000</b> |

The Colorado state geological survey estimates on area and available supply are as follows:

**COLORADO COAL PRODUCTION AND VALUE BY YEARS**

| Year             | Tons       | Value       | Year        | Tons        | Value         |
|------------------|------------|-------------|-------------|-------------|---------------|
| 1864 to 1872.... | 53,700     | \$ 127,400  | 1923 .....  | 10,346,218  | 33,299,000    |
| 1873 .....       | 69,977     | 139,954     | 1924 .....  | 10,501,088  | 32,133,000    |
| 1874 .....       | 87,372     | 179,740     | 1925 .....  | 10,440,387  | 30,694,738    |
| 1875 to 1880.... | 1,274,866  | 2,774,679   | 1926 .....  | 10,616,760  | 29,514,593    |
| 1881 to 1890.... | 16,507,469 | 32,492,881  | 1927 .....  | 9,781,580   | 27,192,792    |
| 1891 to 1900.... | 39,026,348 | 49,658,417  | 1928 .....  | 9,921,585   | 27,780,438    |
| 1901 to 1910.... | 91,010,167 | 116,188,444 | 1929 .....  | 9,934,064   | 26,325,269    |
| 1911 .....       | 10,197,000 | 14,747,764  | 1930 .....  | 8,238,094   | 21,583,805    |
| 1912 .....       | 11,016,948 | 16,345,336  | 1931 .....  | 6,605,063   | 15,915,791    |
| 1913 .....       | 9,268,939  | 14,035,090  | 1932 .....  | 5,616,525   | 12,300,189    |
| 1914 .....       | 8,201,423  | 13,601,718  | 1933 .....  | 5,284,872   | 11,468,172    |
| 1915 .....       | 8,715,397  | 13,599,264  | 1934 .....  | 5,251,003   | 13,691,751    |
| 1916 .....       | 10,522,185 | 16,964,104  | 1935 .....  | 5,948,681   | 14,753,521    |
| 1917 .....       | 12,515,305 | 27,669,129  | 1936 .....  | 6,845,837   | 16,496,452    |
| 1918 .....       | 12,658,055 | 33,404,743  | 1937 .....  | 7,215,916   | 18,471,744    |
| 1919 .....       | 10,406,543 | 28,748,534  | 1938 .....  | 5,722,899   | 14,936,766    |
| 1920 .....       | 12,514,693 | 42,829,000  | 1939 .....  | 5,991,022   | 15,816,298    |
| 1921 .....       | 9,141,947  | 32,377,000  | 1940 .....  | 6,672,579   | 17,749,060    |
| 1922 .....       | 10,003,610 | 31,701,000  | 1941 .....  | 6,996,692   | 18,416,460    |
|                  |            |             | Total ..... | 421,121,809 | \$886,124,036 |

**COLORADO COAL PRODUCTION: SUMMARY OF THE INDUSTRY, BY YEARS**

(Source: State Coal Mine Inspector)

| Year      | Tons of Coal Produced | No. of Men Employed | No. of Fatal Accidents | Killed Per 1,000 Employed | Tons Coal Produced Per Fatal Accident | Total No. of Mines State |
|-----------|-----------------------|---------------------|------------------------|---------------------------|---------------------------------------|--------------------------|
| 1913..... | 9,268,939             | 12,871              | 110                    | 8.6                       | 84,262                                | 178                      |
| 1914..... | 8,201,423             | 10,596              | 75                     | 7.0                       | 109,352                               | 188                      |
| 1915..... | 8,715,397             | 12,563              | 64                     | 5.1                       | 136,178                               | 199                      |
| 1916..... | 10,522,185            | 13,315              | 44                     | 3.35                      | 239,095                               | 219                      |
| 1917..... | 12,515,305            | 13,970              | 188                    | 13.5                      | 66,571                                | 238                      |
| 1918..... | 12,658,055            | 14,374              | 71                     | 4.94                      | 177,578                               | 249                      |
| 1919..... | 10,406,543            | 12,799              | 91                     | 7.1                       | 114,357                               | 241                      |
| 1920..... | 12,514,693            | 13,665              | 70                     | 5.1                       | 178,781                               | 231                      |
| 1921..... | 9,141,947             | 14,164              | 52                     | 3.6                       | 175,807                               | 249                      |
| 1922..... | 10,003,610            | 13,436              | 74                     | 5.51                      | 135,184                               | 275                      |
| 1923..... | 10,336,735            | 13,277              | 66                     | 4.97                      | 156,617                               | 276                      |
| 1924..... | 10,501,088            | 12,703              | 44                     | 3.48                      | 238,661                               | 271                      |
| 1925..... | 10,440,387            | 12,228              | 57                     | 4.66                      | 183,165                               | 283                      |
| 1926..... | 10,616,760            | 11,768              | 52                     | 4.42                      | 204,168                               | 261                      |
| 1927..... | 9,781,580             | 11,453              | 54                     | 4.7                       | 181,140                               | 266                      |
| 1928..... | 9,921,585             | 11,474              | 35                     | 3.05                      | 283,474                               | 266                      |
| 1929..... | 9,934,064             | 11,196              | 53                     | 4.73                      | 187,435                               | 264                      |
| 1930..... | 8,238,094             | 10,683              | 36                     | 3.38                      | 228,836                               | 275                      |
| 1931..... | 6,605,063             | 10,015              | 22                     | 2.20                      | 300,184                               | 318                      |
| 1932..... | 5,616,525             | 8,786               | 29                     | 3.30                      | 193,673                               | 345                      |
| 1933..... | 5,284,872             | 8,179               | 20                     | 2.20                      | 264,244                               | 375                      |
| 1934..... | 5,251,003             | 8,138               | 21                     | 2.58                      | 250,048                               | 429                      |
| 1935..... | 5,948,681             | 8,401               | 26                     | 5.58                      | 228,793                               | 367                      |
| 1936..... | 6,845,837             | 9,005               | 29                     | 3.22                      | 236,063                               | 329                      |
| 1937..... | 7,215,916             | 9,449               | 24                     | 2.53                      | 299,808                               | 382                      |
| 1938..... | 5,722,899             | 8,663               | 31                     | 3.57                      | 184,610                               | 385                      |
| 1939..... | 5,991,022             | 8,413               | 26                     | 3.09                      | 230,424                               | 382                      |
| 1940..... | 6,672,579             | 8,213               | 24                     | 2.92                      | 273,857                               | 373                      |
| 1941..... | 6,996,692             | 8,333               | 23                     | 2.76                      | 304,204                               | 355                      |

**COLORADO COAL PRODUCTION: TONS SHIPPED BY RAILROAD AND TRUCKS AND WAGONS, BY COUNTIES, IN 1941, 1940, 1939**

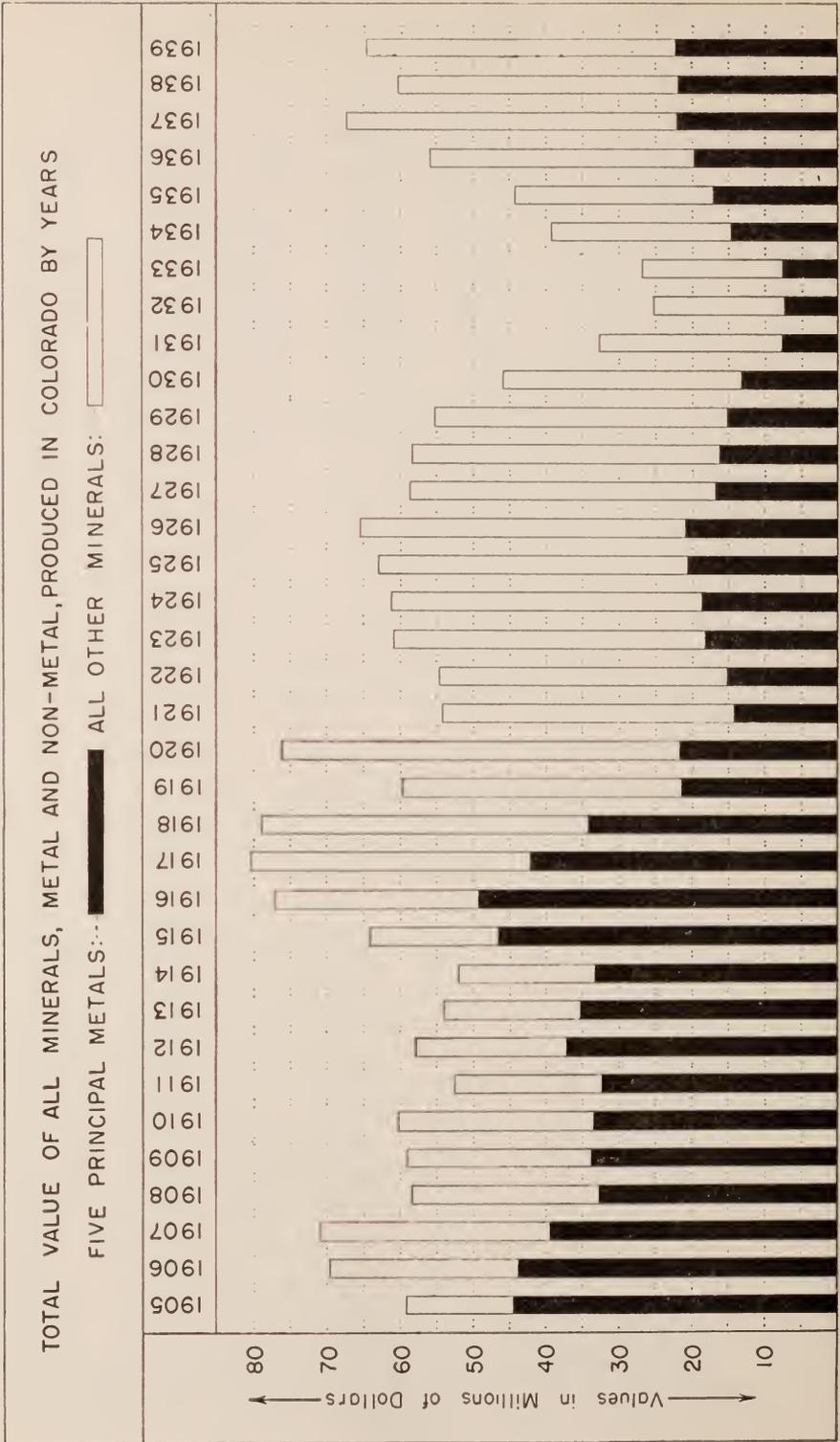
(Source: State Coal Mine Inspector)

| COUNTY     | 1941      |                   | 1940      |                   | 1939      |                   |
|------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|
|            | Railroads | Trucks and Wagons | Railroads | Trucks and Wagons | Railroads | Trucks and Wagons |
| Archuleta  |           | 1,146             | 4         | 2,448             |           | 2,370             |
| Boulder    | 225,241   | 416,682           | 204,985   | 408,029           | 195,907   | 401,093           |
| Delta      | 40,615    | 29,799            | 33,380    | 30,440            | 28,704    | 31,108            |
| Elbert     |           | 6,156             |           | 5,531             |           | 8,062             |
| El Paso    | 33,448    | 164,523           | 45,212    | 163,847           | 46,340    | 167,524           |
| Fremont    | 161,772   | 356,144           | 155,503   | 358,200           | 162,584   | 351,950           |
| Garfield   | 4,433     | 35,340            | 8,087     | 28,121            | 12,668    | 27,112            |
| Gunnison   | 663,113   | 30,924            | 587,435   | 25,530            | 482,781   | 42,081            |
| Huerfano   | 707,920   | 105,842           | 662,300   | 87,890            | 546,020   | 72,271            |
| Jackson    | 8,500     | 4,683             | 13,095    | 2,442             | 10,121    | 6,013             |
| Jefferson  | 93,484    | 35,807            | 105,054   | 40,639            | 111,915   | 45,705            |
| La Plata   | 7,825     | 32,383            | 7,628     | 27,756            | 8,049     | 26,723            |
| Larimer    |           | 2,385             |           | 1,790             |           | 2,446             |
| Las Animas | 1,270,858 | 94,031            | 1,179,859 | 74,046            | 982,571   | 80,595            |
| Mesa       | 65,059    | 41,322            | 874       | 71,980            | 32,759    | 49,845            |
| Moffat     | 41,170    | 10,688            | 4,645     | 44,956            | 35,380    | 20,685            |
| Montezuma  |           | 5,706             |           | 4,706             |           | 4,433             |
| Montrose   |           | 46,548            |           | 40,686            |           | 27,675            |
| Ouray      |           |                   |           |                   |           | 300               |
| Pitkin     | 1,232     | 70                | 796       | 202               | 838       | 160               |
| Rio Blanco |           | 12,600            |           | 9,838             |           | 8,140             |
| Routt      | 813,578   | 24,839            | 842,916   | 31,698            | 676,189   | 25,664            |
| San Miguel |           | 1,049             |           | 1,410             |           | 1,181             |
| Weld       | 856,206   | 390,764           | 843,235   | 333,092           | 828,043   | 284,082           |
| Total      | 4,994,454 | 1,849,431         | 4,695,008 | 1,795,277         | 4,160,869 | 1,687,218         |

**COAL PRODUCTION IN COLORADO, IN TONS, BY COUNTIES AND BY YEARS**

(Source: State Coal Mine Inspector)

| COUNTY     | 1941      | 1940      | 1939      | 1938      | 1937      | 1929      | 1920       |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Arapahoe   |           |           | 2,370     | 597       |           |           |            |
| Archuleta  | 1,146     | 3,050     |           |           | 117       | 408       |            |
| Boulder    | 647,921   | 623,780   | 608,596   | 593,596   | 528,142   | 479,643   | 1,230,347  |
| Delta      | 74,407    | 66,703    | 64,493    | 56,671    | 69,182    | 72,273    | 123,478    |
| Douglas    |           |           |           | 291       |           | 11,732    |            |
| Elbert     | 6,475     | 5,601     | 8,182     | 4,246     | 5,940     | 3,003     |            |
| El Paso    | 240,133   | 251,644   | 253,628   | 265,489   | 293,325   | 361,595   | 379,869    |
| Fremont    | 520,506   | 521,080   | 516,901   | 473,906   | 499,571   | 526,927   | 874,766    |
| Garfield   | 40,098    | 36,468    | 40,020    | 47,877    | 53,359    | 44,430    | 28,507     |
| Gunnison   | 712,717   | 621,479   | 535,511   | 524,188   | 660,286   | 521,401   | 620,632    |
| Huerfano   | 815,268   | 755,607   | 619,951   | 595,602   | 770,515   | 1,783,744 | 2,448,733  |
| Jackson    | 13,183    | 15,803    | 16,470    | 14,985    | 24,073    | 56,318    | 50,905     |
| Jefferson  | 130,035   | 147,725   | 158,625   | 160,142   | 179,046   | 98,755    | 176,427    |
| La Plata   | 40,289    | 35,702    | 34,772    | 39,445    | 42,985    | 74,464    | 132,497    |
| Larimer    | 2,394     | 2,302     | 2,448     | 2,486     | 2,524     |           |            |
| Las Animas | 1,377,882 | 1,275,817 | 1,078,129 | 820,216   | 1,429,531 | 2,564,897 | 4,345,110  |
| Mesa       | 111,245   | 73,081    | 82,604    | 67,550    | 79,638    | 118,567   | 174,801    |
| Moffat     | 51,858    | 49,667    | 56,065    | 37,048    | 20,146    | 6,025     | 3,173      |
| Montezuma  | 5,723     | 4,741     | 4,433     | 5,356     | 4,099     | 6,663     | 4,147      |
| Montrose   | 46,548    | 40,713    | 27,675    | 26,529    | 12,812    | 1,278     | 2,105      |
| Ouray      |           |           | 300       | 101       |           |           | 500        |
| Pitkin     | 1,302     | 998       | 998       | 872       | 1,284     | 18,757    | 913        |
| Rio Blanco | 12,709    | 9,883     | 8,140     | 6,564     | 5,484     | 6,771     | 6,068      |
| Routt      | 871,367   | 913,942   | 731,840   | 747,760   | 1,022,131 | 1,006,740 | 966,912    |
| San Miguel | 1,049     | 1,430     | 1,181     | 1,607     | 985       | 557       |            |
| Weld       | 1,272,437 | 1,215,363 | 1,137,690 | 1,229,775 | 1,490,220 | 2,169,116 | 944,803    |
| Total      | 6,996,692 | 6,672,579 | 5,991,022 | 5,722,899 | 7,195,395 | 9,934,064 | 12,514,693 |



**HIGHEST COAL MINE**

The highest coal mine in the United States and the second highest in the world, according to the state coal mine inspector, is at Floresta, near Crested Butte, in Gunnison county, Colorado. It has an average altitude of 10,000 feet above sea level. The highest in the world are the coal mines at Cerro de Pasco, Peru, which have an elevation of 13,000 feet. The Floresta mine is idle at present for lack of a market for its output and the Peru mine produces coal for ore smelting.

**BUREAU OF MINES FIELD STATION**

An act of congress approved May 15, 1936, authorized the United States bureau of mines to conduct certain studies, experiments and investigations on the utilization of lignite and sub-bituminous coals. A field station to conduct experiments with coals from Colorado, Wyoming, North Dakota, Texas, Washington, Montana and New Mexico was established at Golden in May, 1938, and occupies a building on the campus of the School of Mines constructed by the state. The laboratory is equipped to study the properties of the lower rank coals as related to combustion and processing, and of devices and appliances for domestic utilization of the untreated coals and the carbonized residue.

**COKE PRODUCTION**

The production of coke began in Colorado in 1880, when the total output was 25,568 tons. A steady increase in output continued up to 1891, in which year the quantity was 277,074 tons. During the next 20 years Colorado's output was not reported separately, but included Utah production. The

maximum output for Colorado was in 1906, when the total was 1,455,905 tons.

The production of coke reflects changes in certain industrial lines, particularly iron and steel making, foundry work and the smelting of minerals. The output in Colorado, undoubtedly stimulated by activities in war industries, has shown a substantial increase in the past three years as reported by the state coal mine inspector. The production of coke in 1939 showed a gain of 46.9 per cent over 1938; an increase in 1940 of 24.9 per cent over 1939; and a gain of 13.8 per cent in 1941 over 1940.

The number of ovens operated, tons of coal used and tons of coke produced, by years, as reported by the state coal mine inspector, are as follows:

| Year      | No. Ovens | Tons Coal Used | Tons Coke |
|-----------|-----------|----------------|-----------|
| 1923..... | 545       | 1,068,354      | 648,851   |
| 1924..... | 559       | 1,260,209      | 738,345   |
| 1925..... | ...       | 945,957        | 644,481   |
| 1926..... | 600       | 1,324,465      | 792,517   |
| 1927..... | 492       | 1,332,038      | 790,573   |
| 1928..... | 493       | 1,265,105      | 750,022   |
| 1929..... | 562       | 1,103,308      | 722,072   |
| 1930..... | 295 1/2   | 687,800        | 458,443   |
| 1931..... | 266       | 439,189        | 264,269   |
| 1932..... | 144       | 186,753        | 115,943   |
| 1933..... | 40        | 302,814        | 174,882   |
| 1934..... | ...       | 355,453        | 208,910   |
| 1935..... | 179       | 427,001        | 256,110   |
| 1936..... | 291       | 657,746        | 398,634   |
| 1937..... | 311       | 922,134        | 551,167   |
| 1938..... | 284       | 398,081        | 241,526   |
| 1939..... | 312       | 749,924        | 454,869   |
| 1940..... | 396       | 1,027,892      | 606,005   |
| 1941..... | 348       | 1,198,846      | 703,003   |

The United States bureau of mines goes into details in reporting upon coke production and distinguishes between beehive and byproduct ovens. In recent years there has been a pronounced increase in the output of oven gas, tar, ammonia and light oil in byproduct plants. These are shown in an accompanying table. There were 188 byproduct ovens and 255 beehive ovens active in the state in 1940 as shown by these reports.

**COKE PRODUCTION: PRODUCTS PRODUCED IN COLORADO IN BY-PRODUCT COKE OVENS, BY CALENDAR YEARS**

(Source: United States Bureau of Mines)

| YEAR      | Active Plants | Gas Produced (M Cu. Ft.) | Tar Produced (Gals.) | Ammonia Produced (Lbs.) | Light Oil (Gals.) |
|-----------|---------------|--------------------------|----------------------|-------------------------|-------------------|
| 1933..... | 1             | 2,611,958                | 2,362,013            | 4,968,556               | 687,470           |
| 1934..... | 1             | 3,224,202                | 2,817,500            | 6,185,000               | 867,061           |
| 1935..... | 1             | 3,583,388                | 3,346,300            | 6,933,110               | 1,024,075         |
| 1936..... | 1             | 5,913,553                | 5,319,300            | 11,688,900              | 1,634,391         |
| 1937..... | 1             | 8,615,186                | 7,739,960            | 16,955,200              | 2,325,559         |
| 1938..... | 1             | 3,292,183                | 3,294,308            | 6,935,000               | 952,313           |
| 1939..... | 1             | 7,171,893                | 6,576,129            | 14,232,800              | 2,034,917         |
| 1940..... | 1             | 10,145,552               | 9,089,216            | 19,939,880              | 2,797,638         |

## PETROLEUM

Colorado has the distinction of being the second oldest oil producing state in the United States. However, at the present time the output of crude is less than the state's consumption and the local supply is augmented by imports from other states.

The first discovery of oil in Colorado in a well drilled for that purpose was made in the spring of 1862 by A. M. Cassedy, a pioneer in the Pennsylvania fields. This well came in as a producer at 50 feet and was located on Oil creek, six miles north of Canon City, near an oil spring, in what is now Fremont county, in the south-central part of the state, but what was then a part of Colorado territory. When it is recalled that the first well sunk for oil to come in as a producer in this country was drilled near Titusville, Pa., by Col. E. L. Drake, founder of the petroleum industry, in August, 1859, it will be seen that Colorado's oil development began when the business was in its infancy.

In 1876 Isaac Canfield drilled a well to 1,157 feet near the present town of Coal Creek, south of Florence, and completed it as a producer. This well opened the Florence field, which has produced steadily for 65 years. More than 1,250 wells have been drilled in the district since the discovery in 1876, and the field has produced more than 13,700,000 barrels of oil.

Prospecting continued in the state for a number of years after the Florence discovery and a small pool was found in Boulder county, some shallow wells with small production were drilled in the Rangeley district in Rio Blanco county, and some discoveries were made near DeBeque in Mesa and Garfield counties, but these were of importance mostly in pointing to the possibilities of the future.

No additional outstanding discoveries were made until November 11, 1923, when the Union Oil company of California brought in a large gas and oil well on the Wellington dome, 15 miles north of Fort Collins, in Larimer county. This was followed by the Texas company's completion of a large oil producer on the Moffat dome, 16 miles south of Craig, in Moffat county, on March 3, 1924. These developments opened a new era of prospecting in the state under the auspices of many of the leading oil companies of the country. There followed in the order named the discovery of the Tow Creek field in Routt county, which produces oil solely from the shale above the Dakota;

North McCallum, in Jackson county, which produces high gravity crude oil with extremely cold carbon dioxide gas; the Iles Dome, in Moffat county, in which oil was discovered in the Morrison and Sundance formations, the first found in those horizons in Colorado; and the South McCallum field in Jackson county, which produced high gravity oil with carbon dioxide gas. The Jackson county pools have never been developed commercially on account of the problem of separating the oil from the gas.

These discoveries resulted in the opening of 12 oil pools in the state up to early in 1930. The location of these pools along the edges of large natural basins and parallel to the Rocky Mountain range, or near the edges of smaller basins surrounded by mountains, at first led to the conclusion that conditions were unfavorable for the occurrence of oil far out from the mountains in the plains region of eastern Colorado. This theory was upset on October 10, 1930, when the Platte Valley Petroleum company, drilling on the Greasewood dome in Weld county, 60 miles east of the mountain range, made a commercial discovery which inaugurated another era in oil prospecting in the state. Three producing wells were completed in this pool and six unproductive tests indicate that the field is a small one and that sands below the one pay horizon contain water only. Several wells subsequently were drilled at widely separated locations in northeastern Colorado, but these revealed nothing of commercial value until late in 1932, when W. R. Ramsey found gas 13 miles to the northeast of the Greasewood pool, near Buckingham. This well also showed oil in the top of the Dakota sand, but it was drowned out by water and was plugged back and completed as a gas well and subsequently abandoned.

Late in 1932 the Standard Oil company of California made an oil discovery at 6,300 feet in the Pennsylvania formation on the Rangeley structure in Rio Blanco county. This, geologically, is the oldest formation from which oil is produced in Colorado. In 1934, the Mountain Fuel Supply company completed a well on the Hiawatha structure in Moffat county as an oil producer in the Wasatch formation of Tertiary age, the youngest formation, not only in Colorado but in the Rocky Mountain states, in which oil is found. Prior to this discovery Hiawatha was exclusively a gas field.

In 1935 the William E. Hughes Estate discovered oil in the Dakota formation in the Price (Gramps) dis-

tract in Archuleta county, near the New Mexico line. The following year the Mountain Fuel Supply company opened an oil discovery in the Tertiary formation on the Powder Wash structure in Moffat county. This field had previously produced gas only.

In 1936 and following years several deep tests were drilled in eastern Colorado by major oil companies seeking production in the Pennsylvania and deeper formations, but without results. A discovery was made on the Wilson Creek structure in Rio Blanco county late in 1937 in the Morrison formation in a joint test drilled by the Texas company and the California company.

At the beginning of 1942 there were 16 known oil pools in the state. The location of these pools, the dates of their discovery, the formations from which they are producing, the average depth of wells and the quality of the crude are given in an accompanying table.

In 1942 an oil discovery on the northwestern rim of the Denver basin on Horse creek, southeastern Wyoming, caused a revival in interest in prospecting in northeastern Colorado in a large area within the basin.

A table is published herewith showing the extent of drilling operations and results by years beginning with 1926. Prior to that year no official records of exploration for oil were compiled by the state. Altogether, approximately 2,000 wells have been drilled in 42 counties of the state up to the present in search of oil. Of these approximately 1,550 were concentrated in areas where oil or gas had been found and some 400 to 450 were exploratory wells.

**PRODUCTION OF CRUDE OIL IN COLORADO**

| Year         | Barrels | Value      |
|--------------|---------|------------|
| 1862-86..... | 350,000 | \$ 245,000 |
| 1887.....    | 154,000 | 123,200    |
| 1888.....    | 298,000 | 262,240    |
| 1889.....    | 317,000 | 280,240    |
| 1890.....    | 369,000 | 324,720    |
| 1891.....    | 666,000 | 559,005    |
| 1892.....    | 824,000 | 692,160    |
| 1893.....    | 594,000 | 497,581    |
| 1894.....    | 516,000 | 423,420    |
| 1895.....    | 438,000 | 359,160    |
| 1896.....    | 361,000 | 295,020    |
| 1897.....    | 385,000 | 346,500    |

| Year       | Barrels    | Value        |
|------------|------------|--------------|
| 1898.....  | 444,000    | 444,000      |
| 1899.....  | 390,000    | 404,110      |
| 1900.....  | 317,000    | 323,434      |
| 1901.....  | 461,000    | 461,030      |
| 1902.....  | 397,000    | 486,583      |
| 1903.....  | 484,000    | 431,723      |
| 1904.....  | 501,000    | 587,035      |
| 1905.....  | 376,000    | 337,606      |
| 1906.....  | 328,000    | 262,675      |
| 1907.....  | 332,000    | 272,813      |
| 1908.....  | 380,000    | 346,403      |
| 1909.....  | 311,000    | 317,712      |
| 1910.....  | 240,000    | 243,402      |
| 1911.....  | 227,000    | 228,104      |
| 1912.....  | 206,000    | 199,661      |
| 1913.....  | 189,000    | 174,779      |
| 1914.....  | 223,000    | 200,894      |
| 1915.....  | 208,000    | 208,474      |
| 1916.....  | 197,000    | 217,139      |
| 1917.....  | 121,000    | 128,100      |
| 1918.....  | 143,000    | 188,472      |
| 1919.....  | 121,000    | 183,000      |
| 1920.....  | 111,000    | 199,000      |
| 1921.....  | 108,000    | 132,000      |
| 1922.....  | 97,000     | 114,000      |
| 1923.....  | 86,000     | 129,000      |
| 1924.....  | 445,000    | 667,500      |
| 1925.....  | 1,211,702  | 1,817,553    |
| 1926.....  | 2,692,892  | 4,577,916    |
| 1927.....  | 2,722,670  | 2,611,058    |
| 1928.....  | 2,750,060  | 2,655,670    |
| 1929.....  | 2,273,723  | 2,120,425    |
| 1930.....  | 1,627,987  | 1,242,257    |
| 1931.....  | 1,550,504  | 873,885      |
| 1932.....  | 1,133,967  | 803,006      |
| 1933.....  | 908,504    | 527,514      |
| 1934.....  | 1,138,272  | 1,073,282    |
| 1935.....  | 1,523,450  | 1,410,209    |
| 1936.....  | 1,633,086  | 1,676,892    |
| 1937.....  | 1,595,783  | 1,824,513    |
| 1938.....  | 1,448,606  | 1,594,676    |
| 1939.....  | 1,473,215  | 1,414,795    |
| 1940.....  | 1,701,544  | 1,700,090    |
| 1941.....  | 2,145,983  | 2,337,533    |
| Total..... | 42,246,948 | \$42,558,169 |

Accompanying tables show wells completed in the state in 1940 and 1941, with location, name of operator, results and depth drilled. Some operations abandoned without reaching the objective and in which drilling may be resumed are not included in this table.

Another table shows crude oil production by fields and years and another table gives production in 1941 by fields and by months. A summary of oil well drilling operations by years is given in another table.

The petroleum industry as a whole, refineries and filling stations, pipe lines, natural gas production and consumption, natural gasoline produced, fuel oil distribution and oil shale are discussed under separate headings.

**COLORADO CRUDE OIL PRODUCTION BY FIELDS AND YEARS,  
IN BARRELS**

(Source: Petroleum Information)

| FIELD                            | 1941        | 1940        | 1939        | 1938        | 1937        | 1936        |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Berthoud .....                   | 3,090       | 3,060       | 3,840       | 4,300       | 4,825       | 1,598       |
| Boulder .....                    | 4,893       | 4,405       | 6,317       | 7,023       | 7,665       | 8,760       |
| Florence-Canon City              | 53,546      | 55,458      | 57,770      | 62,843      | 57,694      | 67,605      |
| Fort Collins.....                | 45,235      | 56,395      | 40,205      | 33,105      | 15,432      | 24,004      |
| Greasewood .....                 | 7,104       | 8,857       | 6,505       | 8,691       | 5,878       | 19,539      |
| Hiawatha .....                   | 191,572     | 96,674      | .....       | .....       | .....       | .....       |
| Iles .....                       | 555,946     | 580,262     | 736,524     | 818,822     | 1,039,110   | 1,174,521   |
| Mancos .....                     | .....       | .....       | .....       | .....       | .....       | 218         |
| Moffat .....                     | 115,529     | 111,217     | 112,455     | 118,966     | 143,474     | 150,359     |
| Powder Wash.....                 | 40,152      | .....       | .....       | .....       | .....       | .....       |
| Price (Gramps)...                | 330,017     | 304,877     | 217,344     | 176,173     | 161,020     | .....       |
| Rangely .....                    | 226,258     | 118,258     | 34,613      | 26,084      | 29,993      | 28,360      |
| Tow Creek.....                   | 49,290      | 50,752      | 52,903      | 56,034      | 57,228      | 64,812      |
| Wellington .....                 | 71,532      | 71,533      | 75,234      | 76,416      | 73,464      | 93,310      |
| Wilson Creek.....                | 451,819     | 239,796     | 129,505     | 60,149      | .....       | .....       |
| Total .....                      | 2,145,983   | 1,701,544   | 1,473,215   | 1,448,606   | 1,595,783   | 1,633,086   |
| Estimated value...               | \$2,337,533 | \$1,700,090 | \$1,414,795 | \$1,594,676 | \$1,824,513 | \$1,676,892 |
| Average value per<br>bbl.* ..... | \$1.09      | \$0.99      | \$0.96      | \$1.10      | \$1.14      | \$1.03      |

\*These averages, based on the posted and contract prices, vary slightly from the averages of the U. S. Bureau of Mines.

**OIL POOLS IN COLORADO, JANUARY 1, 1942**

| POOL                     | COUNTY           | Date Opened | Av. Gr. of Oil | Depth to Sands (Feet) | Producing Formations     | No. Wells End of 1941 | Av. Daily Production Dec., 1941 |
|--------------------------|------------------|-------------|----------------|-----------------------|--------------------------|-----------------------|---------------------------------|
| Berthoud .....           | Larimer .....    | 1925        | 38.1           | 3,750                 | Dakota .....             | 1                     | 9                               |
| Boulder .....            | Boulder .....    | 1901        | 38.6           | 2,500                 | Shale .....              | 6                     | 10                              |
| Florence-Canon City..... | Fremont .....    | 1876        | 30.0           | 1,000 to 2,300        | Pierre Shale...          | 31                    | 111                             |
| Ft. Collins.....         | Larimer .....    | 1924        | 35.2           | 4,550                 | Dakota .....             | 7                     | 108                             |
| Greasewood ....          | Weld .....       | 1930        | 39.0           | 6,650                 | Dakota .....             | 1                     | 20                              |
| Hiawatha .....           | Moffat .....     | 1934        | 35.0           | 2,400                 | Wasatch .....            | 8                     | 524                             |
| Iles .....               | Moffat .....     | 1927        | 29.5 to 31.5   | 3,200 to 3,400        | Morrison / Sundance {    | 27                    | 1,865                           |
| Moffat .....             | Moffat .....     | 1924        | 39.8 to 37.2   | 3,800 to 4,400        | Dakota / Sundance {      | 11                    | 426                             |
| No. McCallum..           | Jackson .....    | 1926        | 47.6           | 5,100                 | Dakota .....             | 2                     | (4)                             |
| Powder Wash..            | Moffat .....     | 1936        | 35.0           | 5,000                 | Wasatch .....            | 2                     | 187                             |
| Price (Gramps)..         | Archuleta .....  | 1935        | 30.3           | 1,100                 | Dakota .....             | 9                     | 872                             |
| Rangely .....            | Rio Blanco ..... | 1902        | 41.7 to 31.0   | 600 to 6,300          | Mancos / Pennsylvania .. | 17 to 1               | 910 to (4)                      |
| So. McCallum..           | Jackson .....    | 1928        | 27.8           | 4,800                 | Dakota .....             | 2                     | (4)                             |
| Tow Creek.....           | Routt .....      | 1924        | 33.0           | 2,500 to 3,100        | Shale above Dakota ..... | 9                     | 124                             |
| Wellington ....          | Larimer .....    | 1923        | 38.5           | 4,400                 | Dakota .....             | 11                    | 218                             |
| Wilson Creek..           | Rio Blanco ..... | 1937        | 49.2           | 6,700                 | Morrison .....           | 6                     | 1,637                           |
| Total .....              | .....            | .....       | .....          | .....                 | .....                    | 151                   | 7,021                           |

<sup>1</sup>Canon City extension discovered in 1926. <sup>2</sup>First oil discovery. <sup>3</sup>First gas discovered in 1926. <sup>4</sup>First discovery in the Pennsylvania formation in 1932. <sup>5</sup>Shut in. <sup>6</sup>First oil discovery. <sup>7</sup>First gas discovered in 1931.

**WELLS COMPLETED OR ABANDONED IN 1941 IN COLORADO**

| Well Number and County | Location    | Operator                    | Result    | Depth (Ft.) |
|------------------------|-------------|-----------------------------|-----------|-------------|
| <b>ARCHULETA:</b>      |             |                             |           |             |
| Macht No. 2            | 32-36N-1W   | California-Colorado Oil Co. | Suspended | 1,081       |
| <b>BOULDER:</b>        |             |                             |           |             |
| Maxwell No. 3          | 24-1N-71W   | J. A. Warren                | Abandoned | 1,435       |
| Chenburg No. 1         | 15-2N-70W   | Bartson Oil Co.             | Suspended | 110         |
| <b>HUERFANO:</b>       |             |                             |           |             |
| Tompkins No. 3         | 2-29S-69W   | Tompkins & Son              | Producer  | 1,165       |
| Bartlett-Howard No. 1  | 3-28S-68W   | Harold F. Collins, et al.   | Suspended | 480         |
| Valdez No. 1           | 30-28S-67W  | R. L. Jewett                | Abandoned | 450         |
| Alamo No. 3            | 10-27S-68W  | S. W. Pressey               | Abandoned | 1,522       |
| <b>LOGAN:</b>          |             |                             |           |             |
| State No. 1            | 32-7N-51W   | Mutual Oil Co.              | Abandoned | 4,896       |
| <b>MOFFAT:</b>         |             |                             |           |             |
| Musser, B. W. No. 4    | 4-11N-97W   | Mountain Fuel Supply Co.    | Gas       | 2,255       |
| Musser, No. 3A         | 5-11N-97W   | Mountain Fuel Supply Co.    | Abandoned | 5,700       |
| Musser, No. 2A         | 4-11N-97W   | Mountain Fuel Supply Co.    | Gas       | 2,504       |
| Knowlton, No. 13       | 10-4N-91W   | Texas Co.                   | Producer  | 4,701       |
| Parkinson M., No. 19   | 22-4N-92    | Stanolind Oil & Gas Co.     | Abandoned | 3,540       |
| Parkinson, 11-X        | 22-4N-92W   | Stanolind Oil & Gas Co.     | Producer  | 3,358       |
| Wilson, Florence No. 9 | 22-12N-100W | Mountain Fuel Supply Co.    | Gas       | 2,876       |
| Wilson, Florence 8A    | 22-12N-100W | Mountain Fuel Supply Co.    | Producer  | 2,545       |
| Wilson, F. L. No. 7    | 23-12N-100W | Mountain Fuel Supply Co.    | Producer  | 2,572       |
| Lasher No. 2           | 25-12N-101W | Mountain Fuel Supply Co.    | Gas       | 3,416       |
| <b>RIO BLANCO:</b>     |             |                             |           |             |
| Unit No. 7             | 34-3N-94W   | Texas-California Cos.       | Producer  | 6,515       |
| Unit No. 6             | 27-3N-94W   | Texas-California Cos.       | Producer  | 6,487       |
| Unit No. 5             | 34-3N-94W   | Texas-California Cos.       | Producer  | 6,570       |
| Gov't No. 10           | 3-1N-102W   | John Bockhold               | Suspended | 850         |
| Gov't No. 6            | 2-1N-102W   | John Bockhold               | Producer  | 1,522       |
| Gov't No. 27           | 31-2N-102W  | Raven Oil & Refining Co.    | Producer  | 1,370       |
| Gov't No. 30           | 31-2N-102W  | Raven Oil & Refining Co.    | Producer  | 1,500       |
| Gov't No. 31           | 31-2N-102W  | Raven Oil & Refining Co.    | Producer  | 1,500       |
| Gov't No. 32           | 31-2N-102W  | Raven Oil & Refining Co.    | Producer  | 1,067       |
| Gov't No. 33           | 31-2N-102W  | Raven Oil & Refining Co.    | Suspended | 1,500       |
| Gov't No. 35           | 31-2N-102W  | Raven Oil & Refining Co.    | Abandoned | 1,445       |
| McLaughlin No. 2       | 33-2N-102W  | California Oil Group, Ltd.  | Producer  | 562         |
| McLaughlin No. 3       | 33-2N-102W  | California Oil Group, Ltd.  | Abandoned | 970         |
| McLaughlin No. 1       | 33-2N-102W  | California Oil Group, Ltd.  | Abandoned | 1,143       |
| McLaughlin No. 4       | 33-2N-102W  | California Oil Group, Ltd.  | Producer  | 580         |
| McLaughlin No. 5       | 33-2N-102W  | California Oil Group, Ltd.  | Producer  | 930         |
| Emerald No. 10         | 31-2N-102W  | Equity Oil Co.              | Abandoned | 1,523       |
| Emerald No. 11         | 31-2N-102W  | Equity Oil Co.              | Producer  | 1,326       |
| Emerald No. 12         | 31-2N-102W  | Equity Oil Co.              | Producer  | 1,378       |
| Hill, C. P., No. 1     | 6-1N-101W   | United Oil Production Co.   | Suspended | 1,200       |
| <b>ROUTT:</b>          |             |                             |           |             |
| Erwin, 1-X             | 33-7N-85W   | L. C. Craig & E. L. Moore   | Abandoned | 3,018       |

Number of wells completed in 1941: Oil wells 18; dry and abandoned 17; gas wells 4; total 39. Total footage drilled 87,662 feet. Initial production of oil wells 4,195 bbls. per day; gas wells 39,140,000 cubic feet.

## WELLS COMPLETED OR ABANDONED IN 1940 IN COLORADO

| Well Number and County         | Location       | Operator                        | Result     | Depth (Ft.) |
|--------------------------------|----------------|---------------------------------|------------|-------------|
| <b>CUSTER:</b>                 |                |                                 |            |             |
| Hodges No. 1.....              | 26-21S-69W.... | Henry Donnelly.....             | Suspended. | 1,662       |
| <b>FREMONT:</b>                |                |                                 |            |             |
| Hasler No. 1.....              | 28-20S-69W.... | U-Tex Oil Company.....          | Producer.. | 2,965       |
| 264, Slevins.....              | 34-19S-69W.... | T. E. Maloney.....              | Producer.. | 1,850       |
| <b>HUERFANO:</b>               |                |                                 |            |             |
| Ritter No. 1.....              | 13-29S-68W.... | S. F. Obrecht.....              | Suspended. | 250         |
| Mestas No. 2.....              | 2-29S-68W....  | E. E. Reynolds.....             | Abandoned  | 800         |
| State No. 1.....               | 16-29S-68W.... | E. E. Reynolds.....             | Abandoned  | 450         |
| Ojo No. 4.....                 | 11-29S-69W.... | S. W. Pressey.....              | Producer.. | 670         |
| Martinez No. 1.....            | 33-26S-67W.... | I. E. Sideman-White, et al..... | Abandoned  | 1,630       |
| Tompkins No. 5.....            | 10-29S-69W.... | S. W. Pressey.....              | Abandoned  | 504         |
| <b>LARIMER:</b>                |                |                                 |            |             |
| Frazier No. 1.....             | 31-4N-69W....  | Ed Shogren, et al.....          | Suspended. | 1,127       |
| *Whitaker No. 1.....           | 30-8N-68.....  | Continental Oil Company.....    | Producer.. | 4,700       |
| *Larson No. 2.....             | 19-8N-68.....  | Continental Oil Company.....    | Producer.. | 4,685       |
| Mondt No. 1.....               | 7-3N-69W....   | L. R. Steele, et al.....        | Abandoned  | 2,138       |
| State-Warren No. 2x.....       | 6-11N-68W....  | C. D. Cunningham.....           | Abandoned  | 256         |
| State-Warren No. 2.....        | 6-11N-68W....  | C. D. Cunningham.....           | Abandoned  | 290         |
| <b>LAS ANIMAS:</b>             |                |                                 |            |             |
| Azar No. 1.....                | 27-34S-58W.... | Hulme-Johnston-Allison.....     | Suspended. | 2,300       |
| <b>MOFFAT:</b>                 |                |                                 |            |             |
| Kuykendall No. 2-A.....        | 23-12N-100W... | Mountain Fuel Supply Co.....    | Producer.. | 2,584       |
| Wilson No. 6-B.....            | 14-12N-100W... | Mountain Fuel Supply Co.....    | Gas.....   | 4,007       |
| Wilson (Florence) No. 5-A..... | 23-12N-100W... | Mountain Fuel Supply Co.....    | Producer.. | 2,592       |
| *Knowlton No. 6-B.....         | 10-4N-91.....  | Texas Company.....              | Producer.. | 4,582       |
| *Wick W. No. 2.....            | 10-4N-91.....  | Texas Company.....              | Producer.. | 4,555       |
| <b>MONTEZUMA:</b>              |                |                                 |            |             |
| West No. 1.....                | 31-36N-17W.... | McElmo Oil Company.....         | Abandoned  | 5,120       |
| <b>PARK:</b>                   |                |                                 |            |             |
| Lemar No. 1.....               | 34-11S-75W.... | South Park Oil Company.....     | Abandoned  | 7,725       |
| <b>PUEBLO:</b>                 |                |                                 |            |             |
| Horse Creek Land & Cattle      |                |                                 |            |             |
| No. 1.....                     | 29-19S-64W.... | Eden Oil & Gas Company.....     | Suspended. | 2,185       |
| <b>RIO BLANCO:</b>             |                |                                 |            |             |
| Emerald No. 1.....             | 31-2N-102W...  | Equity Oil Company.....         | Abandoned  | 1,500       |
| Emerald No. 2.....             | 31-2N-102W...  | Equity Oil Company.....         | Abandoned  | 1,650       |
| Emerald No. 3.....             | 31-2N-102W...  | Equity Oil Company.....         | Producer.. | 875         |
| Emerald No. 4.....             | 31-2N-102W...  | Equity Oil Company.....         | Producer.. | 947         |
| Emerald No. 5.....             | 31-2N-102W...  | Equity Oil Company.....         | Producer.. | 840         |
| Emerald No. 6.....             | 31-2N-102W...  | Equity Oil Company.....         | Producer.. | 1,150       |
| Emerald No. 7.....             | 31-2N-102W...  | Equity Oil Company.....         | Abandoned  | 1,392       |
| Emerald No. 8.....             | 31-2N-102W...  | Equity Oil Company.....         | Producer.. | 847         |
| Emerald No. 9.....             | 31-2N-102W...  | Equity Oil Company.....         | Abandoned  | 1,300       |
| McLaughlin No. 3.....          | 31-2N-102W...  | Equity Oil Company.....         | Producer.. | 1,208       |
| McLaughlin No. 17.....         | 31-2N-102W...  | Equity Oil Company.....         | Abandoned  | 2,000       |
| Unit No. 4.....                | 2-2N-94W....   | Texas Co.-California Co.....    | Producer.. | 6,698       |
| Unit No. 3.....                | 27-3N-94W....  | Texas Co.-California Co.....    | Abandoned  | 6,333       |
| <b>WASHINGTON:</b>             |                |                                 |            |             |
| Ruby No. 1.....                | 3-5S-52W....   | Thurman Oil Trust.....          | Suspended. | 1,790       |

\*Old well deepened.

Number of wells completed in 1940: Oil wells 16; gas wells 1; dry and abandoned 21; total 38. Total footage drilled 89,157 feet. Initial production of oil wells 1,589 bbls. per day; gas well 675,000 cubic feet.

**OIL WELL DRILLING OPERATIONS, BY YEARS**

| YEAR      | Wells Completed or Abandoned |           |                  |       | Initial Production (Bbls.) |              | Footage Drilled |              |
|-----------|------------------------------|-----------|------------------|-------|----------------------------|--------------|-----------------|--------------|
|           | Oil Wells                    | Gas Wells | Dry or Abandoned | Total | Total                      | Av. per Well | Total           | Av. per Well |
| 1926..... | 37                           | 7         | 53               | 97    | .....                      | .....        | 314,609         | 3,243        |
| 1927..... | 56                           | 7         | 77               | 140   | 11,708                     | 209          | 352,612         | 2,519        |
| 1928..... | 58                           | 2         | 70               | 130   | 8,949                      | 154.3        | 347,831         | 2,676        |
| 1929..... | 28                           | 5         | 57               | 90    | 3,668                      | 131.0        | 204,108         | 2,266        |
| 1930..... | 16                           | 10        | 31               | 57    | 1,752                      | 109.5        | 152,839         | 2,681        |
| 1931..... | 8                            | 4         | 19               | 31    | 2,240                      | 280.0        | 76,963          | 2,483        |
| 1932..... | 3                            | 4         | 14               | 21    | 110                        | 36.7         | 78,277          | 3,727        |
| 1933..... | 3                            | 5         | 20               | 28    | 1,259                      | 419.7        | 74,269          | 2,652        |
| 1934..... | 7                            | 4         | 13               | 24    | 15,858                     | 2265.4       | 69,781          | 2,908        |
| 1935..... | 12                           | 1         | 6                | 19    | 10,446                     | 870.5        | 49,835          | 2,623        |
| 1936..... | 10                           | ..        | 18               | 28    | 8,286                      | 295.9        | 81,207          | 2,900        |
| 1937..... | 2                            | 1         | 22               | 25    | 900                        | 450.0        | 71,300          | 2,852        |
| 1938..... | 7                            | ..        | 16               | 23    | 1,360                      | 194.3        | 69,324          | 3,014        |
| 1939..... | 17                           | 1         | 36               | 54    | 756                        | 44.5         | 112,891         | 2,090        |
| 1940..... | 16                           | 1         | 21               | 38    | 1,589                      | 99.3         | 89,157          | 2,346        |
| 1941..... | 18                           | 4         | 17               | 39    | 4,193                      | 227.5        | 87,662          | 2,248        |

**OIL PIPE LINES**

Colorado's first interstate oil transporting pipe line was put into operation on Nov. 1, 1938, when the Rocky Mountain Pipe Line company completed a 232-mile system from the Lance Creek field in Wyoming to Denver. The project, constructed at a cost of \$2,000,000, was the largest of its kind undertaken in the country during the year. It transports crude oil from the Wyoming field to refineries at Denver and Cheyenne.

Other oil pipe lines in the state as of January 1, 1942, include the following: Iles field to Craig, in Moffat county, 19 miles of 4-inch line; Moffat (Hamilton) field to Craig, in Moffat county, 16 miles of 4-inch line; Gramps field in Archuleta county, to Chama, New Mex., 15.5 miles of 4-inch line; Wilson Creek field, in Rio Blanco county to junction with Iles field line, 18 miles of 4-inch line; Wellington field to railroad, in Larimer county, 3 miles of 6-inch line; and from the Fort Collins field to the railroad, in Larimer county, 2 miles of 6-inch line.

**PETROLEUM REFINERIES IN COLORADO: LOCATION, TYPE AND CAPACITY, JANUARY 1, 1942**

Note—Capacity is in barrels per day.

| Company                            | Location   | Distillation Capacity | Type  | Cracking Capacity | Type           |
|------------------------------------|------------|-----------------------|-------|-------------------|----------------|
| Bay Petroleum Corp.....            | Denver     | 5,000                 | Comb. | 1,150             | Dubbs          |
| Berthoud Refining Co.....          | Berthoud   | 30                    | Skim. | .....             | .....          |
| Colorado Oil Ref. Co.*.....        | Denver     | 350                   | Skim. | .....             | .....          |
| Colorado Midland Refineries, Inc.† | Denver     | 1,800                 | Skim. | .....             | .....          |
| Continental Oil Co.....            | Denver     | 2,700                 | Comb. | 1,500             | Kellogg-Alcorn |
| Fleming Oil & Ref. Co.....         | Boulder    | 36                    | Skim. | .....             | .....          |
| Gramps Oil & Ref. Co.....          | Alamosa    | 1,250                 | Comb. | 300               | Dubbs          |
| McGarr Petroleum Corp.*.....       | Kline      | 180                   | Skim. | .....             | .....          |
| M. & M. Refining Co.*.....         | Ft. Morgan | 50                    | Skim. | .....             | .....          |
| Mountain States Ref. Co.....       | Orchard    | 100                   | Skim. | .....             | .....          |
| Oriental Ref. Co.....              | Denver     | 1,500                 | Comb. | 200               | Dubbs          |
| Perry Petroleum Co.....            | Adams City | 1,000                 | Skim. | .....             | .....          |
| Raven Oil & Ref. Co.....           | Rangely    | 125                   | Skim. | .....             | .....          |
| Leslie R. Steele.....              | Boulder    | 11                    | Skim. | .....             | .....          |
| Texas Co.....                      | Craig      | 3,000                 | Comb. | 1,500             | Holmes-Manley  |
| Universal Refineries, Inc.....     | Pueblo     | 1,000                 | Skim. | .....             | .....          |
| Total .....                        |            | 18,132                |       | 4,450             |                |

\*Idle.

†In partial operation.

**PETROLEUM INDUSTRY: FILLING STATIONS, BULK BRANCHES, RETAIL AND  
WHOLESALE BUSINESS IN COLORADO IN 1939, 1935, 1933 AND 1929**

(Source: U. S. Census of Business)

|                                       | 1939         | 1935         | 1933         | 1929         | Per Cent<br>Change<br>1939-1935 |
|---------------------------------------|--------------|--------------|--------------|--------------|---------------------------------|
| <b>RETAIL:</b>                        |              |              |              |              |                                 |
| Filling stations, number-----         | 3,109        | 2,266        | 1,858        | 1,349        | +37.2                           |
| Net sales -----                       | \$35,106,000 | \$23,554,000 | \$15,590,000 | \$21,763,602 | +49.0                           |
| Proprietors (not on payroll)-----     | 2,935        | 2,147        | 1,764        | 1,395        | +36.7                           |
| Employes, full-time, average number   | 2,309        | 2,062        | 1,535        | 1,395        | +12.0                           |
| Payroll, total, including part-time-- | \$2,353,000  | \$1,685,000  | \$1,328,000  | \$1,585,446  | +39.6                           |
| <b>WHOLESALE:</b>                     |              |              |              |              |                                 |
| Establishments, number -----          | 560          | 482          | 497          | 445          | +16.2                           |
| Net sales -----                       | \$39,357,000 | \$25,659,000 | \$21,877,000 | \$31,471,903 | +53.4                           |
| Total expenses -----                  | 4,670,000    | 3,983,000    | 4,454,000    | 4,616,983    | +17.2                           |
| Employes, full-time, average number   | 980          | (1)          | 1,463        | 1,190        | (1)                             |
| Payroll, total, including part-time-- | \$1,408,000  | (1)          | \$1,976,000  | \$2,281,939  | (1)                             |
| Stocks on hand end of year-----       | 1,966,000    | 1,550,000    | 1,629,000    | 1,859,625    | +26.8                           |

(1) Inasmuch as it was impracticable to obtain employment and payroll for commission bulk tank stations, these data are not included.

+Increase: — decrease.

### OIL SHALE

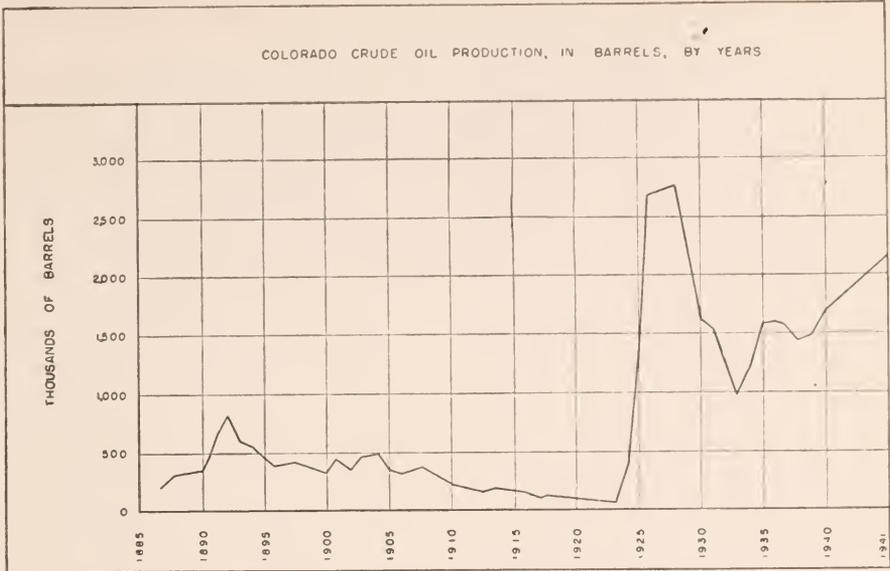
One of the greatest undeveloped natural resources in Colorado is the immense acreage of oil shale land, located upon the western slope of the main range of the Rocky mountains, mostly in Mesa, Garfield and Rio Blanco counties. The shales do not contain crude oil similar to that which comes from petroleum wells, but the material from which crude oil is made and which in the course of time would become petroleum if nature were permitted to complete its processes. Engineers and scientists have devised methods by which nature's work can be hastened and the shales made to yield the oil in a short time by the application of heat and pressure. The shale beds lie mostly in horizontal strata ranging in thickness from a few feet to 50 feet or more, some strata being exposed at the surface and others lying at varying depths beneath the surface.

The area of land in Colorado classified by the United States geological survey as oil shale land is 952,239 acres. In 1928 the federal oil conservation board made a report to the president on general petroleum problems in the United States which contained a statement on oil possibilities of the shales by Dean E. Winchester. This statement estimates the oil in the Colorado shales at 79,625,998,000 bar-

rels, of which 47,625,598,000 barrels is recoverable.

The federal government has two shale reserves in Colorado, which were set aside primarily with a view to insuring an amply supply of oil for the future needs of the navy. President Wilson created Naval Oil Shale Reserve No. 1 in Colorado by an executive order issued on December 6, 1916. This reserve is located in Garfield county near Rifle and Grand Valley and embraces 45,440 acres, which the geological survey estimates to contain at least 2,500,000,000 barrels of crude oil. President Coolidge issued a similar order on November 22, 1924, creating No. 3 reserve adjoining No. 1 and containing approximately 22,000 acres. No. 2 reserve is located in Utah. Since the first withdrawal was made 11,760 acres have been restored to the public domain, as investigations disclosed that the acreage is not oil shale land.

Changes in the country's economic conditions and in the production of crude oil from wells in the past few years resulted in the shale industry becoming temporarily dormant. The vast possibilities of this natural resource remain, however, undisturbed and unless enormous new reserves of petroleum are discovered within the next few years, it is believed that oil shale will again attract the attention of capital.



**KEROSENE SALES**

Kerosene sales in Colorado, by years and uses, as reported by the United States bureau of mines, are as follows:

|                           | 1939           | 1938           | 1937           |
|---------------------------|----------------|----------------|----------------|
| Sold as range oil (bbls.) | 24,000         | 22,000         | 17,000         |
| Tractor fuel              | 75,000         | 69,000         | 73,000         |
| All other uses            | 51,000         | 50,000         | 47,000         |
| <b>Total</b>              | <b>150,000</b> | <b>141,000</b> | <b>137,000</b> |

**NATURAL GAS**

The production and use of natural gas in Colorado for domestic and industrial purposes began, as far as available records indicate, either in 1892 or in the following year, when the Florence Oil & Refining company supplied about half a dozen residences in Florence with the output of its No. 16 well in that district. Shortly thereafter two wells were drilled near Garcia in Las Animas county, which produced sufficient gas to heat and illuminate the buildings upon the ranches upon which they were located. Ten or more years later some natural gas was used for domestic purposes in and near Boulder, following the opening of that field in the early 90s, and there are a few other instances of gas being used commercially in small quantities in isolated districts. The first major natural gas discovery was made, however, on November 11, 1923, when the Union Oil company of California brought in its discovery well on the Wellington dome in Larimer county. This gas

was piped first to Fort Collins and in 1926 a natural gas pipe line was constructed from the Wellington field to Cheyenne, Wyoming. That year marked the beginning of the transportation of gas beyond the borders of the state.

The Colorado Interstate Gas company and associated interests completed in 1928 a 340-mile pipe line from the Amarillo field in Texas to Denver. This line directly and indirectly serves the steel mills at Pueblo and the cities of Denver, Colorado Springs and Pueblo. Since its completion it has been extended eastward to supply La Junta, Rocky Ford, Swink and other towns in the Arkansas valley, and westward to supply industrial plants and communities in Fremont county. The Colorado-Wyoming Gas company constructed in 1929 a connection with the Texas system to convey gas to Boulder, Fort Collins and other cities and towns in northern Colorado. Through pipe lines originally constructed to pipe gas from the Wellington dome to Cheyenne and Fort Collins, the new line now carries Texas gas as far north as Cheyenne. The Mountain Fuel Supply company in 1929 constructed a system comprising 345 miles of line from the Hiawatha dome in northern Moffat county to Salt Lake City and Ogden, Utah, and is marketing gas from that structure and other gas domes in both Wyoming and Utah. Durango and industries in that vicinity are being supplied with natural gas from northern New Mexico

through a 36-mile line completed in 1929 by the Mesa Grande Gas Company. In 1930 the Colorado Gas & Utilities Company constructed a system to supply Lamar, Holly, Springfield and other towns in southeastern Colorado with natural gas from the Hugoton, Kansas, field. In 1932 the Rocky Mountain Gas company completed a short line from the newly-discovered Craig dome to the town of Craig in Moffat county, to which it supplies gas. Another line 22 miles long was laid in 1936 from the Thornburg dome to Craig to augment the supply. The Mountain Fuel Supply company constructed a line in the fall of 1941 connecting its gas wells in the Powder Wash field in Moffat county with its trunk line system into Utah. This provided a second Colorado gas field, the other being Hiawatha, as a source of supply for Salt Lake City, Ogden and other Utah cities and towns.

The gas producing areas in Colorado are the Hiawatha and Powder Wash fields in northern Moffat county, the Berthoud field in Larimer county, the Craig field in Moffat county, the Thornburg field in Moffat county, and the Garcia field in Las Animas county. Fields in which gas has been discovered, but are shut in for lack of a market are Piceance Creek and White River, in Rio Blanco county; and Garmesa, in Garfield county. The Bell Rock field in Moffat county and the Rangely field in Rio Blanco county, have been proven as gas reserves, but

the gas wells in them have been abandoned.

The Hiawatha field supplies gas to Salt Lake City and vicinity and the Colorado part of that area produces 88 per cent of the total output of the state. In the past few years oil has made its appearance in the gas sands, and ultimately the field may produce more oil than gas. The Garcia field produces gas used in a local absorption plant. The output of the other fields is used mostly for domestic purposes.

Carbon dioxide gas has been found in very large quantities on the North McCallum and South McCallum domes in Jackson county, but experiments made to separate this gas from crude oil and use it in the manufacture of "dry" ice so far have not been successful. In 1942 the operating company resumed the drilling of wells in this field in anticipation of the use of dry ice in the munitions industry.

A table is published herewith showing the production and consumption of natural gas in Colorado, value at the wells and at the point of consumption; the value per thousand cubic feet, and the distribution of consumption, by years. Another table gives the marketed production of Colorado fields for 1936, 1937, 1938, and 1939. Another table shows the quantity of natural gas transported from Colorado into other states and from other states into and through Colorado, by years.

**NATURAL GAS: MARKETED PRODUCTION IN COLORADO, BY FIELDS, FOR 1936, 1937, 1938 AND 1939, IN CUBIC FEET**

(Source: U. S. Bureau of Mines)

Note—These figures do not include gas used in the field or treated for the recovery of gasoline, which are included in total production shown in a separate table, but only the quantity marketed.

| FIELD                       | 1939          | 1938          | 1937          | 1936          |
|-----------------------------|---------------|---------------|---------------|---------------|
| Hiawatha <sup>1</sup> ..... | 1,843,000,000 | 1,301,400,000 | 2,497,018,000 | 2,791,195,000 |
| Berthoud .....              | 54,900,000    | 55,000,000    | 49,528,000    | 41,800,000    |
| Craig .....                 | 4,500,000     | 4,000,000     | 8,535,000     | 34,576,000    |
| Garcia .....                | 82,400,000    | 54,000,000    | 96,000,000    | 96,000,000    |
| Thornburg .....             | 97,000,000    | 72,600,000    | 69,263,000    | 22,465,000    |
| Total .....                 | 2,081,800,000 | 1,487,000,000 | 2,720,344,000 | 2,986,036,000 |

<sup>1</sup>Colorado portion only.

<sup>2</sup>In addition, 60,600,000 cubic feet were produced with the oil in the Wilson Creek field.

**NATURAL GAS: PRODUCTION AND CONSUMPTION IN COLORADO BY YEARS AND CLASSIFICATION**

(Source: U. S. Bureau of Mines)

|   | 1939        | 1938        | 1937        | 1936        | 1935        | 1934        |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Production:</b>                              |             |             |             |             |             |             |
| Quantity (M cubic feet)-----                    | 2,015,000   | 1,904,000   | 3,186,000   | 3,687,000   | 2,843,000   | 2,633,000   |
| Estimated value at the wells-----               | \$78,000    | \$70,000    | \$105,000   | \$121,000   | \$101,000   | \$83,000    |
| Average per M cu. ft. (cts.)-----               | 3.9         | 3.7         | 3.3         | 3.3         | 3.6         | 3.2         |
| Value (at point of consumption)----             | \$467,000   | \$464,000   | \$673,000   | \$807,000   | \$646,000   | \$667,000   |
| Average per M cu. ft. (cts.)-----               | 23.2        | 24.4        | 21.1        | 21.9        | 22.7        | 25.3        |
| <b>Consumption:</b>                             |             |             |             |             |             |             |
| Consumed, including receipts from other states: |             |             |             |             |             |             |
| Quantity (M cubic feet)-----                    | 21,978,000  | 19,212,000  | 20,816,000  | 19,713,000  | 17,233,000  | 16,449,000  |
| Value (at point of consumption)--               | \$7,621,000 | \$6,980,000 | \$7,032,000 | \$6,512,000 | \$5,659,000 | \$5,317,000 |
| Average per M cu. ft. (cts.)-----               | 34.7        | 36.3        | 33.8        | 33.0        | 32.8        | 32.3        |
| <b>Distribution of Consumption:</b>             |             |             |             |             |             |             |
| <b>Domestic:</b>                                |             |             |             |             |             |             |
| Number of consumers-----                        | 93,890      | 93,830      | 92,240      | 89,200      | 86,110      | 85,140      |
| Quantity (M cubic feet)-----                    | 5,487,000   | 5,117,000   | 4,927,000   | 4,309,000   | 3,854,000   | 3,271,000   |
| Value (at point of consumption)--               | \$4,353,000 | \$4,104,000 | \$3,927,000 | \$3,549,000 | \$3,266,000 | \$3,032,000 |
| Average per M cu. ft. (cts.)-----               | 79.3        | 80.2        | 79.7        | 82.4        | 84.7        | 92.7        |
| <b>Commercial:</b>                              |             |             |             |             |             |             |
| Number of consumers-----                        | 9,470       | 8,870       | 8,580       | 8,070       | 7,830       | 7,530       |
| Quantity (M cubic feet)-----                    | 1,711,000   | 1,623,000   | 1,558,000   | 1,292,000   | 1,145,000   | 1,025,000   |
| Value (at point of consumption)--               | \$988,000   | \$939,000   | \$898,000   | \$775,000   | \$711,000   | \$664,000   |
| Average per M cu. ft. (cts.)-----               | 57.8        | 57.9        | 57.6        | 60.0        | 62.1        | 64.8        |
| <b>Industrial:</b>                              |             |             |             |             |             |             |
| Consumption (M cu. ft.)-----                    | 14,780,000  | 12,472,000  | 14,331,000  | 14,112,000  | 12,234,000  | 12,153,000  |
| Value (at point of consumption)--               | \$2,280,000 | \$1,937,000 | \$2,207,000 | \$2,188,000 | \$1,682,000 | \$1,621,000 |
| Average per M cu. ft. (cts.)-----               | 15.4        | 15.5        | 15.4        | 15.5        | 13.7        | 13.3        |

**NATURAL GASOLINE**

The first plant constructed in Colorado for the recovery of gasoline from natural gas was placed in operation in Larimer county in 1925, and in that year it produced 35,000 gallons of natural gasoline valued at \$4,000. The maximum output for the state was established in 1923, when two plants in the state produced 1,909,000 gallons, with a value of \$136,000. A decline in output began in 1928 and continued

down to the end of 1938, the production in the last named year being 386,000 gallons, valued at \$10,000, there being a slight increase in 1939. There were two plants in operation in the state in 1939, in Larimer and Las Animas counties, one of the compression and one of the absorption type.

A table published herewith gives the number of plants in operation, natural gasoline produced, quantity of gas produced value, etc., by years, beginning with 1925.

## INTERSTATE TRANSPORTATION OF NATURAL GAS, BY YEARS

(Source: U. S. Bureau of Mines)

| State from Which Gas Was Transported | State Through Which Gas Was Transported | State to Which Gas Was Transported | M Cubic Feet |
|--------------------------------------|---|------------------------------------|--------------|
| 1926:                                |   |                                    |              |
| Colorado                             |   | Wyoming                            | 50,000       |
| 1927:                                |   |                                    |              |
| Colorado                             |   | Wyoming                            | 181,400      |
| 1928:                                |   |                                    |              |
| Colorado                             |   | Wyoming                            | 285,000      |
| Texas                                | New Mexico                              | Colorado                           | 3,701,000    |
| 1929:                                |   |                                    |              |
| Colorado                             | Wyoming                                 | Utah                               | 228,000      |
| Colorado                             |   | Wyoming                            | 851,000      |
| New Mexico                           |   | Colorado                           | 91,000       |
| Texas                                | New Mexico                              | Colorado                           | 12,563,000   |
| 1930 to 1935, Inclusive:*            |   |                                    |              |
| Colorado                             | Wyoming                                 | Utah                               | 9,971,000    |
| Colorado                             |   | Wyoming                            | 1,347,900    |
| Kansas                               |   | Colorado                           | 1,375,000    |
| New Mexico                           |   | Colorado                           | 710,000      |
| Texas                                | New Mexico                              | Colorado                           | 92,322,000   |
| Texas                                | N. M. and Colorado                      | Wyoming                            | 1,827,000    |
| Wyoming                              |   | Colorado                           | 77,000       |
| 1936:                                |   |                                    |              |
| Colorado                             | Wyoming                                 | Utah                               | 3,064,000    |
| Colorado                             |   | Wyoming                            | 163,000      |
| Kansas                               |   | Colorado                           | 411,000      |
| New Mexico                           |   | Colorado                           | 148,000      |
| Texas                                | New Mexico                              | Colorado                           | 18,694,000   |
| Texas                                | N. M. and Colorado                      | Wyoming                            | 506,000      |
| 1937:                                |   |                                    |              |
| Colorado                             | Wyoming                                 | Utah                               | 2,728,000    |
| Colorado                             |   | Wyoming                            | 153,000      |
| Kansas                               |   | Colorado                           | 421,000      |
| New Mexico                           |   | Colorado                           | 161,000      |
| Texas                                | New Mexico                              | Colorado                           | 19,928,000   |
| Texas                                | N. M. and Colorado                      | Wyoming                            | 523,000      |
| Wyoming                              |   | Colorado                           | 1,000        |
| 1938:                                |   |                                    |              |
| Colorado                             | Wyoming                                 | Utah                               | 1,456,000    |
| Colorado                             |   | Wyoming                            | 91,000       |
| Kansas                               |   | Colorado                           | 457,000      |
| New Mexico                           |   | Colorado                           | 164,000      |
| Texas                                | New Mexico                              | Colorado                           | 18,210,000   |
| Texas                                | N. M. and Colorado                      | Wyoming                            | 481,000      |
| Wyoming                              |   | Colorado                           | 24,000       |
| 1939:                                |   |                                    |              |
| Colorado                             | Wyoming                                 | Utah                               | 1,577,000    |
| Colorado                             |   | Wyoming                            | 106,000      |
| Kansas                               |   | Colorado                           | 503,000      |
| New Mexico                           |   | Colorado                           | 163,000      |
| Texas                                | New Mexico                              | Colorado                           | 20,888,000   |
| Texas                                | N. M. and Colorado                      | Wyoming                            | 519,000      |
| Wyoming                              |   | Colorado                           | 92,000       |

\*Data by years are found on page 240 of the 1939-1940 Year Book.

**NATURAL GASOLINE PRODUCED AND NATURAL GAS TREATED IN COLORADO, BY YEARS**

(Source: U. S. Bureau of Mines)

| Year | No. of Plants Operating | Natural Gasoline Produced |                |                          | Estimated Quantity of Natural Gas Treated |  |
|------|-------------------------|---------------------------|----------------|--------------------------|---|--|
|      |                         | Gallons                   | Value at Plant |                          | Cubic Feet                                | Average Yield Per M Cubic Feet (Gals.) |
|      |                         |                           | Total          | Average Per Gal. (Cents) |   |  |
| 1925 | 1                       | 35,000                    | \$ 4,000       | 11.4                     | 15,000,000                                | 2.3                                    |
| 1926 | 3                       | 276,600                   | 17,000         | 6.2                      | 390,000,000                               | .7                                     |
| 1927 | 2                       | 912,000                   | 64,000         | 7.0                      | 1,455,000,000                             | .6                                     |
| 1928 | 2                       | 1,909,000                 | 136,000        | 7.1                      | 3,498,000,000                             | .5                                     |
| 1929 | 3                       | 1,630,000                 | 113,000        | 6.9                      | 1,880,000,000                             | .87                                    |
| 1930 | 2                       | 1,322,000                 | 69,000         | 5.2                      | 1,926,000,000                             | .69                                    |
| 1931 | 2                       | 659,000                   | 21,000         | 3.2                      | 824,000,000                               | .80                                    |
| 1932 | 2                       | 472,000                   | 11,000         | 2.3                      | 627,000,000                               | .75                                    |
| 1933 | 2                       | 408,000                   | 14,000         | 3.4                      | 547,000,000                               | .75                                    |
| 1934 | 3                       | 643,000                   | 18,000         | 2.8                      | 511,000,000                               | 1.26                                   |
| 1935 | 2                       | 417,000                   | 15,000         | 3.6                      | 222,000,000                               | 1.88                                   |
| 1936 | 2                       | 451,000                   | 18,000         | 4.0                      | 223,000,000                               | 2.02                                   |
| 1937 | 2                       | 404,000                   | 16,000         | 4.0                      | 153,000,000                               | 2.64                                   |
| 1938 | 2                       | 386,000                   | 10,000         | 2.6                      | 145,000,000                               | 2.66                                   |
| 1939 | 2                       | 390,000                   | 13,000         | 3.3                      | 130,000,000                               | 3.00                                   |

**Banks, Banking and Finance**

Commercial Banking, State and National Banks; Federal Reserve System; Deposit Insurance; Agricultural Credit; Urban Mortgage Credit; Credit Unions; National Income and Colorado Income Payments; Bonded Indebtedness of Colorado Political Units; Farm Mortgage Recordings; Non-Farm Mortgage Recordings; Installment Paper

THERE were 144 state and national commercial banks operating in Colorado on January 1, 1942. That was the minimum number over a period of 24 years and compares with a maximum number of 403 in 1919. While there was a decrease of 64.2 per cent in the number of banks between 1919 and 1941, there was an increase of 19.3 per cent in the assets of all banks combined for the two comparative dates. The comparison indicates a concentration of the banking business of the state into fewer institutions while the volume of business has made pronounced gains. The total assets of all banks combined on December 31, 1941, were \$455,331,289 as against \$381,780,464 at the close of 1919, an increase of \$73,550,825.

Total deposits for all banks combined at the end of 1941 were \$415,238,458, the maximum for any year beginning with 1916, and compares with \$215,160,276 at the close of 1933, the minimum for the same period. The

increase in the maximum year over the minimum year was \$200,078,182 or 93 per cent. The critical year in Colorado banking since the start of World War I, as it was in the nation, was 1933. The figures of the Federal Deposit Insurance Corporation show that 59 banks with deposits totaling \$12,787,000 suspended operations in 1933, and from January 1, 1934, to December 31, 1941, only one bank, with deposits of \$8,000, closed its doors.

Of the 144 banks in the state on January 1, 1942, 93 were members of the federal reserve system, including 15 state banks and trust companies and 78 national banks. Of the total of 144 banks, 137 were insured by the Federal Deposit Insurance corporation. The insured banks included 78 national bank members of the federal reserve system, 15 state bank members of the federal reserve system and 46 banks not members of the federal reserve system.

Bank clearings in Denver, Pueblo and Colorado Springs aggregated \$2,058,012,560 in 1941, an increase of 17.7 per cent over 1940, and were exceeded only by 1929, in which year the volume of financial transactions reached a total of \$2,189,423,400, and in 1920, when the total was \$2,082,636,657.

Information concerning the federal reserve system and the federal deposit insurance corporation is given later in this chapter.

A table published herewith shows the number of banks in the state, their aggregate loans and discounts, deposits and total assets by years, beginning with 1916. The figures reflect in a measure the expansion of business during the war period, the post-war adjustment, the recovery in more recent years up to 1929 and the extent of the depression in subsequent

years and further recovery up to the entrance of the United States into World War II.

Another table gives the bank clearings of Denver, Colorado Springs and Pueblo by years beginning with 1920. This shows that the maximum volume of cleared business was reached in 1929 in all three cities.

Another table shows the loans and discounts, deposits and total assets of all banks, by counties, for the calendar years of 1940 and 1941.

Another table gives a list of all banks in the state by counties, names and locations.

Another table gives a condensed summary of the assets and liabilities of all banks in the state insured by the federal deposit insurance corporation as of December 13, 1941, with comparative figures for 1939.

#### BANK CLEARINGS OF PRINCIPAL CITIES BY CALENDAR YEARS

| Year | Denver          | Pueblo       | Colorado Springs | Total Three Cities | Per Cent Increase |
|------|-----------------|--------------|------------------|--------------------|-------------------|
| 1920 | \$1,968,274,696 | \$52,079,068 | \$62,282,893     | \$2,082,636,657    | ...               |
| 1921 | 1,527,547,229   | 41,480,801   | 50,096,140       | 1,619,124,170      | -22.3             |
| 1922 | 1,551,636,800   | 40,394,514   | 53,841,091       | 1,645,872,405      | +16.5             |
| 1923 | 1,655,870,320   | 44,549,719   | 61,091,662       | 1,761,511,701      | + 6.6             |
| 1924 | 1,611,163,932   | 50,384,169   | 56,755,109       | 1,718,303,210      | - 2.5             |
| 1925 | 1,732,799,082   | 59,266,536   | 63,681,224       | 1,855,746,842      | + 7.4             |
| 1926 | 1,688,644,834   | 63,275,607   | 61,751,001       | 1,813,671,442      | - 2.3             |
| 1927 | 1,732,674,525   | 69,302,494   | 64,167,039       | 1,866,144,058      | + 2.8             |
| 1928 | 1,863,582,872   | 76,582,861   | 70,177,442       | 2,010,343,175      | + 7.2             |
| 1929 | 2,027,274,024   | 90,395,740   | 71,753,636       | 2,189,423,400      | + 8.2             |
| 1930 | 1,694,207,214   | 79,301,192   | 61,740,665       | 1,835,249,071      | -19.3             |
| 1931 | 1,342,832,980   | 62,042,177   | 51,016,097       | 1,455,891,254      | -26.1             |
| 1932 | 960,057,246     | 36,266,401   | 34,477,507       | 1,030,801,154      | -41.2             |
| 1933 | 896,617,504     | 21,986,583   | 25,341,507       | 943,945,594        | - 9.2             |
| 1934 | 1,088,005,002   | 26,846,585   | 25,381,311       | 1,140,232,898      | +17.2             |
| 1935 | 1,264,029,838   | 30,482,373   | 20,863,450       | 1,315,375,661      | +15.4             |
| 1936 | 1,480,896,087   | 35,727,764   | 33,601,466       | 1,550,225,317      | +15.2             |
| 1937 | 1,665,837,015   | 33,528,057   | 34,845,151       | 1,734,210,223      | +10.6             |
| 1938 | 1,486,319,196   | 29,469,778   | 33,244,917       | 1,549,033,891      | -10.7             |
| 1939 | 1,576,367,399   | 33,586,744   | 31,322,246       | 1,641,276,389      | + 5.6             |
| 1940 | 1,627,431,420   | 35,558,367   | 31,244,067       | 1,694,233,854      | + 3.1             |
| 1941 | 1,985,145,991   | 40,515,494   | 32,351,075       | 2,058,012,560      | +17.7             |

(—) Denotes decrease.

**BANKS AND BANKING: CONDENSED STATEMENT OF ASSETS AND LIABILITIES OF OPERATING COMMERCIAL BANKS IN COLORADO INSURED BY THE FEDERAL DEPOSIT INSURANCE CORPORATION, AS OF DECEMBER 31, 1941, WITH COMPARATIVE DATA AS OF DECEMBER 30, 1939**

(Source: The Federal Deposit Insurance Corporation)

|  | All Banks     | National Banks Members Federal Reserve System | State Banks Members Federal Reserve System | State Banks Not Members Federal Reserve System |
|--|---------------|---|--|--|
| Number of banks:   |               |   |  |  |
| 1941 .....   | 137           | 78  | 15   | 44   |
| 1939 .....   | 137           | 78  | 13   | 46   |
| <b>ASSETS</b>  |               |   |  |  |
| Cash, balance with other banks, and cash items in process of collection: |               |   |  |  |
| 1941 .....   | \$217,290,000 | \$182,497,000                                 | \$ 20,460,000                              | \$ 14,333,000                                  |
| 1939 .....   | 177,232,000   | 150,465,000                                   | 14,093,000                                 | 12,674,000                                     |
| Direct obligations of the United States Government:                      |               |   |  |  |
| 1941 .....   | 58,660,000    | 52,439,000                                    | 3,707,000                                  | 2,514,000                                      |
| 1939 .....   | 59,892,000    | 53,759,000                                    | 4,089,000                                  | 2,044,000                                      |
| Obligations fully guaranteed by the United States Government:            |               |   |  |  |
| 1941 .....   | 15,833,000    | 13,960,000                                    | 884,000                                    | 989,000  |
| 1939 .....   | 10,411,000    | 8,441,000                                     | 1,060,000                                  | 910,000  |
| Other securities:  |               |   |  |  |
| 1941 .....   | 30,798,000    | 23,700,000                                    | 3,619,000                                  | 3,479,000                                      |
| 1939 .....   | 34,407,000    | 25,390,000                                    | 4,796,000                                  | 4,221,000                                      |
| Loans, discounts and overdrafts (including rediscounts):                 |               |   |  |  |
| 1941 .....   | 126,206,000   | 100,213,000                                   | 17,389,000                                 | 8,604,000                                      |
| 1939 .....   | 91,302,000    | 70,899,000                                    | 12,153,000                                 | 8,250,000                                      |
| Banking house, furniture and fixtures:                                   |               |   |  |  |
| 1941 .....   | 3,785,000     | 2,990,000                                     | 350,000                                    | 445,000  |
| 1939 .....   | 4,607,000     | 3,546,000                                     | 440,000                                    | 621,000  |
| Other assets:  |               |   |  |  |
| 1941 .....   | 1,132,000     | 587,000                                       | 518,000                                    | 27,000   |
| 1939 .....   | 846,000       | 523,000                                       | 311,000                                    | 12,000   |
| <b>Total assets:</b>   |               |   |  |  |
| 1941 .....   | \$453,704,000 | \$376,386,000                                 | \$ 46,927,000                              | \$ 30,391,000                                  |
| 1939 .....   | 378,697,000   | 313,023,000                                   | 36,942,000                                 | 28,732,000                                     |
| <b>LIABILITIES AND CAPITAL</b>   |               |   |  |  |
| Demand deposits (exclusive of interbank deposits):                       |               |   |  |  |
| 1941 .....   | \$260,727,000 | \$214,377,000                                 | \$ 29,125,000                              | \$ 17,225,000                                  |
| 1939 .....   | 199,048,000   | 163,340,000                                   | 21,001,000                                 | 14,707,000                                     |
| Time deposits (exclusive of interbank deposits):                         |               |   |  |  |
| 1941 .....   | 91,491,000    | 71,062,000                                    | 10,507,000                                 | 9,922,000                                      |
| 1939 .....   | 92,049,000    | 71,104,000                                    | 10,064,000                                 | 10,881,000                                     |
| Interbank deposits:  |               |   |  |  |
| 1941 .....   | 61,842,000    | 59,359,000                                    | 2,330,000                                  | 153,000  |
| 1939 .....   | 51,379,000    | 49,497,000                                    | 1,703,000                                  | 179,000  |
| Miscellaneous liabilities:   |               |   |  |  |
| 1941 .....   | 1,545,000     | 1,165,000                                     | 337,000                                    | 43,000   |
| 1939 .....   | 1,358,000     | 1,126,000                                     | 205,000                                    | 27,000   |
| <b>Total liabilities (excluding capital accounts):</b>                   |               |   |  |  |
| 1941 .....   | \$415,605,000 | \$345,963,000                                 | \$ 42,299,000                              | \$ 27,343,000                                  |
| 1939 .....   | 343,834,000   | 285,067,000                                   | 32,973,000                                 | 25,794,000                                     |
| <b>Capital accounts:</b>   |               |   |  |  |
| Capital stock, notes and debentures:                                     |               |   |  |  |
| 1941 .....   | \$ 14,689,000 | \$ 11,579,000                                 | \$ 1,535,000                               | \$ 1,575,000                                   |
| 1939 .....   | 14,106,000    | 10,998,000                                    | 1,385,000                                  | 1,723,000                                      |
| Surplus:   |               |   |  |  |
| 1941 .....   | 12,334,000    | 9,634,000                                     | 1,675,000                                  | 1,025,000                                      |
| 1939 .....   | 11,410,000    | 9,183,000                                     | 1,413,000                                  | 814,000  |
| Undivided profits:   |               |   |  |  |
| 1941 .....   | 7,841,000     | 6,467,000                                     | 1,000,000                                  | 374,000  |
| 1939 .....   | 6,168,000     | 4,981,000                                     | 840,000                                    | 347,000  |
| Reserves for contingencies:  |               |   |  |  |
| 1941 .....   | 2,875,000     | 2,461,000                                     | 375,000                                    | 39,000   |
| 1939 .....   | 2,606,000     | 2,257,000                                     | 325,000                                    | 24,000   |
| All other capital accounts:  |               |   |  |  |
| 1941 .....   | 360,000       | 282,000                                       | 43,000                                     | 35,000   |
| 1939 .....   | 573,000       | 537,000                                       | 6,000                                      | 30,000   |
| <b>Total capital accounts:</b>   |               |   |  |  |
| 1941 .....   | \$ 38,099,000 | \$ 30,423,000                                 | \$ 4,628,000                               | \$ 3,048,000                                   |
| 1939 .....   | 34,863,000    | 27,956,000                                    | 3,969,000                                  | 2,938,000                                      |
| <b>Total liabilities and capital account:</b>                            |               |   |  |  |
| 1941 .....   | \$453,704,000 | \$376,386,000                                 | \$ 46,927,000                              | \$ 30,391,000                                  |
| 1939 .....   | 378,697,000   | 313,023,000                                   | 36,942,000                                 | 28,732,000                                     |

## BANKS AND BANKING: COLORADO BANK STATISTICS, BY COUNTIES, AS OF DECEMBER 31, 1940 AND 1941

| County      | December 31, 1940   |                  |                  | December 31, 1941   |                  |                  |
|-------------|---------------------|------------------|------------------|---------------------|------------------|------------------|
|             | Loans and Discounts | Deposits         | Total Assets     | Loans and Discounts | Deposits         | Total Assets     |
| Adams       | \$ 205,517.53       | \$ 572,031.48    | \$ 626,182.11    | \$ 182,457.19       | \$ 754,516.05    | \$ 815,699.61    |
| Alamosa     | 711,821.91          | 2,601,720.51     | 2,868,540.29     | 1,095,353.80        | 2,619,593.26     | 2,907,799.14     |
| Arapahoe    | 1,454,087.36        | 2,784,523.59     | 3,171,106.96     | 1,705,524.75        | 3,685,784.12     | 4,125,636.68     |
| Archuleta   | 76,292.92           | 249,632.64       | 286,448.60       | 76,881.14           | 268,222.54       | 306,612.77       |
| Baca        | 287,935.66          | 669,285.19       | 776,146.26       | 460,606.66          | 929,110.20       | 1,036,654.75     |
| Bent        | 370,758.02          | 1,082,961.28     | 1,238,949.75     | 449,392.65          | 1,255,504.65     | 1,420,183.34     |
| Boulder     | 3,665,014.46        | 8,240,485.41     | 9,193,714.06     | 4,055,402.70        | 9,108,800.66     | 10,110,603.37    |
| Chaffee     | 200,329.58          | 1,318,527.08     | 1,487,480.64     | 255,213.27          | 1,337,335.53     | 1,487,257.45     |
| Cheyenne    | 128,572.10          | 325,282.01       | 386,402.09       | 103,304.83          | 385,281.69       | 451,447.57       |
| Clear Creek | 91,992.31           | 385,794.79       | 442,461.24       | 106,099.29          | 410,772.02       | 479,654.27       |
| Conejos     | 272,491.40          | 797,783.59       | 911,658.80       | 305,153.55          | 804,004.41       | 929,715.81       |
| Costilla    | 71,527.31           | 150,217.82       | 185,056.85       | 62,998.25           | 81,577.72        | 117,157.28       |
| Crowley     | 118,572.47          | 501,786.96       | 542,006.93       | 169,259.02          | 556,600.52       | 598,612.36       |
| Custer      | -----               | -----            | -----            | -----               | -----            | -----            |
| Delta       | 764,657.37          | 2,214,092.07     | 2,472,909.65     | 730,609.47          | 2,459,675.74     | 2,733,219.79     |
| Denver      | 63,144,394.03       | 222,941,868.55   | 244,928,245.83   | 79,952,756.32       | 254,020,627.31   | 277,014,313.79   |
| Dolores     | -----               | -----            | -----            | -----               | -----            | -----            |
| Douglas     | 110,327.83          | 160,573.11       | 193,263.91       | 148,630.44          | 197,318.01       | 233,562.47       |
| Eagle       | 286,641.68          | 614,758.52       | 701,235.35       | 253,068.65          | 683,511.77       | 773,906.05       |
| Elbert      | 248,661.06          | 529,172.19       | 613,901.86       | 202,403.94          | 604,580.62       | 693,015.55       |
| El Paso     | 6,700,983.57        | 23,593,134.89    | 25,641,979.26    | 6,202,962.44        | 25,977,467.05    | 28,077,489.22    |
| Fremont     | 858,998.59          | 3,655,303.46     | 4,028,732.12     | 1,001,886.93        | 3,843,562.31     | 4,225,245.20     |
| Garfield    | 993,423.43          | 2,762,137.26     | 3,070,771.91     | 975,260.47          | 3,428,955.14     | 3,768,911.39     |
| Gilpin      | -----               | -----            | -----            | -----               | -----            | -----            |
| Grand       | 199,406.51          | 591,946.29       | 646,577.57       | 221,234.41          | 645,836.90       | 705,178.40       |
| Gunnison    | 480,045.19          | 1,243,637.50     | 1,400,635.88     | 500,373.91          | 1,491,764.46     | 1,653,975.02     |
| Hinsdale    | -----               | -----            | -----            | -----               | -----            | -----            |
| Huerfano    | 447,374.64          | 1,840,001.02     | 2,067,927.24     | 486,816.64          | 1,812,151.62     | 2,078,285.15     |
| Jackson     | -----               | -----            | -----            | -----               | -----            | -----            |
| Jefferson   | 451,146.45          | 1,341,459.51     | 1,481,928.19     | 757,418.44          | 1,651,871.82     | 1,804,842.63     |
| Kiowa       | 105,919.44          | 300,560.27       | 366,100.95       | 107,225.77          | 384,948.60       | 450,416.29       |
| Kit Carson  | 430,753.61          | 863,704.70       | 1,001,343.57     | 710,286.37          | 1,153,170.02     | 1,302,091.72     |
| Lake        | 62,541.01           | 115,328.27       | 147,758.05       | 62,900.58           | 188,008.29       | 221,225.19       |
| La Plata    | 1,253,113.05        | 3,633,256.07     | 4,046,807.74     | 1,421,874.33        | 2,866,743.28     | 3,379,781.77     |
| Larimer     | 3,264,139.01        | 6,544,142.67     | 7,535,062.05     | 3,718,215.75        | 6,986,422.83     | 8,049,349.95     |
| Las Animas  | 1,287,178.99        | 4,544,537.68     | 5,049,490.81     | 1,679,117.44        | 4,926,328.38     | 5,463,321.22     |
| Lincoln     | 645,321.99          | 1,017,304.80     | 1,222,476.29     | 873,066.55          | 1,419,478.87     | 1,639,678.40     |
| Logan       | 1,791,022.46        | 2,847,273.29     | 3,294,132.61     | 2,274,725.85        | 3,665,966.09     | 4,159,314.54     |
| Mesa        | 1,729,978.19        | 5,169,865.62     | 5,701,652.81     | 1,724,580.90        | 5,644,664.93     | 6,226,043.54     |
| Mineral     | -----               | -----            | -----            | -----               | -----            | -----            |
| Moffat      | 259,858.42          | 535,025.08       | 585,645.22       | 337,736.97          | 669,587.03       | 731,267.00       |
| Montezuma   | 715,467.66          | 1,160,869.46     | 1,320,505.47     | 682,155.96          | 1,429,843.36     | 1,601,134.54     |
| Montrose    | 1,056,615.77        | 2,788,279.69     | 3,194,787.31     | 1,142,700.92        | 3,167,302.13     | 3,572,278.94     |
| Morgan      | 1,993,532.64        | 3,163,564.91     | 3,711,123.05     | 2,487,242.70        | 3,727,893.78     | 4,416,977.85     |
| Otero       | 1,405,590.69        | 3,552,679.35     | 4,017,587.16     | 1,431,215.89        | 4,368,279.90     | 4,875,284.87     |
| Ouray       | 122,440.12          | 418,627.23       | 467,153.04       | 182,238.27          | 439,793.84       | 492,202.55       |
| Park        | 149,442.90          | 418,744.52       | 460,197.24       | 111,297.62          | 404,307.18       | 439,583.41       |
| Phillips    | 423,374.33          | 946,218.35       | 1,103,138.46     | 610,221.26          | 1,167,428.36     | 1,342,340.50     |
| Pitkin      | 29,303.79           | 386,733.40       | 426,733.40       | -----               | -----            | -----            |
| Prowers     | 585,368.43          | 1,725,248.97     | 1,937,505.03     | 691,747.88          | 2,093,183.14     | 2,312,670.07     |
| Pueblo      | 1,508,097.49        | 30,629,586.59    | 33,497,893.18    | 1,889,554.46        | 30,205,839.51    | 33,170,651.25    |
| Rio Blanco  | 149,309.02          | 545,154.63       | 633,919.52       | 132,914.94          | 631,140.43       | 720,709.43       |
| Rio Grande  | 350,950.85          | 889,970.51       | 1,022,401.15     | 368,715.72          | 941,113.26       | 1,082,321.97     |
| Routt       | 584,264.16          | 1,186,299.21     | 1,307,006.76     | 592,468.10          | 1,444,044.24     | 1,570,479.12     |
| Saguache    | 240,174.45          | 1,014,192.04     | 1,184,323.36     | 322,664.25          | 957,853.10       | 1,123,290.13     |
| San Juan    | -----               | -----            | -----            | -----               | -----            | -----            |
| San Miguel  | -----               | -----            | -----            | -----               | -----            | -----            |
| Sedgwick    | 370,154.31          | 884,437.32       | 970,161.40       | 425,069.75          | 1,100,380.92     | 1,198,620.07     |
| Summit      | -----               | -----            | -----            | -----               | -----            | -----            |
| Teller      | 180,049.67          | 2,032,673.64     | 2,128,656.95     | 170,749.11          | 2,204,443.90     | 2,302,418.43     |
| Washington  | 320,399.55          | 609,530.74       | 725,691.70       | 459,669.85          | 700,966.00       | 827,141.38       |
| Weld        | 4,703,142.01        | 9,485,123.77     | 10,766,603.05    | 5,653,839.44        | 11,175,116.13    | 12,690,339.46    |
| Yuma        | 945,370.54          | 1,662,464.10     | 1,904,115.87     | 1,271,424.48        | 2,159,734.15     | 2,421,466.95     |
| State       | \$109,003,847.93    | \$370,239,513.60 | \$409,094,236.55 | \$131,996,735.27    | \$415,238,457.77 | \$456,331,289.60 |

**BANKS AND BANKING: NUMBER OF BANKS IN COLORADO, TOTAL LOANS AND DISCOUNTS, DEPOSITS AND ASSETS BY YEARS**  
(As of December 31 or nearest call date thereto)

| Year      | No. of Banks | Loans and Discounts | Total Deposits | Total Assets  |
|-----------|--------------|---------------------|----------------|---------------|
| 1916..... | ...          | \$128,371,147       | \$228,154,528  | .....         |
| 1917..... | ...          | 155,557,002         | 257,115,214    | \$299,885,059 |
| 1918..... | 373          | 164,633,522         | 255,887,031    | 305,782,264   |
| 1919..... | 403          | 211,091,565         | 319,594,259    | 381,780,464   |
| 1920..... | 402          | 219,304,440         | 296,208,939    | 368,644,393   |
| 1921..... | 387          | 189,272,334         | 270,207,824    | 327,655,318   |
| 1922..... | 311          | 193,293,542         | 304,585,906    | 367,510,948   |
| 1923..... | 357          | 188,994,720         | 299,786,014    | 355,960,695   |
| 1924..... | 338          | 181,523,399         | 329,909,726    | 380,811,824   |
| 1925..... | 317          | 169,220,508         | 321,062,937    | 364,966,320   |
| 1926..... | 306          | 165,407,957         | 321,696,881    | 366,082,565   |
| 1927..... | 284          | 162,723,310         | 321,739,131    | .....         |
| 1928..... | 284          | 172,236,431         | 327,598,487    | 371,722,374   |
| 1929..... | 275          | 172,871,041         | 311,040,485    | 357,265,628   |
| 1930..... | 257          | 147,521,449         | 309,991,117    | 354,414,990   |
| 1931..... | 221          | 117,196,645         | 259,134,580    | 301,374,532   |
| 1932..... | 208          | 90,888,760          | 226,725,182    | 274,020,979   |
| 1933..... | 163          | 65,914,753          | 215,160,276    | 253,692,825   |
| 1934..... | 161          | 61,903,623          | 262,262,025    | 298,603,068   |
| 1935..... | 160          | 68,782,336          | 294,726,617    | 323,252,263   |
| 1936..... | 153          | 80,011,836          | 337,350,933    | 370,227,961   |
| 1937..... | 144          | 90,138,008          | 317,177,158    | 350,869,257   |
| 1938..... | 144          | 84,571,155          | 323,496,470    | 358,070,876   |
| 1939..... | 145          | 96,551,760          | 343,280,816    | 379,735,799   |
| 1940..... | 146          | 109,003,848         | 370,239,514    | 409,094,237   |
| 1941..... | 144          | 131,996,735         | 415,238,458    | 455,331,289   |

**Colorado Banks**

(As of January 1, 1942)

**Adams County**

Brighton State Bank-----Brighton

**Alamosa County**

Alamosa National Bank-----Alamosa  
American National Bank-----Alamosa  
First State Bank of Alamosa-----Alamosa

**Arapahoe County**

Byers State Bank-----Byers  
First National Bank-----Englewood  
Littleton National Bank-----Littleton  
First National Bank-----Strasburg

**Archuleta County**

Citizens Bank of Pagosa Springs-----  
-----Pagosa Springs

**Baca County**

First National Bank-----Springfield  
Bank of Baca County-----Two Buttes  
Colorado State Bank-----Walsh

**Bent County**

Bent County Bank-----Las Animas  
First National Bank-----Las Animas  
McClave State Bank-----McClave

**Boulder County**

First National Bank-----Boulder  
Mercantile Bank & Trust Co.-----Boulder  
National State Bank-----Boulder  
First National Bank-----Longmont  
Longmont National Bank-----Longmont  
First State Bank of Louisville-----Louisville

**Chaffee County**

First National Bank-----Salida

**Cheyenne County**

Kit Carson State Bank-----Kit Carson

**Clear Creek County**

Bank of Idaho Springs-----Idaho Springs

**Conejos County**

First National Bank-----La Jara  
Colonial State Bank-----Manassa

**Costilla County**

San Luis State Bank-----San Luis

**Crowley County**

First National Bank-----Ordway

**Custer County**

No Banks.

**Delta County**

First National Bank-----Cedaredge  
Colorado Bank & Trust Co.-----Delta  
First State Bank-----Hotchkiss  
First National Bank-----Paonia

**Denver County**

American National Bank-----Denver  
Colorado State Bank of Denver-----Denver  
Central Savings Bank & Trust Co.-----Denver  
Colorado National Bank-----Denver  
Denver National Bank-----Denver  
First National Bank-----Denver  
International Trust Co.-----Denver  
National City Bank-----Denver  
Union National Bank-----Denver  
United States National Bank-----Denver

|                                     |                  |                                      |                   |
|-------------------------------------|------------------|--------------------------------------|-------------------|
| <b>Dolores County</b>               |                  | <b>Logan County</b>                  |                   |
| No Banks.                           |                  | First National Bank.....             | Fleming           |
| <b>Douglas County</b>               |                  | Iliff State Bank.....                | Iliff             |
| Bank of Douglas County.....         | Castle Rock      | Commercial Savings Bank.....         | Sterling          |
| <b>Eagle County</b>                 |                  | Security State Bank.....             | Sterling          |
| First National Bank.....            | Eagle            | <b>Mesa County</b>                   |                   |
| <b>Elbert County</b>                |                  | Stockman's Bank.....                 | Collbran          |
| Elbert County State Bank.....       | Elbert           | Bank of DeBeque.....                 | DeBeque           |
| Kiowa State Bank.....               | Kiowa            | First National Bank.....             | Grand Junction    |
| <b>El Paso County</b>               |                  | Palisade National Bank.....          | Palisade          |
| Colorado Savings Bank.....          | Colorado Springs | United States Bank.....              | Grand Junction    |
| Colorado Springs National Bank..... |                  | <b>Mineral County</b>                |                   |
| Exchange National Bank.....         | Colorado Springs | No Banks.                            |                   |
| First National Bank.....            | Colorado Springs | <b>Moffat County</b>                 |                   |
| Bank of Manitou.....                | Manitou          | Moffat County Bank.....              | Craig             |
| Farmers State Bank.....             | Calhan           | <b>Montezuma County</b>              |                   |
| <b>Fremont County</b>               |                  | J. J. Harris & Company, Bankers..... | Dolores           |
| First National Bank.....            | Canon City       | Citizens State Bank.....             | Cortez            |
| Fremont County National Bank.....   | Canon City       | <b>Montrose County</b>               |                   |
| First National Bank.....            | Florence         | First National Bank.....             | Montrose          |
| <b>Garfield County</b>              |                  | Montrose National Bank.....          | Montrose          |
| First National Bank.....            | Glenwood Springs | First National Bank.....             | Olathe            |
| First National Bank.....            | Rifle            | <b>Morgan County</b>                 |                   |
| <b>Gilpin County</b>                |                  | Farmers State Bank.....              | Brush             |
| No Banks.                           |                  | First National Bank.....             | Brush             |
| <b>Grand County</b>                 |                  | Farmers State Bank.....              | Fort Morgan       |
| Bank of Kremmling.....              | Kremmling        | First National Bank.....             | Fort Morgan       |
| <b>Gunnison County</b>              |                  | <b>Otero County</b>                  |                   |
| First National Bank.....            | Gunnison         | Fowler State Bank.....               | Fowler            |
| Gunnison Bank & Trust Co.....       | Gunnison         | First National Bank.....             | Fowler            |
| <b>Hinsdale County</b>              |                  | Colorado Savings & Trust Co.....     | La Junta          |
| No Banks.                           |                  | La Junta State Bank.....             | La Junta          |
| <b>Huerfano County</b>              |                  | J. N. Beatty & Company, Bankers..... | Manzanola         |
| First National Bank.....            | Walsenburg       | Rocky Ford National Bank.....        | Rocky Ford        |
| Guaranty State Bank.....            | Walsenburg       | <b>Ouray County</b>                  |                   |
| <b>Jackson County</b>               |                  | Citizens State Bank.....             | Ouray             |
| No Banks.                           |                  | <b>Park County</b>                   |                   |
| <b>Jefferson County</b>             |                  | Bank of Fairplay.....                | Fairplay          |
| First National Bank.....            | Arvada           | <b>Phillips County</b>               |                   |
| First National Bank.....            | Golden           | Haxtun State Bank.....               | Haxtun            |
| <b>Kiowa County</b>                 |                  | First National Bank.....             | Holyoke           |
| First National Bank.....            | Eads             | Paoli State Bank.....                | Paoli             |
| <b>Kit Carson County</b>            |                  | <b>Pitkin County</b>                 |                   |
| Bank of Burlington.....             | Burlington       | No Banks.                            |                   |
| First National Bank.....            | Flagler          | <b>Prowers County</b>                |                   |
| First National Bank.....            | Stratton         | American State Bank.....             | Granada           |
| <b>Lake County</b>                  |                  | First National Bank.....             | Holly             |
| Commercial Bank of Leadville.....   | Leadville        | First National Bank.....             | Lamar             |
| <b>La Plata County</b>              |                  | Valley State Bank.....               | Lamar             |
| Burns National Bank.....            | Durango          | Bank of Wiley.....                   | Wiley             |
| First National Bank.....            | Durango          | <b>Pueblo County</b>                 |                   |
| Ignacio State Bank.....             | Ignacio          | First National Bank.....             | Pueblo            |
| <b>Larimer County</b>               |                  | Minnequa Bank of Pueblo.....         | Pueblo            |
| Berthoud National Bank.....         | Berthoud         | Pueblo Savings Bank & Trust Co.....  | Pueblo            |
| Estes Park Bank.....                | Estes Park       | <b>Rio Blanco County</b>             |                   |
| First National Bank.....            | Fort Collins     | First National Bank.....             | Meeker            |
| Poudre Valley National Bank.....    | Fort Collins     | <b>Rio Grande County</b>             |                   |
| First National Bank.....            | Loveland         | Rio Grande County Bank.....          | Del Norte         |
| <b>Las Animas County</b>            |                  | Farmers & Merchants Bank.....        | Monte Vista       |
| First National Bank.....            | Trinidad         | <b>Routt County</b>                  |                   |
| Trinidad National Bank.....         | Trinidad         | Routt County National Bank.....      |                   |
| <b>Lincoln County</b>               |                  | -----                                | Steamboat Springs |
| First National Bank.....            | Hugo             | <b>Saguache County</b>               |                   |
| First National Bank.....            | Limon            | First National Bank.....             | Center            |
|                                     |                  | Saguache County National Bank.....   | Saguache          |
|                                     |                  | <b>San Juan County</b>               |                   |
|                                     |                  | No Banks.                            |                   |

|                               |               |
|-------------------------------|---------------|
| <b>San Miguel County</b>      |               |
| No Banks.                     |               |
| <b>Sedgwick County</b>        |               |
| First National Bank.....      | Julesburg     |
| <b>Summit County</b>          |               |
| No Banks.                     |               |
| <b>Teller County</b>          |               |
| First National Bank.....      | Cripple Creek |
| <b>Washington County</b>      |               |
| Citizens National Bank.....   | Akron         |
| First National Bank.....      | Otis          |
| <b>Weld County</b>            |               |
| Farmers National Bank.....    | Ault          |
| Bank of Eaton.....            | Eaton         |
| Erie Bank.....                | Erie          |
| Fort Lupton State Bank.....   | Fort Lupton   |
| First National Bank.....      | Greeley       |
| Greeley National Bank.....    | Greeley       |
| Weld County Savings Bank..... | Greeley       |
| Hereford State Bank.....      | Hereford      |
| First National Bank.....      | Johnstown     |
| First National Bank.....      | Windsor       |
| <b>Yuma County</b>            |               |
| Eckley State Bank.....        | Eckley        |
| First State Bank.....         | Kirk          |
| First National Bank.....      | Wray          |
| National Bank of Wray.....    | Wray          |
| Farmers State Bank.....       | Yuma          |

**FEDERAL RESERVE BANK**

Colorado is in District No. 10 of the Federal Reserve system. The district includes Colorado, Kansas, Nebraska, Wyoming, 19 counties in western Missouri, 13 counties in northern New Mexico and 69 counties in northwestern Oklahoma. The district bank is located at Kansas City with branch banks at Denver, Oklahoma City and Omaha. The territory served by the Denver branch includes Colorado and northern New Mexico. The federal reserve banks do not transact business with the general public, but are banks for member banks, under the supervision of a board of governors. The system is not owned by the government, but by the member banks. The Denver branch is housed in its own building, which was occupied in November, 1925. The bank, including the site, building and equipment, cost \$611,981. The reserve bank for District No. 10 had total assets on December 31, 1941, of \$721,642,000 and deposits of \$404,916,000, which compares with \$587,925,000 and \$332,188,000 on the same date in 1940. Current expenses during 1941 aggregated \$1,816,976 and surplus at the end of the year was \$3,612,681. Dividends paid during the year amounted to \$271,913.

The president of the bank for this district receives a salary of \$18,000 a year. There are 18 other officers whose salaries aggregate \$131,400. The number of employees, except those whose salaries are reimbursed to the bank, was 508 on December 31, 1941.

and their annual salaries were \$422,491. In addition to the 93 member banks in Colorado at the end of 1941 there were 51 non-member banks on the "par" list upon which checks may be drawn without deductions.

The Denver branch is managed by a board of seven directors of whom four are appointed by the federal reserve bank and three by the board of governors.

**FEDERAL DEPOSIT INSURANCE CORPORATION**

Congress passed an act following the bank holiday in 1933 creating the Federal Deposit Insurance corporation, the purpose of which was to insure deposits against bank failure up to a certain amount. National banks, state banks, Morris plan and industrial banks may have deposits guaranteed up to \$5,000 for each depositor by taking out insurance with the corporation. The insurance fund is created and maintained by member banks paying into the corporation one fourth of one per cent of their deposits. Colorado is in District No. 10, which includes besides this state, Wyoming, Nebraska, Kansas and Oklahoma. The headquarters for the district are at Kansas City. The corporation is under the control of the federal government, which subscribed \$150,000,000. The remainder of the capital was subscribed by members of the federal reserve system.

Of 144 commercial banks in Colorado at the close of 1941, 137 were insured, including 78 national banks members of the federal reserve system, 15 state banks members of the federal reserve system and 44 state banks not members. Total deposits of all banks were \$415,238,458, of which \$414,060,000 or 99.7 per cent were insured.

A table published elsewhere shows the assets and liabilities of operating commercial banks in Colorado insured by the Federal Deposit Insurance corporation, as of December 30, 1941, with comparisons with 1939.

**FARM CREDIT ADMINISTRATION**

The Farm Credit administration was created by an executive order effective May 27, 1933. It provided for the consolidation within one organization of substantially all the powers and functions of federal agencies dealing primarily with agricultural credit. The agencies placed under the jurisdiction of the administration included the federal land banks, the national farm loan associations, the land bank commissioner loans, the federal intermediate

credit banks, the regional agricultural credit corporations, the crop and seed loan offices, the agricultural marketing act revolving fund and the joint stock land banks. The farm credit act, approved June 16, 1933, added to this group the production credit corporations, the production credit associations, the central bank for co-operatives and the district banks for co-operatives. Other additions subsequently made were the federal farm mortgage corporation and federal credit unions.

The administration was transferred to the department of agriculture on July 1, 1939, under the president's reorganization Plan I.

Colorado is in District No. 9, which comprises Colorado, Kansas, New Mexico and Oklahoma. The district is served by a federal land bank, a federal intermediate credit bank, a production credit corporation, and a district bank for co-operatives, all of which are located at Wichita, Kansas. The Denver joint stock land bank, which also is under the farm credit administration, operates in Colorado and Wyoming. The central bank for co-operatives is located in Washington.

The system is essentially one for obtaining funds in the investment markets of the nation and making them readily available to farmers and their co-operative business organizations. The central, district and local organizations were established as permanent units of a complete farm credit system under the supervision of the farm credit administration. The federal land banks and the national farm loan associations provide long-term farm mortgage credit for farmers while the production credit associations, production credit corporations and federal intermediate credit banks comprise a short-term credit system for them. The central and district banks for co-operatives are a source of both long-term and short-term credit for farmers' co-operative associations.

The operations of the several agencies of the farm credit administration in Colorado are summarized briefly herewith under separate heads.

**Federal Land Bank**—While under the supervision of the secretary of the treasury, the federal land bank does not make "government loans," but is financed independently by the sale of bonds secured by farm mortgages and by sale of stock as hereinafter stated. The bank operates in connection with National Farm Loan associations composed of borrowers. Loans to individual members of an association

are limited to a maximum of \$50,000 and not less than \$100. Each borrower must be the owner-operator of the farm offered as security and must subscribe for association stock to the amount of five per cent of his loan, which the association invests in stock of the Federal Land bank. He shares proportionately in the profits of the association during the period of his loan, and upon the payment of his loan his stock is retired at its value, not to exceed par. All the mortgages and notes of members of an association must be indorsed by the association. Loans are made at rates not over one per cent higher than the interest rate on the last issue of bonds made by the bank prior to executing the loan, but not to exceed six per cent.

The federal farm loan act was amended by the emergency farm mortgage act, approved by the president on May 12, 1933, so that the federal land banks may make loans direct to farmers who give as security farms not situated within the territories of active national farm loan associations. The purposes for which loans may be made are: (a) to provide for the purchase of land for agricultural use; (b) to provide for the purchase of equipment, fertilizers and livestock; (c) to provide buildings and for the improvement of farm land; (d) to liquidate indebtedness incurred for agricultural purposes; and (e) to provide the owner with funds for general agricultural purposes. Contact between the farmer and the bank may be established by applying to the nearest farm loan association or to the Federal Land Bank of Wichita, at Wichita, Kansas.

In liberalizing the provisions for farm credit to meet an acute situation in 1933, the federal land banks were made agents for the land bank commissioner, who represents the Federal Farm Mortgage corporation, and were permitted to make second mortgage loans for the commissioner, junior to the first mortgage loans. The present maximum limit of the commissioner loans is \$7,500, and these can be made only when the first loan is held by the land bank. The loans are amortized over a long period of time, extending to as much as 33 years.

In the period 1917 to 1941, inclusive, the Federal Land bank and the commissioner made 24 159 loans in Colorado aggregating \$65,635,000. These include commissioner loans from August 23, 1933, to the end of 1941. Outstanding on December 31, 1941, were 15,522 loans aggregating \$33,171,164.

A table in this volume gives a summary of operations in Colorado of the land bank and commissioner, by calendar years, from 1936 to 1941, inclusive.

**Federal Intermediate Credit Bank**—The Federal Intermediate Credit Bank of Wichita, which is one of the 12 banks created under an act of congress approved March 4, 1923, serves the same territory, which includes Colorado, as the land bank. The function of the bank is to provide agricultural credit for periods that are "intermediate" between the usual maturities of short-term commercial bank loans and long-term farm mortgage loans. It makes loans to co-operative associations secured by warehouse receipts or shipping documents covering staple agricultural products or such other collateral as may be approved by the governor of the farm credit administration, and discounts for state and national banks, agricultural credit corporations, livestock loan companies and other financing institutions, notes of farmers and stockmen.

Loans to and discounts for financing institutions by the intermediate credit bank in Colorado outstanding on December 31 of the years named are as follows:

| Year | Amount      |
|------|-------------|
| 1934 | \$5,033,127 |
| 1935 | 3,045,624   |
| 1936 | 3,385,220   |
| 1937 | 3,800,007   |
| 1938 | 4,177,508   |
| 1939 | 4,360,359   |
| 1940 | 4,745,622   |
| 1941 | 5,083,939   |

**Production Credit Corporation**—The farm credit act of 1933 authorized the organization of a production credit system for farmers, consisting of 12 production credit corporations, located one in each federal land bank city, and local production credit associations to make loans to farmers for general agricultural purposes and to rediscount the notes of their borrowers with the federal intermediate credit banks. The organization of the production credit associations began late in 1933 and the corporations were engaged in 1934 in completing these organizations.

The production credit associations issue two classes of capital stock. Class A stock is non-voting, but preferred as to assets upon liquidation, and is purchased principally by the Production Credit corporation and also is available for purchase by private investors. Class B stock may be purchased only by the farmer-borrower and has all voting rights. This part of

the stock is paid in as loans are made, each borrower being required to own Class B stock to the amount of his loan.

There are eight production credit associations in Colorado with a total authorized capital of \$3,260,000, the number and capital having remained unchanged from 1934 to 1941, inclusive.

A table in this volume gives a summary of operations of the Production Credit corporation in Colorado for calendar years 1937 to 1941, inclusive.

**Banks for Co-Operatives**—The central bank for co-operatives and 12 district banks were established in 1933 pursuant to the farm credit act of that year to extend credit on a business basis to farmers' co-operative associations. The central bank has its headquarters at Washington and the bank for the ninth district, in which Colorado is located, is at Wichita, Kansas.

To be eligible to borrow from a bank for co-operatives, a co-operative association must be one in which farmers act together in:

Processing, preparing for market, handling or marketing farm products; purchasing, testing, grading, processing, distributing or furnishing farm supplies; or furnishing farm business service. To be eligible, an association must be operated for the mutual benefit of its members; must not do business with non-members in an amount greater in value than its business with members, and no member may have more than one vote in an association or be entitled to dividends in excess of 8 per cent a year.

The banks may make loans to co-operatives on the security of commodities at a rate of interest as low as that of the federal intermediate credit banks and rediscount these loans with the federal intermediate credit banks, which formerly made such loans directly. Also, they may make loans on physical facilities to every type of eligible co-operative, rather than to market associations only, and these loans may be made for amounts up to 60 per cent of the value of the security offered. Co-operatives performing farm business services also are eligible for loans.

Loans outstanding in Colorado on December 31 of specified years are as follows:

|      | Number | Amount     |
|------|--------|------------|
| 1935 | 14     | \$ 387,580 |
| 1936 | 17     | 999,861    |
| 1937 | 20     | 1,054,589  |
| 1938 | 27     | 1,922,753  |
| 1939 | 24     | 1,953,686  |
| 1940 | 27     | 1,222,631  |
| 1941 | 32     | 1,173,212  |

**Regional Agricultural Credit Corporations**—These corporations were organized under the emergency relief act of 1932 under charters from the Reconstruction Finance corporation, to meet the pressing need of short-term agricultural credit, particularly in the livestock industry. After production credit associations began to function, offering permanent sources of this type of credit, these temporary credit corporations were placed in orderly liquidation on May 1, 1934.

Colorado is in the Ninth Farm Credit district, with regional corporation at Wichita, Kansas. There were 4,340 loans aggregating \$8,414,153 outstanding in Colorado on April 30, 1934. These had been reduced to 12 loans aggregating \$31,416 on December 31, 1941, a decrease from April 30, 1934, to the end of 1941 of 99.6 per cent.

**Emergency Crop and Feed Loan Offices**—This section is under the jurisdiction and control of the Production Credit division of the Farm Credit administration and its purpose is to make loans to farmers for crop production, harvesting and summer fallowing and for the purchase of feed for livestock. The loans are restricted to applicants unable to make loans from any other agency and who show their willingness to cooperate in crop control programs, and to emergency purposes in drouth- and storm-stricken areas.

Loans made in Colorado, by years, are as follows:

|                 | Number | Amount      |
|-----------------|--------|-------------|
| 1921-1935 ..... | 28,448 | \$4,360,344 |
| 1936 .....      | 1,864  | 239,595     |
| 1937 .....      | 2,432  | 396,205     |
| 1938 .....      | 979    | 142,955     |
| 1939 .....      | 623    | 95,765      |
| 1940 .....      | 1,518  | 262,285     |
| 1941 .....      | 1,763  | 306,520     |

Balances outstanding, and per cent of loans made, on December 31, 1941, for Colorado, are as follows:

| Loans made in—  | Amount Outstanding | Per Cent |
|-----------------|--------------------|----------|
| 1918-1939 ..... | \$2,493,599        | 47.6     |
| 1940 .....      | 54,314             | 20.7     |
| 1941 .....      | 166,078            | 54.2     |

**Drouth Relief Loans**—There were 7,408 drouth relief loans made in Colorado in 1934-35 aggregating \$2,333,062, of which \$1,111,777 or 47.7 per cent was outstanding on December 31, 1941.

**Joint Stock Land Bank**—The Denver Joint Stock Land bank is one of the privately organized institutions chartered under the provisions of the federal farm loan act approved July 17,

1916. The joint stock banks were financed much the same as any other bank or industrial corporation. The emergency farm mortgage act of 1933, approved May 12, provided that after the enactment of the act, no joint stock land bank shall issue any tax-exempt bonds or make any farm loans except such as are necessary and incidental to the refinancing of existing loans or bond issues or to the sale of any real estate now owned or hereafter acquired by such bank. Provisions were made for the orderly liquidation of these banks.

The Denver bank is making considerable progress toward liquidation. The gross assets were reduced from \$6,461,051 at the end of 1938 to \$4,197,808 at the end of 1941, a decrease of 34.8 per cent. Bond and notes payable were reduced in the same period from \$4,576,945 to \$2,171,701 or 52.6 per cent.

The liabilities of the Denver bank on December 31, 1941, were as follows:

|  |             |
|--|-------------|
| Farm loan bonds.....                         | \$1,742,000 |
| Notes payable.....                           | 429,701     |
| Miscellaneous liabilities.....               | 87,605      |
| Capital stock.....                           | 1,184,800   |
| Surplus, reserves and undivided profits..... | 670,428     |
| Total .....                                  | \$4,114,534 |

**Federal Credit Unions**—Federal credit unions are authorized by the federal credit union act, approved June 26, 1934, which charges the governor of the Farm Credit administration with the duty of chartering, regulating and examining such organizations.

The status of the unions in Colorado as of June 30, 1941, are as follows:

|                                |           |
|--------------------------------|-----------|
| Number of unions.....          | 52        |
| Members .....                  | 8,305     |
| Share balance.....             | \$425,021 |
| Loans outstanding to members.. | 425,718   |
| Total assets.....              | \$478,356 |

Federal credit unions are co-operative thrift and lending organizations in which memberships are limited to groups having common bonds of occupation or association or living within well-defined neighborhoods, communities or rural districts. A member of a union must purchase at least one \$5 share in the organization. Loans may be made to members only for provident or productive purposes. Such loans must have maturities not exceeding two years and may be made at rates of interest not exceeding one per cent a month on unpaid balances, inclusive of all charges incidental to making the loans.

**FARM CREDIT ADMINISTRATION: SUMMARY OF OPERATIONS IN COLORADO OF THE FEDERAL LAND BANK AND LAND BANK COMMISSIONER, BY CALENDAR YEARS**

(Source: Farm Credit Administration)

Note—The Land Bank Commissioner is the agent of the Federal Farm Mortgage Corporation under act approved January 31, 1934. The Emergency Farm Mortgage act of 1933 made available to him \$200,000,000 to meet an urgent demand for additional and more liberal farm mortgage credit than could be provided by the existing farm credit units. Officers of the corporation are employees of the Farm Credit administration and receive no additional compensation from the corporation.

|  | 1941         | 1940         | 1939         | 1938         | 1937         | 1936         |
|--|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>FEDERAL LAND BANK AND LAND BANK COMMISSIONER</b>                      |              |              |              |              |              |              |
| Loan applications received:  |              |              |              |              |              |              |
| Number .....   | 949          | 1,035        | 1,135        | 1,140        | 1,000        | 1,581        |
| Amount .....   | \$ 4,399,700 | \$ 4,803,500 | \$ 5,122,900 | \$ 5,177,800 | \$ 4,467,300 | \$ 7,328,500 |
| Loans closed:  |              |              |              |              |              |              |
| Number .....   | 732          | 673          | 553          | 489          | 693          | 1,258        |
| Amount .....   | \$ 1,942,300 | \$ 1,717,400 | \$ 1,324,000 | \$ 1,157,700 | \$ 1,714,700 | \$ 3,218,000 |
| Loans outstanding Dec. 31:   |              |              |              |              |              |              |
| Number .....   | 15,522       | 15,684       | 15,702       | 15,927       | 16,494       | 16,597       |
| Amount .....   | \$33,171,164 | \$34,509,961 | \$35,371,465 | \$36,938,883 | \$38,926,311 | \$39,514,543 |
| Purposes for loans (percentages):  |              |              |              |              |              |              |
| Refinancing indebtedness .....   | 64.4         | ...          | ...          | ...          | ...          | ...          |
| Bank .....   | (1)          | 71.9         | 74.7         | 69.9         | 74.4         | 83.7         |
| Commissioner .....   | (1)          | 76.6         | 78.4         | 77.2         | 75.3         | 89.3         |
| Purchase of land and redemption from foreclosure .....                   | 28.4         | ...          | ...          | ...          | ...          | ...          |
| Bank .....   | (1)          | 17.8         | 16.2         | 18.8         | 15.8         | 6.6          |
| Commissioner .....   | (1)          | 19.7         | 18.5         | 20.3         | 21.1         | 5.4          |
| General agricultural uses, including buildings and improvements .....    | 2.8          | ...          | ...          | ...          | ...          | ...          |
| Bank .....   | (1)          | 4.0          | 2.8          | 5.0          | 3.5          | 3.4          |
| Commissioner .....   | (1)          | 3.0          | 2.3          | 1.8          | 2.9          | 4.6          |
| National Farm Loan Association stock .....                               | 3.1          | ...          | ...          | ...          | ...          | ...          |
| Bank .....   | (1)          | 5.0          | 5.0          | 5.0          | 5.0          | 5.0          |
| Commissioner .....   | (1)          | ...          | ...          | ...          | ...          | ...          |
| Loan fees .....  | 1.3          | ...          | ...          | ...          | ...          | ...          |
| Bank .....   | (1)          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          |
| Commissioner .....   | (1)          | .7           | .8           | .7           | .7           | .7           |
| <b>FEDERAL LAND BANK*</b>  |              |              |              |              |              |              |
| Loans closed:  |              |              |              |              |              |              |
| Number .....   | 314          | 283          | 234          | 214          | 261          | 460          |
| Amount .....   | \$ 1,206,200 | \$ 1,044,800 | \$ 792,200   | \$ 721,100   | \$ 967,000   | \$ 1,755,800 |
| Loans outstanding, Dec. 31:  |              |              |              |              |              |              |
| Number .....   | 9,203        | 9,345        | 9,432        | 9,596        | 9,958        | 10,159       |
| Amount .....   | \$24,304,220 | \$25,142,362 | \$25,699,057 | \$26,656,946 | \$27,839,256 | \$28,425,695 |
| With all maturities paid in full:  |              |              |              |              |              |              |
| Number .....   | 7,335        | 6,676        | 6,776        | 6,341        | 6,525        | 6,693        |
| Per cent. ....   | 79.7         | 71.4         | 71.9         | 66.1         | 65.5         | 65.9         |
| With all unpaid installments extended with no delinquency in extensions: |              |              |              |              |              |              |
| Number .....   | 335          | 241          | 144          | 691          | 881          | 964          |
| Per cent. ....   | 3.7          | 2.6          | 1.5          | 7.2          | 8.9          | 9.5          |
| Classified as delinquent:  |              |              |              |              |              |              |
| Number .....   | 1,533        | 2,428        | 2,512        | 2,564        | 2,452        | 2,464        |
| Per cent. ....   | 16.6         | 11.1         | 26.6         | 26.7         | 24.6         | 24.2         |
| Farms owned outright, Dec. 31:†  |              |              |              |              |              |              |
| Number .....   | 604          | 1,029        | 1,149        | 1,138        | 1,002        | 819          |
| Investment .....   | \$ 1,932,693 | \$ 3,042,876 | \$ 3,414,127 | \$ 3,508,322 | \$ 3,230,858 | \$ 2,915,204 |
| Sheriffs' certificates, etc.:  |              |              |              |              |              |              |
| Number .....   | 42           | 51           | 140          | 161          | 214          | 353          |
| Investment .....   | \$ 98,754    | \$ 161,119   | \$ 433,668   | \$ 473,465   | \$ 710,466   | \$ 1,314,746 |

(1) Not segregated.

\*Exclusive of Land Bank Commissioner. Included in combined figures above. Commissioner loans may be determined by deducting land bank loans from above combined totals.

†In addition Federal Farm Mortgage Corp. (Commissioner) owned 212 farms and 13 sheriffs' certificates at the end of 1941; 368 and 10 at the end of 1940; 407 and 38 at end of 1939; 284 and 59 at end of 1938; 143 and 50 at end of 1937; not reported by states for prior years.

**FARM CREDIT ADMINISTRATION: SUMMARY OF OPERATIONS IN COLORADO OF THE PRODUCTION CREDIT ASSOCIATIONS, BY CALENDAR YEARS**

(Source: Farm Credit Administration)

Note—See text for explanation of Class A and Class B stock.

|   | 1941         | 1940         | 1939         | 1938         | 1937         |
|---|--------------|--------------|--------------|--------------|--------------|
| Number of Associations....                                      | 8            | 8            | 8            | 8            | 8            |
| Paid-in capital:  |              |              |              |              |              |
| Class A stock.....  | \$ 952,565   | \$ 955,340   | \$ 1,345,800 | \$ 1,397,875 | \$ 1,444,150 |
| Class B stock.....  | 493,370      | 442,215      | 399,070      | 355,405      | 323,460      |
| Total .....   | \$ 1,445,935 | \$ 1,397,555 | \$ 1,744,870 | \$ 1,753,280 | \$ 1,767,610 |
| Number Class B stockholders                                     | 2,133        | 2,061        | 1,915        | 1,752        | 1,751        |
| Number loan applications received .....                         | 2,344        | 2,519        | 2,384        | 2,347        | 2,473        |
| Loans closed:   |              |              |              |              |              |
| Number .....  | 2,041        | 2,001        | 1,825        | 1,663        | 1,580        |
| Amount .....  | \$11,689,447 | \$10,271,332 | \$ 8,947,843 | \$ 7,728,581 | \$ 6,842,471 |
| Loans outstanding Dec. 31:                                      |              |              |              |              |              |
| Number .....  | 1,672        | 1,662        | 1,551        | 1,358        | 1,164        |
| Amount .....  | \$ 4,807,124 | \$ 4,441,212 | \$ 4,083,666 | \$ 3,566,789 | \$ 3,139,532 |
| Number of farmers or stockmen owning Class B stock              | 2,150        | 2,073        | 1,780        | 1,747        | 1,866        |
| Number of persons attending annual stockholders' meetings ..... | 1,932        | 1,741        | 1,654        | 1,539        | 980          |

**FEDERAL HOME LOAN BANK BOARD**

The Federal Home Loan Bank board was created by an act of congress approved July 22, 1932, primarily to concentrate its activities in the field of thrift and home finance. The responsibilities of the board were materially increased by subsequent congressional enactments. It conducts its operations through four separate agencies, as follows:

(1) The Federal Home Loan Bank system, a permanent credit reserve structure, the members of which are thrift and home-financing institutions—which consist of savings and loan associations, co-operative banks, homestead associations, life insurance companies and mutual savings banks, either state or federally chartered.

(2) The Home Owners' Loan corporation, to relieve mortgage distress by making loans directly to urban home owners during a 3-year period, which expired in June, 1936.

(3) The Savings and Loan division, which advises with existing thrift and home-financing institutions concerning membership in the federal home loan bank system, insurance of share accounts or conversion to federal charter, and with new groups in relation to the organization of federal savings and loan associations.

(4) The Federal Savings and Loan Insurance corporation, established in 1934, to renew confidence in savings and loan associations and to encourage sound and economical home financing by protecting against loss the savings of the people through federal associations or through such state chartered institutions of the savings, building and loan type as become insured.

A review of the activities of the separate agencies in Colorado is given herewith under their respective heads.

**Federal Home Loan Bank System—**The federal home loan bank system was created by act of congress approved July 22, 1932. Twelve districts were created, in each of which was established a federal home loan bank. Colorado was included in the tenth district, comprising Colorado, Kansas, Nebraska and Oklahoma, and the bank for this district, known as the Federal Home Loan bank, was established at Topeka, Kansas. This bank, with the others, was formally opened for business on October 15, 1932.

The system was created to give greater flexibility and expansion of lending powers to member building and loan associations, mutual savings banks, insurance companies and similar private thrift and home-financing institutions. It is a permanent credit-reserve structure for the use of private

home-financing institutions very much as the federal reserve system permits commercial banks to increase their credit for industry. It does not make loans direct to home owners for relief or any other purpose. The first objective of the system was to relieve the pressure on home owners who had already borrowed from such member institutions through the discount of members' notes secured by home mortgages, to procure capital for extending maturing loans. It was then expanded to encourage home ownership by providing funds at reasonable interest rates and by supporting the best practices of mortgage-lending institutions.

The number of institutions in Colorado members of the Home Owners Bank system and the combined amount of their assets at the close of fiscal years ending June 30, are as follows:

| Year      | Members | Combined Assets |
|-----------|---------|-----------------|
| 1938..... | 40      | \$27,105,000    |
| 1939..... | 40      | 29,044,000      |
| 1940..... | 39      | 31,556,000      |
| 1941..... | 39      | 34,997,000      |

The interest rates charged members in Colorado in effect on July 1, 1941, was 3 per cent, the same which has prevailed for several years.

Advances to members outstanding in District 10, to which district Colorado belongs, on June 30 of years named are as follows:

| Year      | Amount       |
|-----------|--------------|
| 1934..... | \$ 3,945,825 |
| 1935..... | 2,938,711    |
| 1936..... | 6,108,935    |
| 1937..... | 8,038,542    |
| 1938..... | 11,284,315   |
| 1939..... | 10,760,610   |
| 1940..... | 9,122,589    |
| 1941..... | 7,890,635    |

**Home Owners' Loan Corporation—**The Home Owners' Loan corporation was organized by the home loan bank board immediately after an act of congress authorizing its creation was approved on June 13, 1933. The act subsequently was amended three times.

The major purpose of the corporation was to refinance mortgages of urban home owners in actual danger of losing their homes through foreclosure and thus enable them to save their home property by assuming a new and more convenient loan. No applicant was eligible for a loan on his home who could secure the necessary financial aid elsewhere.

The lending activities of the corporation ended June 12, 1936. Most of the loans made were to be repaid on a monthly basis over a period of

15 years, and the organization, of necessity, will continue intact for many years in the management of the property under its jurisdiction, collection of loans and liquidating properties which come into its possession through foreclosures. An amendment to the act approved August 11, 1939, authorized the corporation to extend the amortization period of its mortgage loans from 15 years to a maximum of 25 years at the discretion of the board. Also, the interest rate has been reduced to 4½% on all payments due on and after October 16, 1939.

In the period from June 13, 1933, to the close of its lending activities on June 12, 1936, the corporation had applications for 19,726 loans on Colorado homes. Of these 11,626 loans for an aggregate of \$22,922,421 were closed.

There were 10,156 accounts outstanding in Colorado on June 30, 1940, amounting approximately to \$19,692,484, the unpaid balance being \$14,685,576. On June 30, 1941, the average original loan was \$1,943 and the average outstanding balance was \$1,399. Net foreclosure authorizations on original loans cumulative to June 30, 1941, were 1,202 or 10.4 per cent of total loans closed.

**Federal Savings and Loan Associations—**The federal home loan corporation act of congress, which became a law on June 13, 1933, contained a provision for the creation of local thrift institutions in which people may invest their funds. The funds thus assembled are to be used in financing homes in the territory in which such associations are located and within 50 miles of the office of the association. The associations are chartered by the federal home loan corporation and are known as federal savings and loan associations. Local capital must take stock and local people must operate them. Associations cannot be set up in communities already adequately served by existing institutions doing the same class of business. Provisions are included for the conversion of state building and loan associations into federal savings and loan associations, if desired. The building up of loanable funds in widely distributed areas is intended to give a safe investment for savers and promote the building of modest homes by citizens who would otherwise find no access to capital for such purposes.

The number of federal savings and loan associations in the state increased from 17 on December 31, 1934, to 23 on June 30, 1941.

From the organization of the first association in 1934 down to June 30,

1941, the Colorado members of the system made mortgage loans in the state for construction, home purchasing, refinancing, repairs and reconditioning and other purposes aggregating \$28,071,697, and loans outstanding on the last named date amounted to \$19,238,100. The assets of the Colorado members increased from \$2,417,244 in 1935 to \$23,873,000 in 1941.

An accompanying table shows the status of Colorado associations members of the federal home loan bank system on June 30 of specified years. Another table gives a summary of mortgage loans of members by fiscal years.

**Federal Savings and Loan Insurance Corporation**—The Federal Savings and Loan Insurance corporation was created under a provision in the national housing act approved June 27, 1934. The corporation is governed by a board of trustees identical in membership with the Federal Home Loan Bank board. It has a capital of \$100,000,000, subscribed for by the Federal Home Owners' Loan corporation. It is the function of the corporation to

insure the accounts of solvent home-financing institutions of the building and loan type, thereby making available to these institutions and their investors protection comparable to that offered commercial banks and their depositors through the Federal Deposit Insurance corporation. Insurance guaranteeing solvency of the institutions up to \$5,000 to each investor is compulsory for federal savings and loan associations and optional for state chartered institutions.

There were 39 institutions with assets of \$34,997,000 members of the federal home loan bank system in Colorado on June 30, 1941, of which 31 were insured associations with assets of \$31,586,000. The ratio of insured associations to all savings and loan members was 79.5 and the ratio of assets of insured associations to all associations was 90.3. This compares with ratios of 60.8 and 68.3, respectively, for the United States.

The distribution of all insured associations in the state on June 30, 1941, is shown in a separate table.

**FEDERAL SAVINGS & LOAN ASSOCIATIONS: STATUS OF COLORADO MEMBERS OF THE FEDERAL HOME LOAN BANK SYSTEM AS OF JUNE 30 OF SPECIFIED YEARS**

(Source: Federal Home Loan Bank Board)

|  | 1941         | 1940         | 1939         | 1938         | 1935         |
|--|--------------|--------------|--------------|--------------|--------------|
| Number of associations chartered .....                       | 23           | 23           | 23           | 24           | 20           |
| Mortgage loans outstanding                                   | \$19,238,100 | \$16,774,000 | \$14,053,800 | \$11,560,825 | \$ 1,766,826 |
| Assets .....   | 23,873,000   | 21,180,000   | 19,132,000   | 17,268,000   | 2,417,244    |
| Number private investors in repurchasable shares.            | 20,517       | 17,397       | 15,127       | 13,791       | 2,249        |
| Private repurchasable capital .....                          | \$18,166,900 | \$15,510,700 | \$13,414,000 | \$11,646,927 | \$ 1,722,648 |
| Investments of U. S. treasury and Home Owners Loan Corp..... | 7,599,200    | 8,734,200    | 2,594,500    | 2,615,000    | 250,500      |

**FEDERAL SAVINGS AND LOAN INSURANCE CORPORATION: NUMBER AND ASSETS OF ALL INSURED ASSOCIATIONS IN COLORADO AND NUMBER OF INVESTORS IN REPURCHASABLE SHARES AS OF JUNE 30, 1939**

(Source: Federal Home Loan Bank Board)

|                                   | Number of Associations | Private Shareholders | Assets       |
|-----------------------------------|------------------------|----------------------|--------------|
| New federals.....                 | 14                     | 5,084                | \$ 5,646,000 |
| Converted federals.....           | 9                      | 15,433               | 18,227,000   |
| State-chartered associations..... | 8                      | 6,132                | 7,713,000    |
| Total, all insured.....           | 31                     | 26,649               | \$31,586,000 |

**FEDERAL SAVINGS AND LOAN ASSOCIATIONS: SUMMARY OF MORTGAGE LOANS MADE IN FISCAL YEARS ENDING JUNE 30, BY COLORADO MEMBERS OF THE FEDERAL HOME LOAN BANK SYSTEM**

(Source: Federal Home Loan Bank Board)

|   | 1941        | 1940        | 1939        | 1938        | 1937        | 1936        |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Construction . . . . .                    | \$2,193,800 | \$1,935,600 | \$1,309,000 | \$ 859,000  | \$1,549,100 | \$ 440,511  |
| Home purchase . . . . .                   | 2,365,600   | 2,009,600   | 1,661,100   | 1,354,100   | 1,299,600   | 460,202     |
| Refinancing* . . . . .                    | 1,361,800   | 1,407,300   | 1,247,800   | 941,000     | 705,100     | 717,166     |
| Repairs and recon-<br>ditioning . . . . . | 221,700     | 257,500     | 288,800     | 253,400     | 214,300     | 75,000      |
| Other purposes . . . . .                  | 514,400     | 487,800     | 543,900     | 327,500     | 254,400     | 357,139     |
| Total . . . . .                           | \$6,657,300 | \$6,097,800 | \$5,050,600 | \$3,735,000 | \$4,022,500 | \$2,050,018 |

\*Refinancing of associations' own mortgages includes only the amount of increase in the mortgage.

**CREDIT UNIONS**

Co-operative societies, known as credit unions, may be incorporated in Colorado for the purpose of promoting thrift among their members and creating a source of credit for them at reasonable rates of interest for provident purposes under an act of the legislature approved April 4, 1931. Any seven residents of the state may apply to the state bank commissioner, under whose jurisdiction the law is administered, for permission to organize a union.

A credit union is empowered to receive savings of its members as payment on shares of its stock or as deposits in Christmas clubs, vacation clubs and similar thrift movements; to make loans to its members, to borrow money, to invest in any legal savings bank or trust funds in the state; and make loans to other co-operative societies having membership in the union. A credit union is composed for the most part of groups, both large and small, having a common bond of occupation or association or to groups within a well-defined neighborhood, community or rural district.

Each member of a credit union is required to subscribe for at least one share of its stock of not more than \$10 par value. Proceeds from the sale of shares furnish the capital upon which it operates. The law provides for the form of organization, manner of electing officers, naming committees, making annual reports to the bank commissioner, establishment of entrance fees, for the payment of dividends on the stock, rates of interest on loans and for the general operation of a union. Applications for the forming of a union are made to the

bank commissioner on blanks furnished by him.

The first organization in the state formed under the law was the Utah Junction Employes Credit Union, which received its charter on May 27, 1931. It began operations with 339 shareholders. There were 57 credit unions in the state as of January 1, 1942, reporting to the bank commissioner, of which 40 are in Denver, six in Pueblo, two in Colorado Springs, two in Alamosa, two in Greeley and one each in Utah Junction, Englewood, Trinidad, Canon City and Antonito. Among the unions so formed are credit unions for the employees of the state, of the city and county of Denver, the postoffice and mint in Denver, the public schools in Denver and Pueblo, the university medical school and numerous private industrial and public utility companies.

**NATIONAL INCOME AND COLORADO INCOME PAYMENTS**

Estimates of national income and of income payments to individuals are made at recurring intervals by the United States bureau of foreign and domestic commerce. While the two are closely interrelated, the bases upon which they are computed makes it necessary to distinguish one from the other. National income is a comprehensive measure of the net value of the commodities and services produced by the economic enterprises of the country, both private and public. Income payments represent the consumer income of individuals in the form of payments to them, and indicate the purchasing power of the public. National income is not broken down by states, but income payments are thus distributed.

Income payments to individuals in Colorado in 1940 aggregated \$621,000,000, the highest in a period of 12 years and \$15,000,000 in excess of 1929, the second highest for the period. In the United States as a whole, income payments in 1940 lacked \$6,720,000,000 of reaching the total of \$82,232,000,000 in 1929. A better measure of Colorado's recovery is found in the per capita income payments. These were \$551 per capita in 1940 as against \$573

for continental United States. In that year the per capita payments by states ranged from a low of \$195 for Mississippi to a high of \$1,022 for the District of Columbia, with Colorado ranking 20th among the states.

An accompanying table shows amounts (in millions of dollars) of payments in Colorado from 1929 to 1940, inclusive, by types, and the per capita payments for Colorado and continental United States for the same period.

#### INCOME PAYMENTS TO COLORADO INDIVIDUALS: TOTALS BY TYPES OF PAYMENTS, AND PER CAPITA PAYMENTS, BY YEARS

(Source: U. S. Bureau of Foreign and Domestic Commerce)

Note—Included in income payments are salaries and wages; net of employee contributions to social security and other retirement funds; relief and unemployment benefits, pension disbursements, and workmen's compensation; entrepreneurial withdrawals (income of self-employed persons available for personal use); and capital return in the form of dividends, interest, and net rentals and royalties. Excluded are business savings and employer contributions to social security and other retirement funds, which are component of the national income as distinguished from income payments to individuals.

| Year      | Amounts of payments, by types, in millions of dollars |                    |                        |                           |                | Per Capita Payments |               |
|-----------|---|--------------------|------------------------|---------------------------|----------------|---------------------|---------------|
|           | Net Salaries and Wages                                | Other Labor Income | Entrepreneurial Income | Dividends, Interest, Etc. | Total Payments | Colorado            | United States |
| 1929..... | \$384   | \$ 11              | \$109                  | \$102                     | \$606          | \$589               | \$677         |
| 1930..... | 351   | 11                 | 145                    | 97                        | 604            | 582                 | 606           |
| 1931..... | 298   | 22                 | 108                    | 83                        | 511            | 489                 | 512           |
| 1932..... | 238   | 16                 | 58                     | 65                        | 377            | 360                 | 394           |
| 1933..... | 216   | 23                 | 75                     | 56                        | 370            | 352                 | 372           |
| 1934..... | 238   | 36                 | 82                     | 65                        | 421            | 396                 | 426           |
| 1935..... | 254   | 42                 | 94                     | 72                        | 462            | 429                 | 461           |
| 1936..... | 293   | 61                 | 105                    | 89                        | 548            | 506                 | 531           |
| 1937..... | 324   | 49                 | 140                    | 89                        | 602            | 547                 | 560           |
| 1938..... | 303   | 54                 | 117                    | 73                        | 547            | 492                 | 511           |
| 1939..... | 329   | 54                 | 128                    | 79                        | 590            | 529                 | 541           |
| 1940..... | 350   | 56                 | 131                    | 84                        | 621            | 551                 | 573           |

#### OUTSTANDING COLORADO STATE, MOFFAT TUNNEL, COUNTY, SCHOOL DISTRICT AND MUNICIPAL BONDS AS OF JANUARY 1, BY YEARS

Note—The table makes no allowance for sinking funds or other reserves against bonds, or for issues payable solely from the earnings of municipal utilities. Also it includes some issues which have been assumed by private utility companies but which still are legal obligations against the municipalities. A break-down of this table by counties as of January 1, 1942, is given elsewhere in this volume.

| YEAR      | State        | Tunnel       | County General and School | School District | Municipal    | Total         | Per Cent Change |
|-----------|--------------|--------------|---------------------------|-----------------|--------------|---------------|-----------------|
| 1929..... | \$10,753,400 | \$15,470,000 | \$3,046,816               | \$30,163,705    | \$63,819,155 | \$123,253,076 | ....            |
| 1930..... | 9,765,300    | 15,470,000   | 2,890,040                 | 30,033,459      | 63,088,013   | 121,246,812   | -1.7            |
| 1931..... | 8,864,700    | 15,470,000   | 2,712,030                 | 29,398,340      | 62,848,230   | 119,293,300   | -1.6            |
| 1932..... | 7,474,100    | 15,470,000   | 2,527,600                 | 29,147,800      | 62,909,100   | 117,528,600   | -1.5            |
| 1933..... | 7,200,200    | 15,470,000   | (1)                       | (1)             | (1)          | 115,483,700   | -1.8            |
| 1934..... | 5,428,200    | 15,470,000   | 2,449,630                 | 27,063,340      | 60,254,050   | 110,665,220   | -4.4            |
| 1935..... | (2)          | (2)          | (2)                       | (2)             | (2)          | (2)           | ....            |
| 1936..... | 4,766,200    | 15,470,000   | 2,168,250                 | 25,353,530      | 63,470,630   | 111,228,610   | +0.5            |
| 1937..... | 4,039,946    | 15,470,000   | 2,097,680                 | 24,391,730      | 63,652,930   | 109,652,286   | -1.4            |
| 1938..... | 4,009,700    | 15,470,000   | 1,930,000                 | 23,360,560      | 61,959,640   | 106,729,900   | -2.7            |
| 1939..... | 3,636,200    | 15,470,000   | 1,954,900                 | 23,254,640      | 60,650,000   | 104,965,740   | -1.7            |
| 1940..... | 3,257,700    | 15,470,000   | 1,757,600                 | 21,527,090      | 58,696,200   | 100,708,590   | -4.2            |
| 1941..... | 2,888,200    | 15,470,000   | 1,626,300                 | 20,336,350      | 57,584,500   | 97,905,350    | -2.9            |
| 1942..... | 2,539,200    | 15,470,000   | 1,488,300                 | 18,960,765      | 56,436,090   | 94,894,355    | -3.2            |

(1)Not segregated but included in the total.

(2)No canvass made.

**OUTSTANDING COUNTY, SCHOOL DISTRICT AND MUNICIPAL BONDS, BY COUNTIES, JANUARY 1, 1942**

Note—Per capita bonds outstanding: state, \$2.26; tunnel, \$13.77; county (general and school), \$1.32; school districts, \$16.88; municipal (general and special), \$50.24; all combined, \$84.47.

| County      | County General | County School | School District | Municipal    |             |              | County Total |
|-------------|----------------|---------------|-----------------|--------------|-------------|--------------|--------------|
|             |                |               |                 | General      | Special     | Total        |              |
| Adams       |                |               | \$ 422,200      | \$ 283,500   | \$ 185,000  | \$ 468,500   | \$ 890,700   |
| Alamosa     | \$ 13,500      |               | 178,550         | 247,500      | 110,000     | 357,500      | 549,550      |
| Arapahoe    |                |               | 452,300         | 132,500      | 464,000     | 596,500      | 1,048,800    |
| Archuleta   |                |               | 73,500          | 22,500       |             | 22,500       | 96,000       |
| Baca        | 9,000          |               | 154,600         | 114,200      | 53,900      | 168,100      | 331,700      |
| Bent        | 11,300         | \$ 54,000     | 46,550          | 38,000       | 61,750      | 99,750       | 211,600      |
| Boulder     | 100,000        |               | 517,100         | 424,000      | 129,100     | 553,100      | 1,170,200    |
| Chaffee     |                |               | 71,000          | 163,000      |             | 163,000      | 234,000      |
| Cheyenne    |                | 39,000        | 88,000          | 31,000       | 10,000      | 41,000       | 168,000      |
| Clear Creek |                |               | 99,500          | 44,000       |             | 44,000       | 143,500      |
| Conejos     |                |               | 201,600         | 119,400      | 3,500       | 122,900      | 324,500      |
| Costilla    |                |               | 127,500         |              |             |              | 127,500      |
| Crowley     | 55,000         |               | 371,500         | 87,500       |             | 87,500       | 514,000      |
| Custer      |                | 19,000        | 4,300           |              |             |              | 23,300       |
| Delta       |                |               | 146,250         | 467,200      | 32,200      | 499,400      | 645,650      |
| Denver      |                |               | 5,286,000       | 131,983,000  | 2,958,700   | 34,941,700   | 40,227,700   |
| Dolores     | 47,000         |               | 20,900          |              |             |              | 67,900       |
| Douglas     |                | 18,000        | 16,000          | 41,500       | 10,800      | 52,300       | 86,300       |
| Eagle       |                |               | 53,750          | 54,500       |             | 54,500       | 108,250      |
| Elbert      |                |               | 46,500          | 17,000       |             | 17,000       | 63,500       |
| El Paso     |                |               | 788,500         | 2,016,900    | 17,000      | 2,033,900    | 2,822,400    |
| Fremont     |                |               | 459,000         | 453,800      | 168,000     | 621,800      | 1,080,800    |
| Garfield    | 76,000         | 2,000         | 270,950         | 359,000      | 41,500      | 400,500      | 749,450      |
| Gilpin      |                | 12,000        | 12,500          | 48,500       |             | 48,500       | 73,000       |
| Grand       | 18,000         |               | 69,800          | 51,000       |             | 51,000       | 138,800      |
| Gunnison    | 12,000         | 85,000        | 194,000         | 142,500      | 22,000      | 164,500      | 455,500      |
| Hinsdale    | 17,500         |               |                 | 8,500        |             | 8,500        | 26,000       |
| Huerfano    |                | 12,500        | 102,500         | 338,000      | 205,000     | 543,000      | 688,000      |
| Jackson     |                |               | 38,400          | 38,400       |             | 38,400       | 76,800       |
| Jefferson   |                |               | 461,000         | 226,500      | 257,700     | 484,200      | 945,200      |
| Kiowa       |                |               | 133,000         | 7,000        |             | 7,000        | 140,000      |
| Kit Carson  |                |               | 209,600         | 228,750      | 66,600      | 295,350      | 504,950      |
| Lake        |                |               |                 |              |             |              |              |
| La Plata    |                |               | 157,500         | 458,000      | 32,240      | 490,240      | 647,740      |
| Larimer     | 126,000        |               | 850,100         | 2,132,500    | 227,100     | 2,409,600    | 3,385,700    |
| Las Animas  |                |               | 244,000         | 1,071,000    | 666,000     | 1,737,000    | 1,981,000    |
| Lincoln     | 45,000         |               | 142,800         | 29,500       | 31,000      | 60,500       | 248,300      |
| Logan       |                | 16,000        | 318,200         | 472,500      | 112,500     | 585,000      | 919,200      |
| Mesa        | 60,000         |               | 604,450         | 667,750      | 295,800     | 963,550      | 1,628,000    |
| Mineral     |                |               |                 | 29,000       | 5,000       |              | 34,000       |
| Moffat      |                |               | 66,200          | 42,000       |             | 42,000       | 108,200      |
| Montezuma   |                |               | 117,200         | 246,000      | 24,500      | 270,500      | 387,700      |
| Montrose    | 36,000         | 138,500       | 104,750         | 288,500      |             | 288,500      | 567,750      |
| Morgan      |                |               | 587,000         | 70,000       | 47,100      | 117,100      | 704,100      |
| Otero       |                |               | 466,350         | 1,119,500    | 52,000      | 1,171,500    | 1,637,850    |
| Ouray       |                | 30,000        | 29,000          | 14,500       |             | 14,500       | 73,500       |
| Park        |                |               | 7,000           | 27,000       |             | 27,000       | 34,000       |
| Phillips    | 9,000          | 27,500        | 87,350          | 221,000      | 41,000      | 262,000      | 385,850      |
| Pitkin      |                |               | 43,000          | 67,000       |             | 67,000       | 110,000      |
| Prowers     |                |               | 301,400         | 535,000      | 127,500     | 662,500      | 963,900      |
| Pueblo      |                |               | 1,379,850       | 500,000      | 1,686,000   | 2,186,000    | 3,565,850    |
| Rio Blanco  |                | 45,000        | 31,500          | 172,000      |             | 172,000      | 248,500      |
| Rio Grande  |                | 55,500        | 290,515         | 40,800       | 25,500      | 66,300       | 412,315      |
| Routt       | 56,000         |               | 157,400         | 142,500      | 7,200       | 149,700      | 363,100      |
| Saguache    |                |               | 101,000         | 43,000       |             | 43,000       | 144,000      |
| San Juan    |                |               | 50,000          | 12,500       |             | 12,500       | 62,500       |
| San Miguel  | 36,000         |               | 52,700          | 24,000       |             | 24,000       | 112,700      |
| Sedgwick    | 35,000         | 172,000       | 156,250         | 107,000      | 9,500       | 116,500      | 479,750      |
| Summit      |                |               | 30,000          | 52,000       |             | 52,000       | 82,000       |
| Teller      |                |               | 14,500          | 147,000      |             | 147,000      | 161,500      |
| Washington  |                |               | 122,200         | 125,000      |             | 125,000      | 247,200      |
| Weld        |                |               | 1,134,500       | 883,500      | 42,200      | 925,700      | 2,060,200    |
| Yuma        |                |               | 197,200         | 205,000      | 23,000      | 228,000      | 425,200      |
| State       | \$762,300      | \$726,000     | \$18,960,765    | \$48,184,200 | \$8,251,890 | \$56,436,090 | \$76,885,155 |

<sup>1</sup>Includes \$24,538,600 water bonds and \$300,000 air port improvement bonds payable from revenue only.

Note—In addition to the above total, bonds of the state of Colorado outstanding on January 1, 1942, amounted to \$2,539,200, compared with \$2,888,200 on January 1, 1941. Also there is outstanding in the counties in the Moffat Tunnel district a total of \$15,470,000.

The total shown in the above table compares with \$79,547,150 for 1941, \$81,980,890 for 1940, \$85,859,540 for 1939, \$87,250,200 for 1938 and \$90,142,340 for 1937. The table makes no allowance for sinking funds or other reserves against bonds, or for issues payable solely from the earnings of municipal utilities. Also it includes some issues which have been assumed by private utility companies but which are still legal obligations against the municipalities.

**FARM MORTGAGE RECORDINGS IN COLORADO: AVERAGE SIZE OF NEWLY RECORDED FARM MORTGAGE LOANS, AVERAGE RATES OF INTEREST, AND DISTRIBUTION BY LENDING AGENCIES, 1917 TO 1935, INCLUSIVE**

(Source: U. S. Department of Agriculture)

Note—A nation-wide survey for the collection and tabulation of basic annual data concerning farm mortgages, farm real estate transfers and farm taxes was made under the joint sponsorship of the Works Progress administration and the bureau of agricultural economics of the department of agriculture in 1936 and 1937 by a field organization consisting of county crews working under regional supervision. A farm mortgage is defined as any legal document making farm real estate security for the payment of a loan, including deeds of trust, vendors' liens, purchase-money mortgages and sales contracts.

| Year                | Individuals | National and State Banks | Mortgage Companies | Federal Land Bank and Land Bank Commissioner | Insurance Companies | Joint Stock Land Banks | Others  | All     |
|---------------------|-------------|--------------------------|--------------------|--|---------------------|------------------------|---------|---------|
| <b>Av. Size</b>     |             |                          |                    |  |                     |                        |         |         |
| 1917.....           | \$3,040     | \$2,210                  | \$2,200            | \$1,690                                      | \$3,530             | ....                   | \$1,800 | \$2,690 |
| 1918.....           | 3,210       | 2,320                    | 2,650              | 1,940  | 4,140               | ....                   | 2,070   | 2,900   |
| 1919.....           | 3,890       | 3,530                    | 3,740              | 2,110  | 4,960               | ....                   | 2,430   | 3,550   |
| 1920.....           | 3,950       | 4,180                    | 4,140              | 2,740  | 6,480               | ....                   | 3,590   | 3,950   |
| 1921.....           | 3,250       | 3,930                    | 3,780              | 3,420  | 4,690               | \$1,200                | 7,210   | 3,720   |
| 1922.....           | 3,040       | 4,210                    | 3,450              | 2,700  | 8,540               | 4,990                  | 7,890   | 3,700   |
| 1923.....           | 2,800       | 3,000                    | 2,650              | 3,620  | 7,570               | 5,260                  | 6,340   | 3,270   |
| 1924.....           | 2,630       | 5,270                    | 2,430              | 3,800  | 5,520               | 6,770                  | 7,170   | 3,450   |
| 1925.....           | 2,640       | 3,320                    | 2,370              | 4,000  | 9,200               | 7,280                  | 3,310   | 3,140   |
| 1926.....           | 2,620       | 3,470                    | 1,910              | 3,580  | 6,940               | 7,030                  | 5,740   | 3,190   |
| 1927.....           | 2,530       | 4,800                    | 2,540              | 3,780  | 9,630               | 7,280                  | 3,570   | 3,180   |
| 1928.....           | 2,510       | 3,460                    | 2,930              | 3,100  | 4,550               | 6,940                  | 2,470   | 2,780   |
| 1929.....           | 2,500       | 4,270                    | 2,310              | 3,340  | 5,140               | ....                   | 2,350   | 2,730   |
| 1930.....           | 2,520       | 4,770                    | 2,300              | 3,800  | 4,660               | 13,000                 | 2,360   | 2,830   |
| 1931.....           | 2,290       | 4,060                    | 2,260              | 3,790  | 2,050               | ....                   | 1,660   | 2,470   |
| 1932.....           | 2,280       | 3,860                    | 1,450              | 2,230  | 3,870               | 5,000                  | 5,400   | 2,820   |
| 1933.....           | 2,180       | 3,990                    | 7,150              | 1,520  | 7,280               | 2,830                  | 4,770   | 2,750   |
| 1934.....           | 2,220       | 4,520                    | 3,450              | 2,080  | 7,280               | 3,420                  | 4,180   | 2,340   |
| 1935.....           | 1,850       | 3,220                    | 2,800              | 2,690  | 4,110               | 3,820                  | 2,920   | 2,480   |
| <b>Rate</b>         |             |                          |                    |  |                     |                        |         |         |
| 1917.....           | 6.6         | 7.3                      | 6.7                | 5.0  | 6.7                 | ..                     | 6.7     | 6.7     |
| 1918.....           | 6.7         | 7.2                      | 7.0                | 5.5  | 6.0                 | ..                     | 6.8     | 6.7     |
| 1919.....           | 6.7         | 6.9                      | 6.9                | 5.5  | 6.2                 | ..                     | 6.8     | 6.7     |
| 1920.....           | 6.9         | 7.7                      | 6.9                | 5.5  | 6.7                 | ..                     | 7.2     | 7.0     |
| 1921.....           | 7.4         | 8.2                      | 7.2                | 6.0  | 6.8                 | 6.0                    | 7.8     | 7.5     |
| 1922.....           | 7.3         | 7.5                      | 7.1                | 5.7  | 6.8                 | 6.0                    | 7.5     | 7.2     |
| 1923.....           | 7.0         | 7.7                      | 7.0                | 5.5  | 6.5                 | 6.0                    | 7.4     | 7.0     |
| 1924.....           | 7.0         | 7.4                      | 6.8                | 5.5  | 6.4                 | 6.0                    | 7.6     | 6.9     |
| 1925.....           | 7.0         | 7.8                      | 6.8                | 5.4  | 6.3                 | 6.0                    | 7.3     | 6.8     |
| 1926.....           | 6.9         | 7.4                      | 6.8                | 5.5  | 6.2                 | 6.0                    | 5.8     | 6.6     |
| 1927.....           | 6.8         | 7.2                      | 6.5                | 5.3  | 5.9                 | 6.0                    | 6.6     | 6.6     |
| 1928.....           | 6.8         | 7.2                      | 6.5                | 5.2  | 6.3                 | 6.0                    | 6.8     | 6.7     |
| 1929.....           | 6.8         | 7.7                      | 6.7                | 5.4  | 6.0                 | ..                     | 6.6     | 6.8     |
| 1930.....           | 6.9         | 7.5                      | 6.4                | 5.5  | 6.0                 | 6.0                    | 6.9     | 6.9     |
| 1931.....           | 6.7         | 7.7                      | 6.6                | 5.5  | 6.2                 | ..                     | 7.5     | 6.9     |
| 1932.....           | 6.7         | 7.4                      | 6.6                | 5.5  | 6.3                 | 6.0                    | 7.1     | 6.9     |
| 1933.....           | 6.6         | 7.3                      | 6.5                | 5.2  | 5.8                 | 6.0                    | 5.9     | 6.5     |
| 1934.....           | 6.4         | 6.7                      | 5.6                | 5.0  | 6.2                 | 6.0                    | 6.5     | 5.6     |
| 1935.....           | 6.2         | 7.1                      | 6.0                | 4.7  | 5.7                 | 6.0                    | 6.6     | 5.4     |
| <b>Distribution</b> |             |                          |                    |  |                     |                        |         |         |
| 1917.....           | 74          | 8                        | 6                  | 3  | 1                   | ..                     | 8       | 100     |
| 1918.....           | 76          | 7                        | 4                  | 5  | 1                   | ..                     | 7       | 100     |
| 1919.....           | 72          | 10                       | 5                  | 4  | 1                   | ..                     | 8       | 100     |
| 1920.....           | 70          | 10                       | 8                  | 1  | 1                   | ..                     | 10      | 100     |
| 1921.....           | 58          | 13                       | 8                  | 4  | 1                   | (1)                    | 16      | 100     |
| 1922.....           | 45          | 18                       | 8                  | 8  | 3                   | (1)                    | 18      | 100     |
| 1923.....           | 46          | 14                       | 8                  | 12   | 3                   | 1                      | 16      | 100     |
| 1924.....           | 46          | 16                       | 6                  | 13   | 3                   | 2                      | 14      | 100     |
| 1925.....           | 49          | 13                       | 8                  | 8  | 7                   | 8                      | 7       | 100     |
| 1926.....           | 50          | 11                       | 6                  | 6  | 3                   | 11                     | 13      | 100     |
| 1927.....           | 51          | 13                       | 6                  | 8  | 6                   | 8                      | 8       | 100     |
| 1928.....           | 60          | 15                       | 6                  | 6  | 4                   | 3                      | 6       | 100     |
| 1929.....           | 65          | 15                       | 4                  | 5  | 3                   | ..                     | 8       | 100     |
| 1930.....           | 61          | 18                       | 4                  | 5  | 3                   | 1                      | 8       | 100     |
| 1931.....           | 63          | 19                       | 4                  | 6  | 1                   | ..                     | 7       | 100     |
| 1932.....           | 57          | 19                       | 2                  | 1  | 1                   | (1)                    | 20      | 100     |
| 1933.....           | 45          | 17                       | 11                 | 10   | 2                   | (1)                    | 15      | 100     |
| 1934.....           | 18          | 6                        | 1                  | 63   | 2                   | (1)                    | 10      | 100     |
| 1935.....           | 25          | 7                        | 1                  | 57   | 2                   | (1)                    | 8       | 100     |

(1) Less than 0.5.

**NON-FARM MORTGAGE RECORDINGS: NUMBER AND AMOUNTS, BY AGENCIES, FOR COLORADO, BY FISCAL YEARS ENDING JUNE 30**

(Source: Federal Home Loan Bank Board)

Note—The division of research and statistics of the Federal Home Loan Bank board began in December, 1938, a regular service of estimating non-farm real estate mortgage recordings on a nation-wide basis. In this task it has secured the co-operation of numerous agencies specializing in loans on urban real estate. Estimates include mortgages of \$20,000 and less.

| AGENCY                                | 1941         | 1940         | *1939        |
|---------------------------------------|--------------|--------------|--------------|
| <b>Savings and loan associations:</b> |              |              |              |
| Number .....                          | 4,131        | 3,905        | 1,666        |
| Amount .....                          | \$10,234,000 | \$ 9,211,000 | \$ 4,349,000 |
| <b>Insurance companies:</b>           |              |              |              |
| Number .....                          | 366          | 257          | 145          |
| Amount .....                          | \$ 1,522,000 | \$ 1,117,000 | \$ 754,000   |
| <b>Banks and trust companies:</b>     |              |              |              |
| Number .....                          | 1,689        | 1,722        | 831          |
| Amount .....                          | \$ 4,736,000 | \$ 4,583,000 | \$ 2,310,000 |
| <b>Individuals:</b>                   |              |              |              |
| Number .....                          | 7,422        | 7,173        | 3,312        |
| Amount .....                          | \$12,599,000 | \$12,182,000 | \$ 5,955,000 |
| <b>Other mortgages:</b>               |              |              |              |
| Number .....                          | 3,232        | 2,755        | 1,563        |
| Amount .....                          | \$10,728,000 | \$ 8,881,000 | \$ 4,540,000 |
| <b>Total:</b>                         |              |              |              |
| Number .....                          | 16,840       | 15,812       | 7,517        |
| Amount .....                          | \$39,819,000 | \$35,974,000 | \$17,908,000 |
| <b>Amount per capita:</b>             |              |              |              |
| Colorado .....                        | \$35.45      | \$32.03      | .....        |
| United States .....                   | 33.13        | 28.86        | .....        |

\*From January 1 to June 30, 1939.

**INSTALLMENT PAPER: PURCHASES AND HOLDINGS OF 45 SALES—FINANCE OFFICES IN COLORADO IN 1939, INCLUDING 22 IN DENVER AND 5 IN PUEBLO FOR THE SAME YEAR**

(Source: Bureau of the Census)

Note—This is a tabulation of offices engaged exclusively or mainly in purchasing and holding retail installment paper arising from sales to consumers of motor vehicles and consumer goods of all kinds and does not include personal loans (loans secured by the pledge of merchandise already owned by the borrower).

|                            | Automotive Paper   |                            |                         | Other Retail Paper | Not Analyzed | Total        |
|----------------------------|--------------------|----------------------------|-------------------------|--------------------|--------------|--------------|
|                            | Passenger Vehicles | Trucks, Trailers, Tractors | Automotive Not Analyzed |                    |              |              |
| <b>STATE</b>               |                    |                            |                         |                    |              |              |
| Holdings end of 1938.....  |                    |                            |                         |                    |              | \$16,518,000 |
| Purchases, 1939 .....      | \$21,194,000       | \$2,457,000                | \$ 375,000              | \$6,606,000        | \$992,000    | 31,624,000   |
| Holdings end of 1939 ..... | 9,715,000          | 1,051,000                  | 4,628,000               | 4,462,000          | 594,000      | 20,450,000   |
| <b>CITIES</b>              |                    |                            |                         |                    |              |              |
| <b>Denver:</b>             |                    |                            |                         |                    |              |              |
| Purchases, 1939 .....      |                    |                            |                         |                    |              | 23,442,000   |
| Holdings end of 1939.....  |                    |                            |                         |                    |              | 15,420,000   |
| <b>Pueblo:</b>             |                    |                            |                         |                    |              |              |
| Purchases, 1939 .....      |                    |                            |                         |                    |              | 1,689,000    |
| Holdings end of 1939.....  |                    |                            |                         |                    |              | 21,030,000   |

<sup>1</sup>Of this amount \$12,958,000 was automotive paper.

<sup>2</sup>Of this amount \$876,000 was automotive paper.

## Insurance

### Premiums and Losses Paid for All Types of Insurance, State Hail Insurance, Federal Crop Insurance

THE development of insurance of all kinds in Colorado can be traced with accuracy through the reports of the state insurance commissioner. Herein are presented data for current years and tables showing premiums received and losses paid over a long period of years, through which the extent and growth of the business within the state may be determined.

The number of companies, associations, exchanges and societies operating in Colorado on December 31 of the years named is as follows:

|                                      | 1941       | 1940       | 1939       |
|--------------------------------------|------------|------------|------------|
| Fire and marine (stock)..            | 246        | 245        | 239        |
| Fire and marine (mutual) .....       | 34         | 35         | 34         |
| Life—legal reserve.....              | 71         | 71         | 73         |
| Casualty and miscellaneous .....     | 145        | 140        | 112        |
| County mutual fire.....              | 6          | 6          | 6          |
| Assessment—health and Accident ..... | 3          | 3          | 3          |
| Reciprocal exchanges.....            | 18         | 18         | 18         |
| Fraternal societies.....             | 41         | 42         | 43         |
| <b>Total .....</b>                   | <b>564</b> | <b>560</b> | <b>528</b> |

A summary of the amount of net risks written, premiums received and losses paid in Colorado by all companies, associations, exchanges and societies in 1941 is as follows:

|                        |                 |
|------------------------|-----------------|
| Amount written.....    | \$1,160,942.790 |
| Premiums received..... | 48,745,517      |
| Losses incurred.....   | 18,213,577      |

Premiums received by these companies from Colorado business and losses paid, by years, are as follows:

| Year      | Premiums     | Losses       |
|-----------|--------------|--------------|
| 1924..... | \$31,255,842 | \$12,386,021 |
| 1925..... | 34,241,240   | 13,147,959   |
| 1926..... | 36,483,237   | 13,420,645   |
| 1927..... | 38,176,452   | 11,538,749   |
| 1928..... | 39,548,530   | 15,835,546   |
| 1929..... | 48,089,054   | 15,485,623   |
| 1930..... | 33,529,413   | 16,319,541   |
| 1931..... | 41,925,896   | 15,188,697   |
| 1932..... | 38,422,937   | 16,106,796   |
| 1933..... | 34,374,041   | 14,352,571   |
| 1934..... | 36,933,856   | 14,877,811   |
| 1935..... | 38,843,597   | 13,633,109   |
| 1936..... | 44,341,000   | 15,082,787   |
| 1937..... | 47,260,739   | 17,039,243   |
| 1938..... | 45,561,220   | 24,692,102   |
| 1939..... | 46,411,024   | 17,113,829   |
| 1940..... | 46,647,778   | 17,265,071   |
| 1941..... | 48,745,517   | 18,213,527   |

Losses paid by all companies, exchanges and societies over periods of years named below aggregate \$429,156,045, distributed as follows:

| Class                           |                      |
|---------------------------------|----------------------|
| Fire and marine.....1882-1941   | \$ 91,098,309        |
| Life—legal reserve.1882-1941    | 205,730,740          |
| Casualty .....                  | 76,951,566           |
| County mutual.....1910-1941     | 1,148,444            |
| Assessment-health, etc. ....    | 1893-1941 4,387,185  |
| Reciprocal .....                | 1916-1941 1,949,156  |
| Colorado assess-ment-hall ..... | 1921-1927 483,033    |
| Foreign assess-ment-hall .....  | 1910-1925 1,143,333  |
| Fraternal .....                 | 1916-1941 46,264,279 |
| <b>Total .....</b>              | <b>\$429,156,045</b> |

The growth of ordinary life insurance is shown by a comparison of the number of policies in force and the aggregate risk. At the end of the years specified below, the aggregate number of policies in force and total risks were as follows:

| Year      | Number Policies | Total Risks  |
|-----------|-----------------|--------------|
| 1882..... | 2,237           | \$ 7,120,297 |
| 1892..... | 21,419          | 50,732,539   |
| 1902..... | 56,705          | 89,148,397   |
| 1912..... | 132,120         | 166,175,416  |
| 1922..... | 372,596         | 437,725,016  |
| 1929..... | 658,829         | 834,106,338  |
| 1930..... | 682,492         | 875,969,130  |
| 1931..... | 700,537         | 895,210,352  |
| 1932..... | 697,428         | 887,160,522  |
| 1933..... | 642,183         | 793,483,090  |
| 1934..... | 652,976         | 783,905,964  |
| 1935..... | 668,123         | 805,751,470  |
| 1936..... | 696,601         | 841,029,421  |
| 1937..... | 712,240         | 886,279,902  |
| 1938..... | 722,182         | 896,370,773  |
| 1939..... | 726,066         | 917,699,818  |
| 1940..... | 720,988         | 937,065,929  |
| 1941..... | 741,626         | 973,889,661  |

The following table shows premium receipts and loss payments by all of the companies operating in the state for specified years as shown by their reports filed with the state insurance commissioner:

| Nature of Insurance  | Year      | Premiums   | Losses     |
|----------------------|-----------|------------|------------|
| Fire and Marine..... | 1882      | \$ 600,919 | \$ 300,680 |
|                      | 1900      | 2,000,451  | 750,828    |
|                      | 1925      | 7,005,632  | 3,225,868  |
|                      | 1930      | 6,423,428  | 2,789,064  |
|                      | 1931      | 5,928,817  | 2,258,434  |
|                      | 1932      | 4,744,043  | 2,295,967  |
|                      | 1933      | 4,234,426  | 1,507,883  |
|                      | 1934      | 4,734,396  | 1,466,741  |
|                      | 1935      | 5,344,396  | 1,717,698  |
|                      | 1936      | 5,988,826  | 1,856,540  |
|                      | 1937      | 6,812,864  | 2,381,080  |
|                      | 1938      | 6,290,676  | 2,311,929  |
|                      | 1939      | 6,780,540  | 2,623,684  |
| 1940                 | 7,076,069 | 2,437,901  |            |
| 1941                 | 7,869,679 | 3,280,188  |            |

| Nature of Insurance Year | Premiums   | Losses    |
|--------------------------|------------|-----------|
| Legal Reserve Life-1882  | 115,160    | 75,193    |
| 1900                     | 2,298,432  | 790,922   |
| 1925                     | 18,525,284 | 4,968,856 |
| 1930                     | 26,517,099 | 8,302,497 |
| 1931                     | 26,819,302 | 7,899,487 |
| 1932                     | 25,520,695 | 9,211,197 |
| 1933                     | 22,710,897 | 8,322,228 |
| 1934                     | 23,904,387 | 9,006,203 |
| 1935                     | 24,171,831 | 8,872,382 |
| 1936                     | 28,185,000 | 8,579,938 |
| 1937                     | 29,279,902 | 9,348,507 |
| 1938                     | 28,410,166 | 8,524,934 |
| 1939                     | 28,389,571 | 9,481,926 |
| 1940                     | 28,157,722 | 9,348,461 |
| 1941                     | 28,195,169 | 9,217,986 |

| Casualty, Fidelity and Surety----- | Year | Premiums   | Losses    |
|------------------------------------|------|------------|-----------|
| -----1882                          | 1882 | 41,656     | 21,073    |
| 1900                               | 1900 | 509,970    | 291,517   |
| 1925                               | 1925 | 5,393,390  | 2,662,455 |
| 1930                               | 1930 | 6,462,038  | 2,965,108 |
| 1931                               | 1931 | 6,018,609  | 3,119,182 |
| 1932                               | 1932 | 5,433,748  | 2,841,068 |
| 1933                               | 1933 | 5,010,021  | 2,855,775 |
| 1934                               | 1934 | 5,847,917  | 2,792,618 |
| 1935                               | 1935 | 6,973,609  | 2,863,276 |
| 1936                               | 1936 | 7,716,273  | 3,015,195 |
| 1937                               | 1937 | 8,653,755  | 3,731,720 |
| 1938                               | 1938 | 8,271,434  | 3,714,622 |
| 1939                               | 1939 | 8,678,669  | 3,658,245 |
| 1940                               | 1940 | 8,830,939  | 4,107,367 |
| 1941                               | 1941 | 10,114,238 | 4,431,051 |

| Assessment Health and Accident----- | Year | Premiums   | Losses     |
|-------------------------------------|------|------------|------------|
| -----1893                           | 1893 | \$ 215,076 | \$ 220,647 |
| 1900                                | 1900 | 145,782    | 64,008     |
| 1925                                | 1925 | 185,991    | 115,343    |
| 1930                                | 1930 | 121,960    | 64,377     |
| 1931                                | 1931 | 124,570    | 68,144     |
| 1932                                | 1932 | 103,354    | 59,547     |
| 1933                                | 1933 | 90,135     | 56,804     |
| 1934                                | 1934 | 66,014     | 42,422     |
| 1935                                | 1935 | 70,388     | 39,508     |
| 1936                                | 1936 | 81,967     | 45,548     |
| 1937                                | 1937 | 97,901     | 54,405     |
| 1938                                | 1938 | 119,007    | 49,836     |
| 1939                                | 1939 | 144,019    | 61,860     |
| 1940                                | 1940 | 166,964    | 75,341     |
| 1941                                | 1941 | 196,477    | 100,950    |

| Reciprocal Fire and Casualty ----- | Year | Premiums | Losses  |
|------------------------------------|------|----------|---------|
| -----1916                          | 1916 | 24,649   | 1,626   |
| 1925                               | 1925 | 433,158  | 77,470  |
| 1930                               | 1930 | 997,721  | 96,637  |
| 1931                               | 1931 | 188,987  | 71,674  |
| 1932                               | 1932 | 159,769  | 26,870  |
| 1933                               | 1933 | 77,279   | 22,886  |
| 1934                               | 1934 | 165,109  | 27,297  |
| 1935                               | 1935 | 148,227  | 48,621  |
| 1936                               | 1936 | 234,577  | 77,425  |
| 1937                               | 1937 | 279,158  | 103,216 |
| 1938                               | 1938 | 307,165  | 102,381 |
| 1939                               | 1939 | 330,897  | 101,391 |
| 1940                               | 1940 | 372,947  | 116,923 |
| 1941                               | 1941 | 396,749  | 130,889 |

| Fraternal ----- | Year | Premiums  | Losses    |
|-----------------|------|-----------|-----------|
| -----1916       | 1916 | 1,828,389 | 1,511,741 |
| 1925            | 1925 | 2,598,537 | 2,015,467 |
| 1930            | 1930 | 2,946,660 | 2,034,418 |
| 1931            | 1931 | 2,791,247 | 1,729,152 |
| 1932            | 1932 | 2,402,471 | 1,605,045 |
| 1933            | 1933 | 2,186,518 | 1,537,912 |
| 1934            | 1934 | 2,199,990 | 1,473,312 |
| 1935            | 1935 | 2,048,598 | 45,812    |
| 1936            | 1936 | 2,040,504 | 1,476,615 |
| 1937            | 1937 | 2,042,054 | 1,385,846 |
| 1938            | 1938 | 2,063,932 | 1,201,740 |
| 1939            | 1939 | 1,974,078 | 1,134,700 |
| 1940            | 1940 | 1,934,320 | 1,116,761 |
| 1941            | 1941 | 1,849,416 | 1,012,326 |

| Nature of Insurance Year         | Premiums | Losses  |
|----------------------------------|----------|---------|
| County Mutual                    |          |         |
| Fire -----1910                   | 3,070    | 261     |
| 1925                             | *72,040  | *62,373 |
| 1930                             | 60,457   | 67,490  |
| 1931                             | 54,364   | 42,624  |
| 1932                             | 58,857   | 67,102  |
| 1933                             | 64,765   | 49,083  |
| 1934                             | 86,043   | 69,218  |
| 1935                             | 86,548   | 45,812  |
| 1936                             | 93,854   | 31,526  |
| 1937                             | 95,106   | 34,471  |
| 1938                             | 98,840   | 40,925  |
| 1939                             | 113,250  | 52,023  |
| 1940                             | 108,817  | 62,317  |
| 1941                             | 123,889  | 40,137  |
| Assessment Hail (Colorado) ----- |          |         |
| -----1921                        | 136,739  | 85,263  |
| 1924                             | 3,297    | 7,121   |
| 1925                             | 27,208   | 20,127  |
| 1926                             | 26,528   | 22,020  |
| 1927                             | 1,273    | 1,949   |
| Assessment Hail (Foreign) -----  |          |         |
| -----1910                        | 2,516    | 3,525   |
| 1920                             | 293,512  | 232,181 |
| 1924                             | 17,115   | 71,403  |

\*Includes foreign Assessment Hail for these years.

Receipts of the insurance department in the year ending June 30, 1941, from licenses, taxes, fees, etc., amounted to \$942,462.31 and disbursements were \$41,606.98. Transfers to the general fund were \$900,855.33.

### STATE HAIL INSURANCE

The state of Colorado, through legislative enactment, put into effect in 1929 a law creating a state hail insurance department and a hail insurance fund. This department is a branch of the division of agriculture and is in charge of a commissioner and under supervision of a board of three appointed by the state board of agriculture. The board is non-salaried but must hold an annual meeting the first Monday in February of each year and establish districts and rates therein for the current year.

The service of the state hail insurance department consists only in providing facilities for Colorado growers individually to protect their growing crops against damage by hail at a levy fixed according to previous loss ratios, which they may pay in cash or with land taxes the following year. Losses are paid only from the fund so created.

The department has completed its thirteenth year of crop protection service. During this time it has received hail risks from growers in the amount of \$7,887,210, for which the indemnity tax authorized was \$782,285, and the gross losses incurred amounted to \$623,389.

The surpluses are from time to time invested in federal and Colorado general obligation bonds. This investment account on November 30, 1939, amounted to \$22,500. Cash on hand as of the same date was \$10,912. Exces-

sive hail in many districts in the 1941 season resulted in net adjusted losses of \$71,283. Statement as of October 31, 1941, showed receipts, including cash on hand, of \$49,677.73, disbursements of \$44,996.02 and balance on hand of \$4,681.71.

Risks were written on crops in 35 out of 63 counties in the state in 1941 covering a total of 192,789 acres.

An accompanying table shows the amount of insurance written, the gross tax levied and losses paid, by calendar years.

**HAIL INSURANCE: INSURANCE WRITTEN, GROSS TAX LEVIED, AND LOSSES PAID, BY CALENDAR YEARS**

(Source: State Hail Commissioner)

| YEAR        | Insurance Written | Gross Tax Levied | Losses Paid   |
|-------------|-------------------|------------------|---------------|
| 1929 .....  | \$ 545,181.55     | \$ 57,495.57     | \$ 26,045.03  |
| 1930 .....  | 1,426,041.00      | 146,429.00       | 65,335.68     |
| 1931 .....  | 780,671.53        | 77,691.88        | 51,907.18     |
| 1932 .....  | 228,997.19        | 22,042.30        | 24,907.15     |
| 1933 .....  | 128,337.95        | 13,020.88        | 13,753.31     |
| 1934 .....  | 178,589.34        | 20,126.98        | 24,396.19     |
| 1935 .....  | 483,679.48        | 56,447.91        | 29,294.50     |
| 1936 .....  | 586,755.87        | 57,042.88        | 11,927.35     |
| 1937 .....  | 717,272.90        | 66,397.00        | 30,753.63     |
| 1938 .....  | 955,905.11        | 90,419.40        | 116,660.15    |
| 1939 .....  | 653,265.83        | 61,040.54        | 92,619.87     |
| 1940 .....  | 379,416.74        | 38,587.08        | 32,661.32     |
| 1941 .....  | 823,095.95        | 81,543.72        | 103,127.26    |
| Total ..... | \$7,887,210.44    | \$ 788,285.14    | \$ 623,388.62 |

**FEDERAL CROP INSURANCE: OPERATIONS IN COLORADO OF FEDERAL CROP INSURANCE CORPORATION'S WHEAT INSURANCE PROGRAM, AS OF JUNE 30, 1941**

(Source: Federal Crop Insurance Corporation)

Note—The FCIF program began with the 1939 crop following its establishment in 1938 under the department of agriculture. It affords a farmer an opportunity to insure his wheat crop against losses due to flood, drought, hail, etc. Guaranteed yields, premiums collected, indemnities paid and status of reserves are all stated in bushels of wheat.

|                                | 1941<br>Crop<br>Year | 1940<br>Crop<br>Year | 1939<br>Crop<br>Year |
|--------------------------------|----------------------|----------------------|----------------------|
| Policies issued, number.....   | 5,878                | 3,491                | 1,429                |
| Indemnities paid, number ..... | 10                   | 1,956                | 761                  |
| Insurance reserve:             |                      |                      |                      |
| Premiums collected.....        | 413,137              | 247,786              | 78,214               |
| Indemnities paid.....          | 3,502                | 465,276              | 187,356              |
| Surplus or deficit*.....       | +409,635             | —217,490             | —109,142             |
| Insured production.....        | (2)                  | 1,221,281            | 580,273              |
| Insured acreage.....           | (2)                  | 155,895              | 70,532               |

\* (+) Represents excess of premiums collected over indemnities paid. (—) Deficit represents excess of indemnities paid over premiums collected.

(2) Will be determined subsequent to June 30, 1941.

## Business and Trade

Retail Business, Wholesale Trade, Service Establishments, Construction, Building Operations, Cold-Storage Warehouse Space, Community Organizations, Trade Organizations

### RETAIL BUSINESS

Retail sales in Colorado amounted to \$409,103,000 in 1939, an increase of 37 per cent over 1935 and 11 per cent under the total in 1929 despite a substantially lower level of consumer goods prices than prevailed ten years ago.

There were 16,785 retail stores in the state in 1939, an increase of 28 per cent compared with 1929. In the same 10-year period the population increased 8.4 per cent. Of a total gain of 3,748 in the number of stores, 694 were food stores, 1,760 were filling stations and 1,204 were eating and drinking places.

Store personnel (proprietors and employees) was higher, while the payroll was 11 per cent lower, there being fewer full-time employees than in 1929 and more part-time employees and proprietors. The count of employees includes paid executives of corporations and their compensation is included in the payroll, whereas proprietors of unincorporated businesses are reported separately and their withdrawals are not included as payroll. There was an increase of 2,591 part-time employees in 1939 as compared with 1929 and a decrease of 868 in the number of full-time employees. Payroll includes wages, salaries, sales commissions and bonuses, and the total paid in 1939 is equivalent to \$1,094 each for full-time employees and \$354 each for those working part time.

Stocks of merchandise on hand for sale at the end of 1939 totaled \$53,065,000 at cost valuation, equivalent to

two and one-quarter months' sales. Affected in part by the increased proportion of sales by kinds of business in which stocks are small in proportion to volume of sales (such as food stores, filling stations and restaurants), total stocks of merchandise were 27 per cent lower while sales were 11 per cent lower than in 1929.

A summary of the retail business in Colorado is given in six accompanying tables.

One table gives the number of stores, amount of sales, number of employees and total payroll for the state in 1939, 1935 and 1929 broken down by major business groups and principal kinds of business.

Another table gives a condensed summary of similar information for the state by census years for comparative purposes.

A third table gives the number of stores, sales, active proprietors, number of employees and payroll by counties for 1939.

A fourth table gives similar information for 1939 for cities and towns in Colorado with more than 2,500 population.

A fifth table gives population, sales and percentage changes for 1939, 1935 and 1929 for cities and towns with more than 10,000 population.

Another table gives the number of stores in 1939 classified according to type of operation, including chain stores.

### RETAIL BUSINESS: RETAIL TRADE IN COLORADO IN 1939, WITH COMPARISONS FOR 1935 AND 1929

(Source: Bureau of the Census)

Note—Totals for 1935 and 1929 are adjusted to exclude automotive repair service businesses whose receipts for service exceed their merchandise sales and are now included in the census of Service Businesses.

| YEAR      | Stores | Sales         | Proprietors | Employees | Payroll      |
|-----------|--------|---------------|-------------|-----------|--------------|
| 1929..... | 13,139 | \$457,413,000 | 12,393      | 43,360    | \$49,100,000 |
| 1935..... | 13,504 | 298,156,000   | 12,387      | 33,370    | 29,409,000   |
| 1939..... | 16,785 | 409,103,000   | 15,770      | 45,083    | 43,503,000   |

**RETAIL BUSINESS: NUMBER OF STORES, SALES, NUMBER OF EMPLOYEES AND TOTAL PAYROLL, FOR COLORADO, IN 1939, 1935, 1929, BY MAJOR BUSINESS GROUPS AND BY PRINCIPAL KINDS OF BUSINESS**

(Source: Bureau of the Census)

Note—Previously published totals for the State and for the automotive group, for 1935 and 1929, are revised to exclude service garages and other automotive service businesses whose receipts from service sales exceed their sales of merchandise. These are now included in the Census of Service Establishments.

| KIND OF BUSINESS                                 | Number of Stores |       | Sales<br>(Add 000) |           |           |       | *Number of Employees<br>(Average for Year) |       |          |          | *Total Payroll<br>(Add 000) |      |      |      |
|--|------------------|-------|--------------------|-----------|-----------|-------|--|-------|----------|----------|-----------------------------|------|------|------|
|  | 1939             | 1935  | 1939               | 1935      | 1929      | 1939  | 1935                                       | 1929  | 1939     | 1935     | 1929                        | 1939 | 1935 | 1929 |
| <b>Food Group:</b>                               |                  |       |                    |           |           |       |  |       |          |          |                             |      |      |      |
| Grocery stores (without fresh meats).....        | 1,000            | 906   | 1,226              | \$ 8,833  | \$ 24,309 | 473   | 705  | 1,155 | \$ 348   | \$ 587   | \$ 1,195                    |      |      |      |
| Combination stores (groceries-meats).....        | 2,163            | 1,764 | 1,331              | 67,563    | 50,542    | 1,549 | 3,798                                      | 2,840 | 4,353    | 3,327    | 3,158                       |      |      |      |
| Dairy products stores, milk dealers.....         | 164              | 85    | 127                | 3,548     | 1,282     | 528   | 218  | 407   | 481      | 205      | 470                         |      |      |      |
| Meat markets, fish markets.....                  | 157              | 148   | 250                | 3,611     | 3,267     | 260   | 290  | 388   | 249      | 257      | 485                         |      |      |      |
| Candy, nut, confectionery stores.....            | 250              | 285   | 340                | 1,366     | 1,790     | 193   | 379  | 590   | 128      | 255      | 439                         |      |      |      |
| Fruit stores, vegetable markets.....             | 184              | 154   | 78                 | 1,564     | 1,761     | 169   | 208  | 186   | 130      | 147      | 168                         |      |      |      |
| Other food stores.....                           | 229              | 259   | 201                | 1,856     | 1,324     | 256   | 220  | 495   | 232      | 136      | 485                         |      |      |      |
| Group total.....                                 | 4,147            | 3,601 | 3,453              | \$ 88,341 | \$ 93,811 | 6,428 | 5,818                                      | 6,061 | \$ 5,921 | \$ 4,914 | \$ 6,400                    |      |      |      |
| General stores (with food)                       | 211              | 490   | 776                | \$ 6,693  | \$ 10,734 | 547   | 769  | 1,261 | \$ 536   | \$ 633   | \$ 1,267                    |      |      |      |
| <b>General Merchandise Group:</b>                |                  |       |                    |           |           |       |  |       |          |          |                             |      |      |      |
| Department stores.....                           | 57               | 46    | 60                 | \$ 51,467 | \$ 31,565 | 6,503 | 3,655                                      | 6,515 | \$ 6,901 | \$ 3,341 | \$ 6,569                    |      |      |      |
| Dry goods general merchandise stores.....        | 179              | 224   | 299                | 5,202     | 5,198     | 625   | 608  | 1,067 | 530      | 477      | 1,001                       |      |      |      |
| Variety stores.....                              | 138              | 86    | 134                | 7,313     | 6,349     | 1,757 | 1,419                                      | 1,047 | 936      | 691      | 601                         |      |      |      |
| Group total.....                                 | 374              | 356   | 493                | \$ 64,582 | \$ 43,112 | 8,885 | 5,682                                      | 8,629 | \$ 8,367 | \$ 4,509 | \$ 8,171                    |      |      |      |
| <b>Apparel Group:</b>                            |                  |       |                    |           |           |       |  |       |          |          |                             |      |      |      |
| Men's-boys' clothing, furnishings, hat stores... | 154              | 161   | 232                | \$ 4,436  | \$ 3,619  | 377   | 358  | 585   | \$ 492   | \$ 404   | \$ 860                      |      |      |      |
| Family clothing stores...                        | 90               | 69    | 80                 | 4,413     | 1,955     | 621   | 223  | 481   | 715      | 242      | 747                         |      |      |      |
| Women's ready-to-wear stores.....                | 210              | 174   | 141                | 6,313     | 6,243     | 838   | 842  | 824   | 904      | 851      | 985                         |      |      |      |
| Accessories, other apparel stores.....           | 133              | 164   | 233                | 2,911     | 1,564     | 475   | 391  | 428   | 408      | 323      | 598                         |      |      |      |
| Shoe stores (all kinds)...                       | 104              | 95    | 136                | 3,355     | 2,666     | 363   | 299  | 571   | 417      | 298      | 597                         |      |      |      |
| Group total.....                                 | 741              | 663   | 822                | \$ 21,457 | \$ 16,047 | 2,674 | 2,113                                      | 2,889 | \$ 2,936 | \$ 2,118 | \$ 3,787                    |      |      |      |

|                                  |        |        |        |           |           |           |        |        |        |           |           |           |
|----------------------------------|--------|--------|--------|-----------|-----------|-----------|--------|--------|--------|-----------|-----------|-----------|
| <b>Furniture-Household-Radio</b> |        |        |        |           |           |           |        |        |        |           |           |           |
| Group:                           | 176    | 147    | 236    | \$ 7,259  | \$ 5,109  | \$ 11,830 | 720    | 531    | 1,274  | \$ 1,013  | \$ 696    | \$ 1,593  |
| Furniture stores.....            |        |        |        |           |           |           |        |        |        |           |           |           |
| Other home furnishings           | 63     | 55     | 51     | 774       | 673       | 1,368     | 150    | 175    | 187    | 171       | 123       | 233       |
| Household appliance,             | 244    | 174    | 224    | 5,860     | 3,924     | 8,983     | 843    | 559    | 1,221  | 1,159     | 631       | 1,766     |
| radio dealers.....               |        |        |        |           |           |           |        |        |        |           |           |           |
| Group total.....                 | 433    | 376    | 511    | \$ 13,893 | \$ 9,706  | \$ 22,181 | 1,713  | 1,265  | 2,682  | \$ 2,343  | \$ 1,450  | \$ 3,592  |
| <b>Automotive Group:</b>         |        |        |        |           |           |           |        |        |        |           |           |           |
| Motor vehicle dealers            | 414    | 358    | 497    | \$ 54,935 | \$ 42,240 | \$ 72,558 | 3,962  | 2,974  | 4,349  | \$ 5,248  | \$ 3,533  | \$ 6,600  |
| (new) dealers.....               |        |        |        |           |           |           |        |        |        |           |           |           |
| Used-car dealers.....            | 136    | 62     | 50     | 2,358     | 1,315     | 1,361     | 203    | 110    | 126    | 135       | 98        | 155       |
| Accessory, tire, battery         | 273    | 149    | 261    | 5,921     | 3,084     | 6,565     | 717    | 402    | 648    | 808       | 467       | 914       |
| dealers.....                     |        |        |        |           |           |           |        |        |        |           |           |           |
| Other automotive.....            | 9      | 13     | 19     | 124       | 66        | 238       | 14     | 13     | 31     | 10        | 8         | 23        |
| Group total.....                 | 832    | 582    | 827    | \$ 63,338 | \$ 46,705 | \$ 80,722 | 4,896  | 3,499  | 5,154  | \$ 6,251  | \$ 4,106  | \$ 7,692  |
| Filling stations.....            | 3,109  | 2,266  | 1,349  | \$ 35,106 | \$ 23,554 | \$ 21,764 | 2,812  | 2,062  | 1,617  | \$ 2,353  | \$ 1,685  | \$ 1,586  |
| <b>Lumber-Building Group:</b>    |        |        |        |           |           |           |        |        |        |           |           |           |
| Lumber and building-             | 340    | 273    | 363    | \$ 16,533 | \$ 8,530  | \$ 20,055 | 1,580  | 838    | 1,472  | \$ 1,392  | \$ 1,106  | \$ 2,152  |
| material dealers.....            |        |        |        |           |           |           |        |        |        |           |           |           |
| Heating, plumbing, paint,        | 110    | 90     | 252    | 1,733     | 1,333     | 5,036     | 264    | 212    | 875    | 288       | 232       | 1,190     |
| electrical stores.....           |        |        |        |           |           |           |        |        |        |           |           |           |
| Group total.....                 | 450    | 363    | 615    | \$ 18,266 | \$ 9,863  | \$ 25,091 | 1,844  | 1,050  | 2,347  | \$ 2,280  | \$ 1,338  | \$ 3,342  |
| <b>Hardware Group:</b>           |        |        |        |           |           |           |        |        |        |           |           |           |
| Hardware stores.....             | 236    | 187    | 156    | \$ 5,000  | \$ 3,435  | \$ 4,149  | 458    | 308    | 335    | \$ 491    | \$ 358    | \$ 495    |
| Farm implement, tractor,         | 175    | 118    | 175    | 5,064     | 2,948     | 8,137     | 427    | 262    | 405    | 507       | 277       | 564       |
| hardware dealers.....            |        |        |        |           |           |           |        |        |        |           |           |           |
| Group total.....                 | 411    | 305    | 331    | \$ 10,064 | \$ 6,883  | \$ 12,286 | 885    | 570    | 740    | 938       | 635       | \$ 1,059  |
| Eating places.....               | 1,607  | 1,518  | 1,469  | \$ 18,928 | \$ 14,071 | \$ 17,232 | 6,064  | 4,750  | 4,568  | \$ 3,647  | \$ 2,500  | \$ 3,347  |
| Drinking places.....             | 856    | 418    | 648    | \$ 10,036 | \$ 3,556  | \$ 3,556  | 1,306  | 837    | 1,271  | 1,271     | 1,491     | 1,491     |
| Drug stores.....                 | 658    | 599    | 648    | \$ 19,867 | \$ 16,359 | \$ 18,273 | 2,231  | 1,803  | 2,009  | \$ 2,107  | \$ 1,715  | \$ 2,156  |
| Liquor stores (packaged          |        |        |        |           |           |           |        |        |        |           |           |           |
| goods).....                      | 369    | 210    | ...    | \$ 5,206  | \$ 2,826  | ....      | 219    | 184    | ....   | \$ 188    | \$ 127    | ....      |
| <b>Other Retail Stores:</b>      |        |        |        |           |           |           |        |        |        |           |           |           |
| Fuel, ice, fuel-oil dealers      | 655    | 386    | 200    | \$ 9,106  | \$ 6,016  | \$ 7,493  | 1,141  | 807    | 839    | \$ 1,180  | \$ 799    | \$ 1,051  |
| Hay, grain and feed              | 131    | 113    | 176    | 5,131     | 4,305     | 8,318     | 331    | 179    | 481    | 301       | 192       | 576       |
| stores.....                      |        |        |        |           |           |           |        |        |        |           |           |           |
| Farm and garden supply           | 28     | 88     | 69     | 355       | 2,771     | 1,938     | 47     | 223    | 242    | 62        | 254       | 281       |
| stores.....                      |        |        |        |           |           |           |        |        |        |           |           |           |
| Jewelry stores.....              | 173    | 146    | 205    | 3,734     | 2,750     | 4,367     | 379    | 319    | 415    | 586       | 442       | 741       |
| Cigar stores, cigar stands       | 157    | 120    | 425    | 1,354     | 904       | 3,344     | 122    | 81     | 393    | 81        | 59        | 308       |
| florists.....                    | 124    | 71     | 86     | 1,323     | 624       | 1,328     | 187    | 116    | 238    | 187       | 93        | 229       |
| News dealers.....                | 21     | 28     | 27     | 83        | 130       | 472       | 20     | 35     | 138    | 5         | 18        | 99        |
| Other retail stores.....         | 782    | 456    | 674    | 10,136    | 5,539     | 15,895    | 1,405  | 895    | 2,365  | 1,609     | 976       | 3,074     |
| Group total.....                 | 2,121  | 1,408  | 1,862  | \$ 31,222 | \$ 23,039 | \$ 43,155 | 3,632  | 2,655  | 5,106  | \$ 4,011  | \$ 2,833  | \$ 6,359  |
| Second-hand stores.....          | 416    | 349    | 283    | \$ 2,134  | \$ 1,771  | \$ 2,728  | 347    | 332    | 297    | \$ 294    | \$ 256    | \$ 342    |
| Total State.....                 | 16,785 | 13,504 | 13,139 | \$409,103 | \$298,156 | \$457,413 | 45,083 | 33,370 | 43,360 | \$ 43,503 | \$ 29,409 | \$ 49,100 |

\*Employees and payroll include paid executives of corporations but not the number and compensation of proprietors of unincorporated businesses. The number of active proprietors of unincorporated businesses were 15,770 in 1939; 12,387 in 1935; 12,393 in 1929.

**RETAIL BUSINESS: NUMBER OF STORES IN COLORADO, SALES, ACTIVE PROPRIETORS, NUMBER OF EMPLOYEES AND PAYROLL, BY COUNTIES, 1939**

(Source: Bureau of the Census)

Note—Similar statistics for counties and cities for 1935, 1933 and 1929 will be found on page 488, Colorado Year Book, 1937-1938 Edition.

| COUNTY       | Number of Stores | Sales         | Active Proprietors of Unincorporated Businesses | *Number of Employees (Average for Year) | *Total Payroll |
|--------------|------------------|---------------|---|---|----------------|
| Adams        | 273              | \$ 3,861,000  | 264   | 351                                     | \$ 342,000     |
| Alamosa      | 172              | 4,717,000     | 173   | 512                                     | 465,000        |
| Arapahoe     | 358              | 7,833,000     | 330   | 705                                     | 661,000        |
| Archuleta    | 50               | 660,000       | 51  | 68                                      | 67,000         |
| Baca         | 111              | 1,190,000     | 100   | 113                                     | 78,000         |
| Bent         | 133              | 1,739,000     | 123   | 203                                     | 146,000        |
| Boulder      | 626              | 13,164,000    | 610   | 1,402                                   | 1,294,000      |
| Chaffee      | 181              | 3,081,000     | 177   | 313                                     | 262,000        |
| Cheyenne     | 63               | 629,000       | 63  | 64                                      | 38,000         |
| Clear Creek  | 78               | 1,381,000     | 78  | 149                                     | 142,000        |
| Conejos      | 119              | 1,552,000     | 124   | 145                                     | 105,000        |
| Costilla     | 78               | 592,000       | 77  | 44                                      | 26,000         |
| Crowley      | 81               | 1,107,000     | 68  | 89                                      | 66,000         |
| Custer       | 40               | 314,000       | 42  | 25                                      | 17,000         |
| Delta        | 238              | 4,018,000     | 227   | 392                                     | 305,000        |
| Denver       | 4,706            | 177,963,000   | 4,294   | 21,582                                  | 22,332,000     |
| Dolores      | 24               | 232,000       | 24  | 10                                      | 8,000          |
| Douglas      | 66               | 706,000       | 60  | 52                                      | 34,000         |
| Eagle        | 90               | 1,296,000     | 81  | 88                                      | 74,000         |
| Elbert       | 70               | 681,000       | 73  | 33                                      | 27,000         |
| El Paso      | 1,004            | 23,878,000    | 913   | 3,055                                   | 2,952,000      |
| Fremont      | 308              | 4,923,000     | 287   | 503                                     | 429,000        |
| Garfield     | 173              | 3,238,000     | 167   | 288                                     | 266,000        |
| Gilpin       | 41               | 325,000       | 44  | 37                                      | 22,000         |
| Grand        | 120              | 1,497,000     | 132   | 123                                     | 106,000        |
| Gunnison     | 118              | 1,864,000     | 130   | 159                                     | 142,000        |
| Hinsdale     | 8                | 44,000        | 8   | 2                                       | 1,000          |
| Huerfano     | 207              | 3,591,000     | 218   | 312                                     | 284,000        |
| Jackson      | 41               | 508,000       | 36  | 46                                      | 37,000         |
| Jefferson    | 388              | 6,275,000     | 386   | 591                                     | 538,000        |
| Kiowa        | 63               | 498,000       | 60  | 37                                      | 20,000         |
| Kit Carson   | 119              | 1,691,000     | 113   | 152                                     | 102,000        |
| Lake         | 104              | 2,967,000     | 89  | 312                                     | 297,000        |
| La Plata     | 208              | 4,939,000     | 208   | 472                                     | 467,000        |
| Larimer      | 651              | 12,995,000    | 614   | 1,199                                   | 1,116,000      |
| Las Animas   | 394              | 7,488,000     | 390   | 799                                     | 665,000        |
| Lincoln      | 152              | 1,649,000     | 148   | 157                                     | 93,000         |
| Logan        | 256              | 5,730,000     | 221   | 562                                     | 491,000        |
| Mesa         | 429              | 11,860,000    | 441   | 1,214                                   | 1,159,000      |
| Mineral      | 27               | 293,000       | 25  | 11                                      | 13,000         |
| Moffat       | 81               | 1,628,000     | 74  | 152                                     | 136,000        |
| Montezuma    | 111              | 2,268,000     | 112   | 190                                     | 172,000        |
| Montrose     | 162              | 4,463,000     | 154   | 449                                     | 444,000        |
| Morgan       | 269              | 5,343,000     | 246   | 522                                     | 491,000        |
| Otero        | 377              | 6,975,000     | 322   | 725                                     | 591,000        |
| Ouray        | 44               | 561,000       | 45  | 43                                      | 32,000         |
| Park         | 89               | 893,000       | 89  | 59                                      | 57,000         |
| Phillips     | 108              | 1,401,000     | 98  | 131                                     | 92,000         |
| Pitkin       | 29               | 246,000       | 32  | 25                                      | 15,000         |
| Prowers      | 222              | 3,479,000     | 192   | 378                                     | 318,000        |
| Pueblo       | 952              | 24,154,000    | 830   | 2,774                                   | 2,688,000      |
| Rio Blanco   | 40               | 866,000       | 33  | 73                                      | 67,000         |
| Rio Grande   | 189              | 3,988,000     | 191   | 390                                     | 349,000        |
| Routt        | 159              | 3,059,000     | 149   | 257                                     | 225,000        |
| Saguache     | 87               | 1,071,000     | 85  | 84                                      | 60,000         |
| San Juan     | 45               | 459,000       | 45  | 48                                      | 42,000         |
| San Miguel   | 52               | 742,000       | 48  | 61                                      | 54,000         |
| Sedgwick     | 89               | 1,607,000     | 87  | 154                                     | 110,000        |
| Summit       | 37               | 348,000       | 40  | 36                                      | 24,000         |
| Teller       | 122              | 1,908,000     | 115   | 185                                     | 171,000        |
| Washington   | 103              | 1,173,000     | 105   | 108                                     | 60,000         |
| Weld         | 853              | 16,700,000    | 813   | 1,613                                   | 1,423,000      |
| Yuma         | 197              | 2,802,000     | 196   | 255                                     | 193,000        |
| Total, State | 16,785           | \$409,103,000 | 15,770  | 45,083                                  | \$43,503,000   |

\*Employees and payroll include paid executives of corporations but not the number and compensation of proprietors of unincorporated businesses.

**RETAIL BUSINESS: NUMBER OF STORES, SALES, ACTIVE PROPRIETORS,  
NUMBER OF EMPLOYEES AND PAYROLL OF CITIES IN COLORADO  
WITH MORE THAN 2,500 POPULATION, 1939\***

(Source: Bureau of the Census)

Note—Similar statistics for counties and cities for 1935, 1933 and 1929 will be found on page 488, Colorado Year Book, 1937-1938 Edition.

| CITIES                 | Number of Stores | Sales        | Active Proprietors of Unincorporated Businesses | *Number of Employees (Average for Year) | *Total Payroll |
|------------------------|------------------|--------------|---|---|----------------|
| Alamosa .....          | 136              | \$ 4,411,000 | 136   | 492                                     | \$ 449,000     |
| Aurora .....           | 58               | 1,191,000    | 51  | 131                                     | 125,000        |
| Boulder .....          | 234              | 6,662,000    | 227   | 790                                     | 763,000        |
| Brighton .....         | 77               | 1,627,000    | 74  | 159                                     | 160,000        |
| Canon City .....       | 137              | 3,126,000    | 130   | 343                                     | 306,000        |
| Colorado Springs ..... | 672              | 20,974,000   | 598   | 2,706                                   | 2,685,000      |
| Delta .....            | 98               | 2,403,000    | 89  | 265                                     | 213,000        |
| Denver .....           | 4,706            | 177,963,000  | 4,294   | 21,582                                  | 22,332,000     |
| Durango .....          | 149              | 4,259,000    | 143   | 426                                     | 428,000        |
| Englewood .....        | 133              | 3,993,000    | 114   | 324                                     | 306,000        |
| Florence .....         | 70               | 1,183,000    | 66  | 122                                     | 91,000         |
| Fort Collins .....     | 244              | 7,640,000    | 230   | 789                                     | 753,000        |
| Fort Morgan .....      | 107              | 2,897,000    | 97  | 311                                     | 299,000        |
| Golden .....           | 59               | 1,594,000    | 58  | 155                                     | 154,000        |
| Grand Junction .....   | 240              | 9,835,000    | 242   | 1,077                                   | 1,053,000      |
| Greeley .....          | 295              | 9,659,000    | 274   | 1,107                                   | 1,017,000      |
| La Junta .....         | 138              | 3,641,000    | 109   | 387                                     | 326,000        |
| Lamar .....            | 120              | 2,459,000    | 99  | 287                                     | 251,000        |
| Las Animas .....       | 79               | 1,476,000    | 68  | 176                                     | 132,000        |
| Leadville .....        | 84               | 2,537,000    | 75  | 259                                     | 245,000        |
| Longmont .....         | 155              | 3,869,000    | 150   | 400                                     | 385,000        |
| Loveland .....         | 146              | 2,791,000    | 136   | 229                                     | 197,000        |
| Monte Vista .....      | 99               | 2,497,000    | 97  | 258                                     | 243,000        |
| Montrose .....         | 101              | 3,635,000    | 91  | 393                                     | 400,000        |
| Pueblo .....           | 801              | 22,800,000   | 693   | 2,649                                   | 2,588,000      |
| Rocky Ford .....       | 115              | 2,058,000    | 102   | 222                                     | 187,000        |
| Salida .....           | 118              | 2,601,000    | 115   | 270                                     | 231,000        |
| Sterling .....         | 154              | 4,911,000    | 131   | 509                                     | 457,000        |
| Trinidad .....         | 211              | 5,761,000    | 214   | 644                                     | 555,000        |
| Walsenburg .....       | 142              | 2,879,000    | 154   | 253                                     | 230,000        |

\*Employees and payroll include paid executives of corporations but not the number and compensation of proprietors of unincorporated businesses.

**RETAIL BUSINESS: POPULATION IN 1940 AND RETAIL SALES IN 1939 OF COLORADO CITIES WITH MORE THAN 10,000 POPULATION, WITH COMPARISONS FOR EARLIER YEARS**

(Source: Bureau of the Census)

| CITY                   | POPULATION              |   | SALES            |               |           |           |                     |                     |
|------------------------|-------------------------|---|------------------|---------------|-----------|-----------|---------------------|---------------------|
|                        | Popula-<br>tion<br>1940 | Per Cent<br>Change<br>1930<br>vs.<br>1940 | Amount (Add 000) |               |           |           | Per Cent<br>Change  |                     |
|                        |                         |   | 1939             | Per<br>Capita | 1935      | 1929      | 1939<br>vs.<br>1935 | 1939<br>vs.<br>1929 |
| Denver .....           | 322,412                 | + 12.0                                    | \$177,963        | \$551.97      | \$127,497 | \$194,163 | + 40                | - 8                 |
| Pueblo .....           | 52,162                  | + 4.1                                     | 22,800           | 437.10        | 15,776    | 26,944    | + 45                | -15                 |
| Colorado Springs ..... | 36,789                  | +10.7                                     | 20,974           | 570.12        | 14,944    | 25,679    | + 40                | -18                 |
| Greeley .....          | 15,995                  | +31.1                                     | 9,659            | 603.88        | 6,973     | 11,559    | + 39                | -16                 |
| Trinidad .....         | 13,223                  | +12.7                                     | 5,761            | 435.68        | 4,835     | 8,556     | + 19                | -33                 |
| Boulder .....          | 12,958                  | +15.5                                     | 6,662            | 514.12        | 6,121     | 7,543     | + 9                 | -12                 |
| Grand Junction .....   | 12,479                  | +21.8                                     | 9,835            | 788.12        | 6,581     | 8,868     | + 49                | +11                 |
| Fort Collins .....     | 12,251                  | + 6.6                                     | 7,640            | 623.62        | 6,031     | 8,142     | + 27                | - 6                 |
| Total, 8 cities .....  | 478,269                 | +11.7                                     | \$261,294        | \$546.23      | \$188,758 | \$291,454 | + 38                | -10                 |
| Total, state .....     | 1,123,296               | + 8.4                                     | \$409,103        | \$364.20      | \$298,156 | \$457,413 | + 37                | -11                 |

**RETAIL BUSINESS: NUMBER OF STORES AND SALES IN COLORADO IN 1939, BY INDEPENDENTS, CHAINS AND OTHER TYPES OF OPERATION, AND PER CENT OF TOTAL SALES, BY TYPES, IN 1939, 1935 AND 1929**

(Source: Bureau of the Census)

| TYPE OF OPERATION                            | Number of Stores | Sales         | Per Cent of Total Sales |       |       |
|--|------------------|---------------|-------------------------|-------|-------|
|  |                  |               | 1939                    | 1935  | 1929  |
| <b>Independents:</b>                         |                  |               |                         |       |       |
| Single-store .....                           | 14,725           | \$279,738,000 | 68.4                    | 68.1  | 70.3  |
| Multiunit .....                              | 743              | 34,310,000    | 8.4                     | 6.8   | 9.0   |
| Market and roadside stands...                | 71               | 847,000       | .2                      | .2    | (1)   |
| Leased departments — independents .....      | 68               | 883,000       | .2                      | .3    | (1)   |
| Total .....                                  | 15,607           | \$315,778,000 | 77.2                    | 75.4  | 79.3  |
| <b>Chains:</b>                               |                  |               |                         |       |       |
| Local chains .....                           | 184              | \$ 10,316,000 | 2.5                     | 2.5   | 3.1   |
| Sectional or national chains (2) .....       | 592              | 70,277,000    | 17.2                    | 19.9  | 12.3  |
| Manufacturer-controlled chains .....         | 57               | 3,622,000     | .9                      | .2    | .5    |
| Leased-department chains...                  | 20               | 542,000       | .1                      | .1    | .1    |
| Total .....                                  | 853              | \$ 84,757,000 | 20.7                    | 22.7  | 16.0  |
| <b>Other types:</b>                          |                  |               |                         |       |       |
| Utility operated stores.....                 | 74               | \$ 2,298,000  | .6                      | .5    | .7    |
| Direct selling (house-to-house) .....        | 133              | 1,497,000     | .3                      | .4    | .4    |
| Commissaries or company stores .....         | 23               | 2,327,000     | .6                      | .5    | .1    |
| Farmer and consumer cooperative stores ..... | 33               | 1,728,000     | .4                      | .4    | (1)   |
| Other types of operation....                 | 62               | 718,000       | .2                      | .1    | 3.5   |
| Total .....                                  | 325              | \$ 8,568,000  | 2.1                     | 1.9   | 4.7   |
| Total, all types.....                        | 16,785           | \$409,103,000 | 100.0                   | 100.0 | 100.0 |

(1) Less than one-tenth of one per cent.

(2) One mail order house, classified as a department store, is combined with "Sectional or national chains."

### WHOLESALE TRADE

Dollar sales of wholesale establishments in Colorado were 34.1 per cent higher in 1939 than in 1935 but 19.4 per cent less than in 1929. Sales in 1939 amounted to \$435,126,000 compared with \$324,382,000 in 1935 and \$539,626,000 in 1929.

The average number of employees increased from 10,102 in 1935 to 13,675 in 1939, a gain of 35.4 per cent. During the same period total payroll increased from \$15,064,000 to \$20,433,000, or 35.6 per cent. Average annual earnings per employee were about the same for the two years, \$1,494 in 1939 as compared with \$1,491 in 1935.

Employees and payroll comparisons with 1935 are qualified by the fact that the scope of the 1939 census was enlarged to include certain employees of assemblers and packers of fruits and vegetables who were excluded in 1935 as agricultural personnel employees whose annual earnings are below the average for other trading establishments. Payroll of part-time employees, the number of whom is not determined, increased from \$333,000 in 1935 to \$441,000 in 1939.

In addition to the 13,675 employees in 1939 there were 1,576 proprietors and firm members of unincorporated businesses for whom no compensation is included in payroll figures. Opera-

tors of commission bulk stations are classified, for purposes of the 1939 census, as proprietors or firm members as they have a proprietary interest in the business. Including 317 commission operators of this type, the total number of proprietors and firm members increased from 830 in 1935 to 1,576 in 1939.

Stocks on hand at the end of the year in terms of cost prices, without adjustments for changes in price levels, were 47.6 per cent higher in 1939 than in 1935 but 26.0 per cent below 1929. Inventories on hand for sale were valued at \$27,729,000 in 1939, as compared with \$18,782,000 in 1935 and \$37,449,000 in 1929.

Denver, one of the 27 leading wholesale centers in the United States in 1935, contributed 78 per cent of the sales, 73 per cent of the employment, and 80 per cent of the payroll of all wholesale establishments in the state.

Dollar sales in Denver were up 30 per cent over 1935, but were short of 1929 by 14 per cent. The number of employees increased 34 per cent over 1935 and payroll 38 per cent, with the result that the average annual earnings per employee rose from \$1 602 to \$1,652. Wholesale trade provided employment for approximately the same number of persons (proprietors and employees combined) in 1939 as in 1929, 10,566 as compared with 10,572.

Wholesale trade, as defined for census purposes, is somewhat broader than the usual conception, as it includes manufacturer-owned sales outlets, petroleum bulk stations and terminals, agents, brokers, and assemblers of farm products, in addition to the more conventional type. The field has been divided, for purposes of presenting the data, into six major groups based upon the type of operation or nature of the functions performed as follows: (1) service and limited-function wholesalers; (2) manufacturers' sales branches, carrying stocks; (3) manufacturers' sales offices, which are separate places of business apart from plants, not carrying stocks; (4) petroleum bulk stations and terminals; (5) agents and brokers; and (6) assemblers of farm products. Some of these groups are further subdivided in an accompanying table.

Three tables on wholesale trade in Colorado are published herewith. One gives the number of establishments, sales, personnel and payroll for the state as a whole and for cities in 1939 with figures for comparative years. Another gives similar information by

counties for 1939, and a third gives the number of establishments and net sales for 1939 and 1935 by types of operations and kinds of businesses.

Of the six functional classes into which the wholesale trade was divided in 1939, the service and limited-function wholesalers accounted for \$164,528,000 in net sales or 50.7 per cent of the net sales of all classes combined. Groceries and food specialties took first place within this group, the net sales being \$36,946,000 or 22.5 per cent of the group total. The next two branches of the business within this group in ranking order were the automotive business with sales of \$20,703,000 or 12.6 per cent of the group total, and farm products (consumers' goods) \$15,170,000 or 9.2 per cent.

Agents and brokers ranked second in the volume of sales, the total being \$92,026,000 or 28.4 per cent of net sales of all groups combined. Farm products (raw materials) was first within this group, the sales amounting to \$59,511,000 or 64.7 per cent of the group total, and groceries and food (specialty lines) came second with sales of \$18,683,000 or 20.3 per cent of the group total.

Third place is occupied by the manufacturers' sales branches which carry stocks, the sales for this group amounting to \$73,202,000 or 22.6 per cent of the total for all groups. The automotive business, with sales amounting to \$17,544,000, ranked first within the group and accounted for 24 per cent of the group total. Groceries and food (specialty lines) was second with sales of \$13,303,000 or 18.2 per cent, and electrical goods third with sales of \$11,785,000 or 16.1 per cent of the group total.

Petroleum bulk stations and terminals came fourth with sales of \$39,357,000 or 12.1 per cent of sales of all groups combined. Within this group independent bulk stations and terminals accounted for 34 per cent of total sales.

Assemblers and dealers in farm products were fifth with sales of \$33,187,000 or 10.2 per cent of total for all groups, and manufacturers' sales offices (without stocks) was sixth with sales of \$32,826,000 or 10.1 per cent. Within the former group farm products (raw materials) reported sales of \$19,837,000 or 59.8 per cent of the group total, and the latter reported metal and metal work sales (exclusive of scrap) of \$19,830,000 or 60.4 per cent of the group total.

**WHOLESALE TRADE: SUMMARY OF ESTABLISHMENTS, SALES, PERSONNEL  
AND PAYROLL FOR COLORADO, DENVER, PUEBLO, COLORADO SPRINGS,  
AND CITIES OF MORE THAN 5,000 POPULATION FOR 1939, WITH COMPARI-  
SONS WITH OTHER CENSUS YEARS**

(Source: Bureau of the Census)

| COUNTY                  | Number<br>of<br>Estab-<br>lish-<br>ments | Sales         | Active<br>Proprietors<br>of<br>Unincor-<br>porated<br>Busi-<br>nesses | <sup>2</sup> Number<br>of Em-<br>ployees<br>(full-time<br>and<br>part time)<br>(Average<br>for Year) | <sup>2</sup> Total<br>Payroll |
|-------------------------|--|---------------|---|--|-------------------------------|
| State:                  |  |               |   |  |                               |
| 1929.....               | 2,075                                    | \$539,626,000 | ...   | 13,869   | \$23,947,000                  |
| 1935 <sup>1</sup> ..... | 1,884                                    | 324,382,000   | 830   | 10,102   | 15,064,000                    |
| 1939.....               | 2,296                                    | 435,126,000   | 1,576   | 13,675   | 20,433,000                    |
| Denver:                 |  |               |   |  |                               |
| 1929.....               | 934                                      | 395,958,000   | 453   | 10,119   | 18,343,000                    |
| 1935 <sup>1</sup> ..... | 835                                      | 261,593,000   | 425   | 7,431  | 11,907,000                    |
| 1939.....               | 993                                      | 340,989,000   | 636   | 9,930  | 16,408,000                    |
| Pueblo:                 |  |               |   |  |                               |
| 1935.....               | 81                                       | 11,524,000    | 41  | 483  | 670,000                       |
| 1939.....               | 94                                       | 16,446,000    | 44  | 669  | 865,000                       |
| Colorado Springs:       |  |               |   |  |                               |
| 1935.....               | 58                                       | 7,261,000     | 31  | 342  | 460,000                       |
| 1939.....               | 70                                       | 8,552,000     | 48  | 411  | 504,000                       |
| Alamosa:                |  |               |   |  |                               |
| 1935.....               | 24                                       | 1,418,000     | 13  | 45   | 53,000                        |
| 1939.....               | 17                                       | 1,501,000     | 10  | 52   | 61,000                        |
| Boulder:                |  |               |   |  |                               |
| 1935.....               | 13                                       | 543,000       | 3   | 36   | 40,000                        |
| 1939.....               | 14                                       | 1,460,000     | 10  | 40   | 54,000                        |
| Canon City:             |  |               |   |  |                               |
| 1935.....               | 8  | 763,000       | 4   | 11   | 10,000                        |
| 1939.....               | 15                                       | 1,445,000     | 13  | 57   | 82,000                        |
| Durango:                |  |               |   |  |                               |
| 1939.....               | 20                                       | 2,481,000     | 16  | 81   | 111,000                       |
| Englewood:              |  |               |   |  |                               |
| 1935.....               | 3  | 98,000        | 2   | 9  | 9,000                         |
| 1939.....               | 3  | 20,000        | 2   | 1  | 1,000                         |
| Ft. Collins:            |  |               |   |  |                               |
| 1935.....               | 18                                       | 692,000       | 12  | 28   | 27,000                        |
| 1939.....               | 12                                       | 854,000       | 10  | 17   | 17,000                        |
| Grand Junction:         |  |               |   |  |                               |
| 1935.....               | 33                                       | 4,648,000     | 13  | 193  | 277,000                       |
| 1939.....               | 40                                       | 6,636,000     | 28  | 292  | 348,000                       |
| Greeley:                |  |               |   |  |                               |
| 1935.....               | 25                                       | 3,961,000     | 12  | 125  | 176,000                       |
| 1939.....               | 40                                       | 5,595,000     | 37  | 223  | 201,000                       |
| La Junta:               |  |               |   |  |                               |
| 1935.....               | 14                                       | 397,000       | 4   | 16   | 23,000                        |
| 1939.....               | 15                                       | 995,000       | 9   | 37   | 44,000                        |
| Longmont:               |  |               |   |  |                               |
| 1935.....               | 11                                       | 1,065,000     | 1   | 31   | 38,000                        |
| 1939.....               | 15                                       | 1,150,000     | 14  | 41   | 38,000                        |
| Loveland:               |  |               |   |  |                               |
| 1935.....               | 9  | 277,000       | 3   | 9  | 10,000                        |
| 1939.....               | 13                                       | 661,000       | 10  | 16   | 19,000                        |
| Sterling:               |  |               |   |  |                               |
| 1935.....               | 20                                       | 1,975,000     | 8   | 82   | 90,000                        |
| 1939.....               | 32                                       | 3,038,000     | 26  | 118  | 142,000                       |
| Trinidad:               |  |               |   |  |                               |
| 1935.....               | 21                                       | 2,779,000     | 8   | 85   | 114,000                       |
| 1939.....               | 30                                       | 4,068,000     | 19  | 125  | 147,000                       |

<sup>1</sup>Data for 1935 exclude personnel and payroll of 98 commission bulk stations.

<sup>2</sup>Employees and payroll include paid executives of corporations but not the number and compensation of proprietors of unincorporated businesses.

**WHOLESALE TRADE: SUMMARY OF ESTABLISHMENTS, SALES, PERSONNEL AND PAYROLL, BY COUNTIES, 1939**

(Source: Bureau of the Census)

| COUNTY       | Number of Establishments | Sales         | Active Proprietors of Unincorporated Businesses | *Number of Employees (full-time and part time) (Average for Year) | *Total Payroll |
|--------------|--------------------------|---------------|---|---|----------------|
| Adams        | 32                       | \$ 2,572,000  | 18  | 78  | \$ 107,000     |
| Alamosa      | 21                       | 1,640,000     | 18  | 65  | 69,000         |
| Arapahoe     | 19                       | 687,000       | 14  | 29  | 33,000         |
| Archuleta    | 2                        | (2)           | (2)   | (2)   | (2)            |
| Baca         | 20                       | 1,036,000     | 15  | 17  | 12,000         |
| Bent         | 11                       | 308,000       | 8   | 10  | 7,000          |
| Boulder      | 44                       | 3,153,000     | 37  | 96  | 108,000        |
| Chaffee      | 15                       | 489,000       | 15  | 6   | 5,000          |
| Cheyenne     | 9                        | 165,000       | 6   | 5   | 4,000          |
| Clear Creek  | 2                        | (2)           | (2)   | (2)   | (2)            |
| Conejos      | 8                        | 437,000       | 2   | 36  | 31,000         |
| Costilla     | 4                        | 185,000       | 4   | 7   | 6,000          |
| Crowley      | 9                        | 400,000       | 6   | 36  | 29,000         |
| Custer       | 2                        | (2)           | (2)   | (2)   | (2)            |
| Delta        | 35                       | 1,417,000     | 24  | 108   | 78,000         |
| Denver       | 993                      | 340,989,000   | 636   | 9,930   | 16,408,000     |
| Dolores      | 6                        | 224,000       | 5   | 6   | 6,000          |
| Douglas      | 9                        | 183,000       | 1   | 10  | 9,000          |
| Eagle        | 5                        | 117,000       | 4   | 4   | 3,000          |
| Elbert       | 17                       | 280,000       | 12  | 13  | 9,000          |
| El Paso      | 88                       | 9,512,000     | 64  | 437   | 533,000        |
| Fremont      | 22                       | 1,705,000     | 18  | 104   | 112,000        |
| Garfield     | 23                       | 1,157,000     | 19  | 21  | 27,000         |
| Gilpin       | 2                        | (2)           | (2)   | (2)   | (2)            |
| Grand        | 11                       | 305,000       | 13  | 4   | 4,000          |
| Gunnison     | 8                        | 302,000       | 10  | 13  | 16,000         |
| Hinsdale     | ..                       | ..            | ..  | ..  | ..             |
| Huerfano     | 16                       | 813,000       | 12  | 31  | 29,000         |
| Jackson      | 2                        | (2)           | (2)   | (2)   | (2)            |
| Jefferson    | 6                        | 194,000       | 7   | 8   | 5,000          |
| Kiowa        | 5                        | 92,000        | 2   | 6   | 8,000          |
| Kit Carson   | 26                       | 538,000       | 18  | 20  | 20,000         |
| Lake         | 9                        | 574,000       | 7   | 19  | 23,000         |
| La Plata     | 25                       | 2,651,000     | 19  | 87  | 118,000        |
| Larimer      | 44                       | 2,262,000     | 36  | 52  | 52,000         |
| Las Animas   | 36                       | 4,187,000     | 27  | 127   | 148,000        |
| Lincoln      | 22                       | 578,000       | 17  | 18  | 14,000         |
| Logan        | 56                       | 3,844,000     | 38  | 148   | 168,000        |
| Mesa         | 64                       | 8,424,000     | 45  | 352   | 428,000        |
| Mineral      | 1                        | (2)           | (2)   | (2)   | (2)            |
| Moffat       | 9                        | 778,000       | 8   | 17  | 23,000         |
| Montezuma    | 24                       | 969,000       | 21  | 30  | 32,000         |
| Montrose     | 22                       | 2,224,000     | 14  | 106   | 94,000         |
| Morgan       | 31                       | 1,195,000     | 24  | 46  | 28,000         |
| Otero        | 46                       | 2,810,000     | 35  | 164   | 113,000        |
| Ouray        | 1                        | (2)           | (2)   | (2)   | (2)            |
| Park         | 6                        | 181,000       | 5   | 6   | 7,000          |
| Phillips     | 23                       | 1,261,000     | 12  | 41  | 41,000         |
| Pitkin       | 1                        | (2)           | (2)   | (2)   | (2)            |
| Prowers      | 40                       | 1,336,000     | 26  | 105   | 63,000         |
| Pueblo       | 107                      | 17,151,000    | 54  | 717   | 906,000        |
| Rio Blanco   | 2                        | (2)           | (2)   | (2)   | (2)            |
| Rio Grande   | 26                       | 2,056,000     | 22  | 60  | 44,000         |
| Routt        | 9                        | 328,000       | 8   | 14  | 14,000         |
| Saguache     | 11                       | 643,000       | 8   | 24  | 23,000         |
| San Juan     | 2                        | (2)           | (2)   | (2)   | (2)            |
| San Miguel   | 3                        | 84,000        | 3   | 3   | 1,000          |
| Sedgwick     | 22                       | 641,000       | 17  | 19  | 18,000         |
| Summit       | 1                        | (2)           | (2)   | (2)   | (2)            |
| Teller       | 4                        | 165,000       | 4   | 4   | 3,000          |
| Washington   | 19                       | 609,000       | 11  | 34  | 29,000         |
| Weld         | 113                      | 9,263,000     | 75  | 328   | 308,000        |
| Yuma         | 45                       | 1,623,000     | 36  | 44  | 40,000         |
| Total, state | 2,296                    | \$435,126,000 | 1,576   | 13,675  | \$20,433,000   |

\*Employees and payroll include paid executives of corporations but not the number and compensation of proprietors of unincorporated businesses.  
 (2) Withheld to avoid disclosure.

**WHOLESALE TRADE: NUMBER OF COLORADO ESTABLISHMENTS AND NET SALES, BY TYPE OF OPERATION AND KIND OF BUSINESS, 1939 AND 1935, WITH PERCENTAGES OF CHANGE**

(Source: Bureau of the Census)

|  | Number of Establishments |      | Net Sales     |               | Per Cent Increase 1939-1935<br>(—Decrease) |
|--|--------------------------|------|---------------|---------------|--|
|  | 1939                     | 1935 | 1939          | 1935          |  |
| Service and limited function wholesalers:        |                          |      |               |               |  |
| Amusement and sporting goods                     | 18                       | 14   | \$ 1,456,000  | \$ 1,140,000  | 27.7                                       |
| Automotive .....                                 | 104                      | 73   | 20,703,000    | 6,665,000     | 210.6                                      |
| Beer, wines and liquors.....                     | 53                       | 33   | 9,972,000     | 4,407,000     | 126.3                                      |
| Chemicals and paints.....                        | 11                       | 7    | 533,000       | 324,000       | 64.5                                       |
| Clothing and furnishings.....                    | 28                       | 20   | 3,218,000     | 2,506,000     | 28.4                                       |
| Coal and coke.....                               | 9                        | 7    | 471,000       | 257,000       | 83.3                                       |
| Drugs and drug sundries....                      | 12                       | 17   | 7,352,000     | 7,154,000     | 2.8  |
| Dry goods.....                                   | 6                        | 5    | 1,393,000     | 884,000       | 57.5                                       |
| Electrical goods.....                            | 27                       | 24   | 6,251,000     | 3,546,000     | 76.3                                       |
| Farm products, raw materials                     | 19                       | 25   | 9,012,000     | 11,081,000    | —23.0                                      |
| Farm products, consumer goods .....              | 152                      | 136  | 15,170,000    | 14,300,000    | 6.1  |
| Farm supplies.....                               | 19                       | 19   | 1,962,000     | 3,169,000     | —61.5                                      |
| Furniture and house furnishings .....            | 11                       | 10   | 2,438,000     | 1,788,000     | 36.4                                       |
| Groceries and food specialties                   | 139                      | 130  | 36,946,000    | 31,582,000    | 17.0                                       |
| Hardware .....                                   | 7                        | 4    | 2,862,000     | 1,349,000     | 112.2                                      |
| Lumber and construction materials .....          | 25                       | 17   | 8,737,000     | 3,310,000     | 164.0                                      |
| Machinery, equipment, supplies .....             | 106                      | 70   | 12,762,000    | 7,938,000     | 60.8                                       |
| Paper and its products.....                      | 12                       | 12   | 3,658,000     | 2,437,000     | 50.1                                       |
| Petroleum and its products..                     | 19                       | 10   | 607,000       | 387,000       | 56.8                                       |
| Plumbing and heating equipment and supplies..... | 17                       | 13   | 1,094,000     | 2,107,000     | —91.7                                      |
| Tobacco and products (except leaf) .....         | 26                       | 17   | 10,819,000    | 4,904,000     | 120.6                                      |
| Waste materials.....                             | 38                       | 28   | 1,645,000     | 1,099,000     | 49.7                                       |
| All others.....                                  | 55                       | 47   | 5,467,000     | 3,474,000     | 57.4                                       |
| Total .....                                      | 913                      | 738  | \$164,528,000 | \$115,808,000 | 42.1                                       |
| Manufacturers' sales branches (with stocks):     |                          |      |               |               |  |
| Amusement and sporting goods                     | 12                       | 5    | \$ 3,205,000  | \$ 818,000    | 291.8                                      |
| Automotive .....                                 | 15                       | 17   | 17,544,000    | 16,461,000    | 6.6  |
| Beers, wines and liquors.....                    | 7                        | 7    | 2,777,000     | 3,329,000     | 19.9                                       |
| Chemicals and paints.....                        | 10                       | (1)  | 5,022,000     | (1)           | ...  |
| Drugs and drug sundries (specialty lines) .....  | 6                        | (1)  | 1,003,000     | (1)           | ...  |
| Electrical goods.....                            | 5                        | 6    | 11,785,000    | 6,808,000     | 73.1                                       |
| Farm products, consumers goods .....             | 5                        | (1)  | 1,121,000     | (1)           | ...  |
| Furniture and house furnishings .....            | 6                        | 5    | 1,778,000     | 1,119,000     | 58.9                                       |
| Groceries and foods (specialty lines) .....      | 28                       | 41   | 13,303,000    | 14,652,000    | —10.1                                      |
| Machinery, equipment, supplies                   | 33                       | 27   | 6,465,000     | 4,336,000     | 49.1                                       |
| Metals and metal work (except scrap).....        | 6                        | 4    | 1,533,000     | 8,340,000     | 444.0                                      |
| Paper and its products.....                      | 4                        | (1)  | 674,000       | (1)           | ...  |
| Plumbing and heating equipment and supplies..... | 8                        | 4    | 3,188,000     | 325,000       | 880.9                                      |
| All others.....                                  | 13                       | 19   | 3,804,000     | 5,629,000     | —48.0                                      |
| Total .....                                      | 158                      | 135  | \$ 73,202,000 | \$ 61,817,000 | 18.4                                       |

**WHOLESALE TRADE: NUMBER OF COLORADO ESTABLISHMENTS AND NET SALES, BY TYPE OF OPERATION AND KIND OF BUSINESS, 1939 AND 1935, WITH PERCENTAGES OF CHANGE—Continued,**

|   | Number of Establishments |       | Net Sales     |               | Per Cent Increase 1939-1935 (—Decrease) |
|---|--------------------------|-------|---------------|---------------|---|
|   | 1939                     | 1935  | 1939          | 1935          |   |
| <b>Manufacturers' sales offices (without stocks):</b> |                          |       |               |               |   |
| Groceries and foods (specialty lines) .....           | 13                       | 5     | \$ 2,800,000  | \$ 6,445,000  | 130.2                                   |
| Lumber and construction materials .....               | 4                        | (1)   | 2,745,000     | (1)           | ...                                     |
| Machinery, equipment and supplies .....               | 10                       | 14    | 2,186,000     | 3,943,000     | —80.4                                   |
| Metal and metal work (except scrap) .....             | 7                        | 9     | 19,830,000    | 2,884,000     | 587.5                                   |
| All others.....                                       | 11                       | 19    | 5,265,000     | 6,701,000     | —27.3                                   |
| Total .....   | 45                       | 47    | \$ 32,826,000 | \$ 19,973,000 | 64.4                                    |
| <b>Petroleum bulk stations and terminals*:</b>        |                          |       |               |               |   |
| Independent bulk stations...                          | 135                      | 77    | \$ 13,366,000 | \$ 5,686,000  | 135.1                                   |
| Commission stations.....                              | 317                      | 98    | 13,159,000    | 3,653,000     | 260.2                                   |
| Salary stations†.....                                 | 101                      | ..    | 12,442,000    | .....         | ...                                     |
| Cooperative bulk stations....                         | 7                        | ..    | 390,000       | .....         | ...                                     |
| All others.....                                       | ...                      | 307   | .....         | 16,320,000    | ...                                     |
| Total .....   | 560                      | 482   | \$ 39,357,000 | \$ 25,659,000 | 53.4                                    |
| <b>Agents and brokers:</b>                            |                          |       |               |               |   |
| Clothing and furnishings...                           | 11                       | 5     | \$ 681,000    | \$ 331,000    | 105.7                                   |
| Coal and coke.....                                    | 5                        | 9     | 559,000       | 2,634,000     | —371.2                                  |
| Electrical goods.....                                 | 14                       | 8     | 1,226,000     | 679,000       | 80.6                                    |
| Farm products, raw materials                          | 40                       | 32    | 59,511,000    | 47,194,000    | 26.1                                    |
| Farm products, consumers goods .....                  | 17                       | 23    | 4,158,000     | 7,580,000     | —82.3                                   |
| Furniture and house furnishings .....                 | 9                        | 5     | 1,090,000     | 753,000       | 44.8                                    |
| Groceries and food (specialty lines) .....            | 37                       | 26    | 18,683,000    | 15,932,000    | 172.7                                   |
| Hardware .....  | 7                        | 5     | 377,000       | 211,000       | 78.7                                    |
| Lumber and construction materials .....               | 3                        | 6     | 333,000       | 280,000       | 18.9                                    |
| Machinery, equipment, supplies .....                  | 39                       | 32    | 4,360,000     | 4,009,000     | 8.8                                     |
| All others.....                                       | 15                       | 29    | 1,048,000     | 1,310,000     | —25.0                                   |
| Total .....   | 197                      | 180   | \$ 92,026,000 | \$ 80,913,000 | 13.7                                    |
| <b>Assemblers and farm products:</b>                  |                          |       |               |               |   |
| Farm products, raw materials                          | 204                      | 138   | \$ 19,837,000 | \$ 13,458,000 | 473.9                                   |
| Farm products, consumers'..                           | 213                      | 152   | 12,909,000    | 6,404,000     | 101.6                                   |
| Farm supplies.....                                    | 6                        | 6     | 441,000       | 184,000       | 139.6                                   |
| All others.....                                       | ...                      | 6     | .....         | 166,000       | ...                                     |
| Total .....   | 423                      | 302   | \$ 33,187,000 | \$ 20,212,000 | 64.2                                    |
| <b>Recapitulation:</b>                                |                          |       |               |               |   |
| Service and limited function, Wholesalers .....       | 913                      | 738   | \$164,528,000 | \$115,808,000 | 42.1                                    |
| Manufacturers' sales branches                         | 158                      | 135   | 73,202,000    | 61,817,000    | 18.4                                    |
| Manufacturers' sales offices..                        | 45                       | 47    | 32,826,000    | 19,973,000    | 64.4                                    |
| Petroleum bulk stations and terminals .....           | 560                      | 482   | 39,357,000    | 25,659,000    | 53.4                                    |
| Agents and brokers.....                               | 197                      | 180   | 92,026,000    | 80,913,000    | 13.7                                    |
| Assemblers of farm products..                         | 423                      | 302   | 33,187,000    | 20,212,000    | 64.2                                    |
| Total, State.....                                     | 2,296                    | 1,884 | \$435,126,000 | \$324,382,000 | 34.1                                    |

(1) Combined with "All Others" for the year 1935.

\*Sales include taxes. Expenses as shown for commission stations represent commissions only.

†Includes 2 distributing terminals.

### SERVICE ESTABLISHMENTS

There were 6,186 establishments in Colorado in operation during 1939 whose primary activity was the sale of service and who did a volume of business amounting to \$27,473,000. These establishments reported employment of 9,422 persons (average for year), of which 7,675 were full-time employees and 1,747 part-time employees. In addition, 6,333 proprietors were reported who devoted the major portion of their time to the operation of their business. The total payroll for the year (exclusive of proprietors' compensation) amounted to \$8,221,000, full-time employees receiving \$7,648,000 and part-time employees \$573,000.

The canvass of the state was made during the first eight months of 1940 by enumerators who personally visited each establishment. For the purpose of the census service establishments were classified into five major groups. These included personal service establishments, business service establishments, services allied with transportation, automotive repairs and services, and customs industries. The census did not include the business activities of doctors, lawyers, dentists and others performing a professional or scientific service, nor religious and educational institutions, public utilities and government-operated enterprises. A similar census was taken for 1935, but on account of important differences in scope and rearrangement of classifications, the two are not comparable. Establishments whose preponderance of business came from operations other than service are not included in the census of service establishments. An undertaker also engaged in the furniture business, for example, was classed under retail trade if the receipts from the latter exceeded that of the former.

Most important in the service field from the standpoint of volume of business done, were power laundries, which alone accounted for approximately one-sixth of the total receipts of all service establishments in the state. The 2,713 establishments classified in five kinds of business (power laundries, funeral directors and crematories, general automobile repair shops, beauty parlors, and barber shops) reported receipts of \$12,932,000 which represent nearly one-half of the

receipts of all service establishments; 4,859 employees (average for year) whose compensation amounted to \$4,286,000, representing over 51 per cent of both the employment and pay roll of all service establishments in the state that come within the scope of the service census; and 2,801, or over two-fifths of the active proprietors.

Colorado ranked 30th among the states of the Union in the amount of receipts of service establishments in 1939, 33rd in the average number of employees and 29th in payroll. Establishments in the state accounted for 33.1 per cent of the receipts in the eight states comprising the mountain group. In the same group Colorado establishments had a payroll equal to 35.7 per cent of the eight states combined. The states with which Colorado is grouped are Montana, Idaho, Wyoming, New Mexico, Arizona, Utah and Nevada.

Denver County, which is coextensive with the city of Denver, is the leading county in the state in both number of establishments reported (2,547) and volume of receipts (\$15,741,000); Pueblo county, including the city of Pueblo, ranks second; and El Paso county, including Colorado Springs, third.

The combined totals of the cities of Denver, Pueblo, and Colorado Springs (cities having 25,000 or more inhabitants) represent 51.6 per cent of the total number of service establishments in Colorado, while their total receipts account for 69.1 per cent of the state's total. Receipts per establishment in these three cities average \$5,945 as compared with \$2,839 for the balance of the state, reflecting the larger establishments common only to such kinds of business as power laundries, cleaning and dyeing plants, and certain business services, which are located for the most part in cities. Average compensation per employee for these cities is \$909 as compared with \$765 for the balance of the state.

Three tables on service establishments are published herewith. One of these gives the number of establishments, receipts, personnel and payroll by kinds of business for the state as a whole. Another gives the same information by counties, and a third presents the same data for cities and towns of more than 2,500 population.

**SERVICE ESTABLISHMENTS: ESTABLISHMENTS IN COLORADO, RECEIPTS, PERSONNEL AND PAYROLL, BY KINDS OF BUSINESS, 1939**

(Source: Bureau of the Census)

Note—Only recognizable places of business are considered establishments, and a place of business to be classed as a service establishment must have been primarily engaged in providing service to the extent of at least 50 per cent or more of total revenue. Census of Service Establishments for 1939 is not comparable with census of 1935 due to numerous changes in classifications.

| KIND OF BUSINESS  | Number of Establishments | Receipts            | Active Proprietors of Unincorporated Businesses | *Number of Employees (Average) | *Payroll            |
|---|--------------------------|---------------------|---|--------------------------------|---------------------|
| <b>Personal services:</b>                                     |                          |                     |   |                                |                     |
| Barber shops.....   | 1,029                    | \$ 1,937,000        | 1,076   | 658                            | \$ 543,000          |
| Barber and beauty shops.....                                  | 80                       | 271,000             | 98  | 130                            | 96,000              |
| Baths and masseurs' establishments (Turkish, etc.).....       | 36                       | 83,000              | 35  | 18                             | 12,000              |
| Beauty parlors.....   | 911                      | 2,009,000           | 938   | 847                            | 584,000             |
| Cleaning, dyeing, pressing, alteration, and repair shops..... | 361                      | 876,000             | 372   | 214                            | 158,000             |
| Cleaning and dyeing plants....                                | 157                      | 1,770,000           | 171   | 725                            | 676,000             |
| Funeral directors, embalmers, and crematories.....            | 145                      | 2,497,000           | 142   | 366                            | 517,000             |
| Fur repair and storage shops..                                | 15                       | 43,000              | 15  | 9                              | 5,000               |
| Laundries, hand.....  | 50                       | 83,000              | 51  | 46                             | 19,000              |
| Laundries, power.....   | 84                       | 4,310,000           | 63  | 2,583                          | 2,281,000           |
| Linens supply service without laundry facilities.....         | 9                        | 153,000             | 6   | 46                             | 33,000              |
| Photographic studios.....                                     | 139                      | 535,000             | 143   | 116                            | 86,000              |
| Rug cleaning establishments....                               | 10                       | 60,000              | 7   | 24                             | 24,000              |
| Shoe repair shops.....  | 445                      | 908,000             | 442   | 151                            | 113,000             |
| Shoe shine parlors.....                                       | 71                       | 66,000              | 78  | 27                             | 11,000              |
| Other personal services.....                                  | 56                       | 150,000             | 59  | 52                             | 37,000              |
| <b>Total .....</b>  | <b>3,598</b>             | <b>\$15,751,000</b> | <b>3,696</b>                                    | <b>6,012</b>                   | <b>\$ 5,195,000</b> |
| <b>Business services:</b>                                     |                          |                     |   |                                |                     |
| Adjustment and credit bureaus, and collection agencies.....   | 64                       | \$ 744,000          | 52  | 314                            | \$ 347,000          |
| Advertising agencies.....                                     | 17                       | 259,000             | 13  | 71                             | 111,000             |
| Auctioneers' establishments (service only).....               | 22                       | 65,000              | 26  | 63                             | 17,000              |
| Billboard advertising service..                               | 8                        | 327,000             | 8   | 100                            | 96,000              |
| Coin-operated machine rental and repair service.....          | 33                       | 233,000             | 39  | 29                             | 37,000              |
| Court reporting and public stenographic agencies.....         | 20                       | 46,000              | 19  | 16                             | 11,000              |
| Dental laboratories.....                                      | 30                       | 355,000             | 39  | 74                             | 110,000             |
| Duplicating addressing, mailing list service.....             | 23                       | 126,000             | 27  | 59                             | 38,000              |
| Employment agencies.....                                      | 17                       | 88,000              | 16  | 29                             | 28,000              |
| Photo finishing laboratories....                              | 15                       | 73,000              | 12  | 16                             | 13,000              |
| Sign painting shops.....                                      | 69                       | 199,000             | 77  | 46                             | 43,000              |
| Window cleaning service.....                                  | 15                       | 82,000              | 15  | 49                             | 40,000              |
| Other business services.....                                  | 77                       | 707,000             | 61  | 607                            | 283,000             |
| <b>Total .....</b>  | <b>410</b>               | <b>\$ 3,304,000</b> | <b>404</b>                                      | <b>1,473</b>                   | <b>\$ 1,174,000</b> |
| Services allied to transportation..                           | 23                       | \$ 923,000          | 16  | 291                            | \$ 427,000          |
| <b>Automotive repairs and services:</b>                       |                          |                     |   |                                |                     |
| Automobile paint shop.....                                    | 18                       | \$ 91,000           | 23  | 21                             | \$ 20,000           |
| Automobile radiator shop.....                                 | 17                       | 46,000              | 17  | 7                              | 6,000               |
| Automobile rental service.....                                | 7                        | 347,000             | 2   | 51                             | 79,000              |
| Automobile repair shops (general) .....                       | 544                      | 2,179,000           | 582   | 405                            | 361,000             |
| Automobile storage garages....                                | 25                       | 305,000             | 17  | 99                             | 91,000              |
| Automobile top and body repair shops .....                    | 78                       | 472,000             | 85  | 147                            | 157,000             |
| Battery and ignition repair shops .....                       | 27                       | 106,000             | 27  | 20                             | 18,000              |
| Parking lots.....   | 83                       | 295,000             | 69  | 78                             | 57,000              |
| Tire repair shops.....  | 24                       | 58,000              | 27  | 6                              | 4,000               |
| Wheel, axle, and spring repair shops .....                    | 6                        | 170,000             | 8   | 39                             | 49,000              |
| Other automotive repairs.....                                 | 16                       | 68,000              | 16  | 15                             | 12,000              |
| <b>Total .....</b>  | <b>845</b>               | <b>\$ 4,137,000</b> | <b>873</b>                                      | <b>888</b>                     | <b>\$ 854,000</b>   |

**SERVICE ESTABLISHMENTS: ESTABLISHMENTS IN COLORADO, RECEIPTS,  
PERSONNEL AND PAY ROLL, BY KINDS OF BUSINESS, 1939—Continued**

| KIND OF BUSINESS   | Number of Establishments | Receipts     | Active Proprietors of Unincorporated Businesses | *Number of Employees (Average) | *Payroll     |
|--|--------------------------|--------------|---|--------------------------------|--------------|
| Other repair services (except automobile, apparel, and shoes):         |                          |              |   |                                |              |
| Armature rewinding shops.....  | 8                        | \$ 65,000    | 7   | 14                             | \$ 19,000    |
| Blacksmith shops.....  | 244                      | 413,000      | 256   | 61                             | 50,000       |
| Electrical appliance repair shops                                      | 41                       | 125,000      | 34  | 38                             | 33,000       |
| Harness and leather goods repair shops.....                            | 35                       | 50,000       | 35  | 2                              | (2)          |
| Locksmith and gunsmith shops.....                                      | 25                       | 46,000       | 25  | 7                              | 5,000        |
| Radio repair shops.....  | 84                       | 160,000      | 87  | 26                             | 19,000       |
| Refrigerator service and repair shops .....                            | 12                       | 31,000       | 13  | 6                              | 5,000        |
| Saw and tool sharpening and repair shops.....                          | 23                       | 37,000       | 24  | 6                              | 8,000        |
| Upholstery and furniture repair shops .....                            | 67                       | 155,000      | 72  | 33                             | 33,000       |
| Watch, clock, and jewelry repair shops .....                           | 87                       | 171,000      | 88  | 18                             | 22,000       |
| Other repair services.....   | 90                       | 213,000      | 91  | 29                             | 30,000       |
| Total .....  | 716                      | \$ 1,466,000 | 732   | 240                            | \$ 224,000   |
| Custom industries:†  |                          |              |   |                                |              |
| Awning and tent manufacturing establishments (including repairs) ..... | 7                        | \$ 51,000    | 6   | 13                             | \$ 9,000     |
| Cabinetmaking shops (including woodworking) .....                      | 31                       | 67,000       | 34  | 15                             | 15,000       |
| Machine shops.....   | 52                       | 159,000      | 53  | 37                             | 34,000       |
| Mattress renovating and repair shops .....                             | 15                       | 60,000       | 15  | 11                             | 8,000        |
| Printing and publishing shops..  | 193                      | 471,000      | 197   | 131                            | 61,000       |
| Tinsmith shops.....  | 24                       | 76,000       | 25  | 22                             | 16,000       |
| Tire retreading shops.....   | 11                       | 81,000       | 13  | 11                             | 11,000       |
| Welding shops.....   | 51                       | 124,000      | 54  | 22                             | 20,000       |
| Other custom and manufacturing industries.....                         | 151                      | 371,000      | 157   | 131                            | 70,000       |
| Total .....  | 535                      | \$ 1,460,000 | 534   | 393                            | \$ 244,000   |
| Miscellaneous services.....  | 59                       | \$ 432,000   | 58  | 125                            | \$ 103,000   |
| Total State.....   | 6,186                    | \$27,473,000 | 6,333   | 9,422                          | \$ 8,221,000 |

\*Employees and payroll include paid executives of corporations but not the number and compensation of proprietors of unincorporated businesses.

(2) Less than \$500.

†Includes custom industries, and small manufacturing plants not included in the Census of Manufacturers, for the reason that the value of products of each establishment is less than the minimum necessary to be classed as a manufacturing plant.

**SERVICE ESTABLISHMENTS: ESTABLISHMENTS IN COLORADO, RECEIPTS, PERSONNEL AND PAYROLL, BY CITIES AND TOWNS OF MORE THAN 2,500 POPULATION, 1939**

(Source: Bureau of Census)

Note—Only recognizable places of business are considered establishments, and a place of business to be classed as a service establishment must have been primarily engaged in providing service to the extent of at least 50 per cent or more of total revenue. Census of Service Establishments for 1939 is not comparable with census of 1935 due to numerous changes in classifications.

| CITY OR TOWN          | Number of Establishments | Receipts   | Active Proprietors of Unincorporated Businesses | *Number of Employees | *Payroll  |
|-----------------------|--------------------------|------------|---|----------------------|-----------|
| Alamosa .....         | 49                       | \$ 193,000 | 52  | 60                   | \$ 50,000 |
| Aurora .....          | 13                       | 31,000     | 14  | 9                    | 8,000     |
| Boulder .....         | 99                       | 441,000    | 106   | 150                  | 120,000   |
| Brighton .....        | 35                       | 170,000    | 35  | 49                   | 47,000    |
| Canon City.....       | 69                       | 181,000    | 76  | 56                   | 34,000    |
| Colorado Springs..... | 295                      | 1,527,000  | 298   | 563                  | 482,000   |
| Delta .....           | 38                       | 119,000    | 41  | 32                   | 19,000    |
| Denver .....          | 2,547                    | 15,741,000 | 2,540   | 5,917                | 5,439,000 |
| Durango .....         | 55                       | 309,000    | 57  | 98                   | 90,000    |
| Englewood .....       | 39                       | 149,000    | 38  | 40                   | 28,000    |
| Florence .....        | 27                       | 60,000     | 26  | 10                   | 5,000     |
| Fort Collins.....     | 101                      | 415,000    | 107   | 135                  | 104,000   |
| Fort Morgan.....      | 41                       | 153,000    | 45  | 49                   | 28,000    |
| Golden .....          | 20                       | 50,000     | 20  | 23                   | 19,000    |
| Grand Junction.....   | 112                      | 672,000    | 132   | 203                  | 188,000   |
| Greeley .....         | 132                      | 586,000    | 142   | 201                  | 172,000   |
| La Junta.....         | 45                       | 179,000    | 43  | 61                   | 49,000    |
| Lamar .....           | 46                       | 134,000    | 49  | 31                   | 21,000    |
| Las Animas.....       | 29                       | 61,000     | 29  | 19                   | 13,000    |
| Leadville .....       | 41                       | 141,000    | 43  | 41                   | 30,000    |
| Longmont .....        | 63                       | 221,000    | 68  | 67                   | 53,000    |
| Loveland .....        | 57                       | 146,000    | 59  | 41                   | 31,000    |
| Monte Vista.....      | 36                       | 108,000    | 41  | 29                   | 25,000    |
| Montrose .....        | 38                       | 160,000    | 45  | 54                   | 35,000    |
| Pueblo .....          | 349                      | 1,703,000  | 351   | 550                  | 470,000   |
| Rocky Ford.....       | 39                       | 104,000    | 37  | 33                   | 22,000    |
| Salida .....          | 44                       | 132,000    | 48  | 45                   | 30,000    |
| Sterling .....        | 55                       | 206,000    | 54  | 71                   | 60,000    |
| Trinidad .....        | 96                       | 333,000    | 106   | 120                  | 91,000    |
| Walsenburg .....      | 45                       | 127,000    | 50  | 29                   | 17,000    |

\*Employees and payroll include paid executives of corporations but not the number and compensation of proprietors of unincorporated businesses.

**SERVICE ESTABLISHMENTS: ESTABLISHMENTS IN COLORADO, RECEIPTS, PERSONNEL AND PAYROLL, BY COUNTIES, 1939**

(Source: Bureau of the Census)

Note—Only recognizable places of business are considered establishments, and a place of business to be classed as a service establishment must have been primarily engaged in providing service to the extent of at least 50 per cent or more of total revenue. Census of Service Establishments for 1939 is not comparable with census of 1935 due to numerous changes in classifications.

| COUNTY      | Number of Establishments | Receipts     | Active Proprietors of Unincorporated Businesses | *Number of Employees | *Payroll     |
|-------------|--------------------------|--------------|---|----------------------|--------------|
| Adams       | 77                       | \$ 274,000   | 80  | 76                   | \$ 64,000    |
| Alamosa     | 56                       | 199,000      | 59  | 60                   | 50,000       |
| Arapahoe    | 74                       | 222,000      | 75  | 57                   | 40,000       |
| Archuleta   | 9                        | 15,000       | 9   | 3                    | 2,000        |
| Baca        | 35                       | 54,000       | 36  | 14                   | 7,000        |
| Bent        | 37                       | 66,000       | 37  | 19                   | 13,000       |
| Boulder     | 204                      | 722,000      | 218   | 225                  | 177,000      |
| Chaffee     | 59                       | 153,000      | 64  | 49                   | 32,000       |
| Cheyenne    | 15                       | 19,000       | 16  | 2                    | (2)          |
| Clear Creek | 23                       | 47,000       | 22  | 9                    | 7,000        |
| Conejos     | 23                       | 31,000       | 24  | 8                    | 5,000        |
| Costilla    | 11                       | 10,000       | 11  | 1                    | 1,000        |
| Crowley     | 22                       | 25,000       | 24  | 2                    | 1,000        |
| Custer      | 9                        | 15,000       | 8   | (3)                  | (2)          |
| Delta       | 98                       | 232,000      | 104   | 51                   | 28,000       |
| Denver      | 2,547                    | 15,741,000   | 2,540   | 5,917                | 5,439,000    |
| Dolores     | 5                        | 5,000        | 6   | 1                    | (2)          |
| Douglas     | 10                       | 14,000       | 10  | 1                    | (2)          |
| Eagle       | 22                       | 31,000       | 20  | 4                    | 2,000        |
| Elbert      | 17                       | 33,000       | 17  | 2                    | 3,000        |
| El Paso     | 348                      | 1,680,000    | 348   | 621                  | 531,000      |
| Fremont     | 105                      | 250,000      | 111   | 67                   | 39,000       |
| Garfield    | 55                       | 152,000      | 55  | 35                   | 30,000       |
| Gilpin      | 5                        | 5,000        | 6   | (3)                  | (2)          |
| Grand       | 17                       | 23,000       | 19  | 10                   | 5,000        |
| Gunnison    | 23                       | 71,000       | 28  | 19                   | 15,000       |
| Hinsdale    | 1                        | (4)          | (4)   | (4)                  | (4)          |
| Huerfano    | 57                       | 134,000      | 62  | 29                   | 17,000       |
| Jackson     | 11                       | 23,000       | 11  | 3                    | 2,000        |
| Jefferson   | 74                       | 159,000      | 76  | 53                   | 35,000       |
| Kiowa       | 10                       | 13,000       | 10  | 3                    | 2,000        |
| Kit Carson  | 30                       | 52,000       | 32  | 13                   | 8,000        |
| Lake        | 42                       | 141,000      | 43  | 41                   | 30,000       |
| La Plata    | 72                       | 327,000      | 75  | 101                  | 91,000       |
| Larimer     | 191                      | 652,000      | 202   | 197                  | 156,000      |
| Las Animas  | 109                      | 342,000      | 119   | 121                  | 92,000       |
| Lincoln     | 38                       | 59,000       | 41  | 5                    | 3,000        |
| Logan       | 80                       | 231,000      | 78  | 72                   | 61,000       |
| Mesa        | 174                      | 774,000      | 198   | 213                  | 196,000      |
| Mineral     | 4                        | 3,000        | 4   | ..                   | ..           |
| Moffat      | 24                       | 56,000       | 24  | 13                   | 13,000       |
| Montezuma   | 36                       | 83,000       | 37  | 16                   | 12,000       |
| Montrose    | 56                       | 177,000      | 64  | 60                   | 38,000       |
| Morgan      | 81                       | 232,000      | 87  | 64                   | 37,000       |
| Otero       | 115                      | 334,000      | 114   | 103                  | 74,000       |
| Ouray       | 13                       | 19,000       | 13  | 2                    | 1,000        |
| Park        | 11                       | 20,000       | 10  | 2                    | 2,000        |
| Phillips    | 32                       | 53,000       | 33  | 24                   | 7,000        |
| Pitkin      | 9                        | 13,000       | 11  | 4                    | 2,000        |
| Prowers     | 72                       | 175,000      | 76  | 34                   | 22,000       |
| Pueblo      | 375                      | 1,800,000    | 376   | 585                  | 509,000      |
| Rio Blanco  | 10                       | 24,000       | 9   | 5                    | 4,000        |
| Rio Grande  | 58                       | 164,000      | 64  | 44                   | 34,000       |
| Routt       | 41                       | 133,000      | 44  | 35                   | 22,000       |
| Saguache    | 20                       | 36,000       | 20  | 3                    | 2,000        |
| San Juan    | 6                        | 10,000       | 6   | 3                    | 2,000        |
| San Miguel  | 10                       | 18,000       | 8   | 3                    | 3,000        |
| Sedgwick    | 31                       | 66,000       | 31  | 12                   | 6,000        |
| Summit      | 9                        | 15,000       | 11  | 2                    | 1,000        |
| Teller      | 39                       | 88,000       | 38  | 25                   | 25,000       |
| Washington  | 22                       | 28,000       | 23  | 4                    | 4,000        |
| Weld        | 273                      | 856,000      | 291   | 256                  | 206,000      |
| Yuma        | 44                       | 74,000       | 45  | 19                   | 11,000       |
| State total | 6,186                    | \$27,473,000 | 6,333   | 9,422                | \$ 8,221,000 |

\*Employees and payroll include paid executives but not the number and compensation of proprietors of unincorporated businesses.

(2) Less than \$500.

(3) Average less than one.

(4) Combined with Gunnison county in order not to disclose individual operations.

**CONSTRUCTION — COLORADO, 1939**

The 2,028 general contractors, builders and special trade contractors reporting for the state of Colorado in the 1940 census, performed construction work with their own forces in 1939 valued at \$40,165,000.

In connection with this work, they furnished materials and installed equipment which cost \$17,122,000 (delivered at the site of construction) and employed an average of 9,668 persons who drew salaries and wages during the year of \$11,668,000. In addition to these employees, there were 2,199 active proprietors and firm members, making a total of 11,867 persons who were engaged in this phase of the construction industry in 1939.

The 375 general contractors, with an average volume of \$66,925 per establishment, accounted for \$25,097,000, or 62.5 per cent of the total volume; while the 1,603 special trade contractors

(plumbing, painting, excavating contractors, etc.), with an average volume of \$8,890, accounted for \$14,251,000, or 35.5 per cent of the total work performed. Operative, speculative, and investment builders (engaged in building for themselves for profit through lease or sale) accounted for the remaining \$817,000, or 2 per cent of the total work performed.

The 824 contractors reporting from the city of Denver constituted 40.6 per cent of the establishments reporting from the entire state. They accounted for nearly 64 per cent of the total work performed in the state, with a volume of \$25,606,000.

A table published herewith gives a summary of the construction industry for Colorado and Denver in 1939, and another shows comparative figures for 1939 and 1929 on all items for which data was collected on the same classifications for the two census years.

**CONSTRUCTION: COMPARATIVE DATA 1939 AND 1929 ON CONTRACTS COLORADO FIRMS VALUED AT \$25,000 OR MORE**

(Source: Bureau of the Census)

Note—The construction census of 1929 was limited to establishments which did a business of \$25,000 or more in that year. Therefore, no direct comparison can be made with 1939. This table gives data for the two census years on a comparative basis by omitting contracts in 1939 for less than \$25,000.

|                                       | Number of Establishments | Work Performed | Payroll      | Materials Used and Equipment Installed |
|---------------------------------------|--------------------------|----------------|--------------|--|
| <b>General contractors:</b>           |                          |                |              |  |
| <b>Building contractors*:</b>         |                          |                |              |  |
| 1929 .....                            | 67                       | \$ 6,058,000   | \$ 2,079,000 | \$ 2,849,000                           |
| 1939 .....                            | 86                       | 9,406,000      | 3,265,000    | 4,836,000                              |
| <b>Highway and heavy contractors:</b> |                          |                |              |  |
| 1929 .....                            | 50                       | 8,988,000      | 3,095,000    | 2,928,000                              |
| 1939 .....                            | 41                       | 14,023,000     | 3,965,000    | 4,580,000                              |
| <b>Special trade contractors:</b>     |                          |                |              |  |
| 1929 .....                            | 94                       | 7,994,000      | 2,339,000    | 4,232,000                              |
| 1939 .....                            | 100                      | 6,941,000      | 2,138,000    | 3,646,000                              |
| Total State, 1929.....                | 211                      | 23,040,000     | 7,513,000    | 10,009,000                             |
| 1939.....                             | 227                      | 30,370,000     | 9,368,000    | 13,062,000                             |

\*Includes builders.

## CONSTRUCTION IN STATE OF COLORADO AND CITY OF DENVER IN 1939

(Source: Bureau of the Census)

Note—This report includes all work done by contractors and builders who indicated that they maintained a regular or permanent business address in Colorado. It includes all work handled from that address, regardless of whether the site of construction was in Colorado or elsewhere within the continental United States. It does not include work done within the state by out-of-state firms. Similarly, the data for Denver includes construction work done by contractors and builders who reported from that city although the site of construction may have been located elsewhere. Work done on sites in Denver by firms whose office addresses were outside the corporate limits is not included.

|                                      | Estab-<br>lish-<br>ments<br>(Number) | Work<br>Performed<br>(Amount) | Active<br>Proprie-<br>tors<br>(Number) | Average<br>Number<br>Em-<br>ployees | Payroll      | Materials<br>Used and<br>Equipment<br>Installed<br>(Amount) |
|--------------------------------------|--------------------------------------|-------------------------------|--|-------------------------------------|--------------|---|
| <b>COLORADO</b>                      |                                      |                               |  |                                     |              |   |
| Builders .....                       | 50                                   | \$ 817,000                    | 55                                     | 126                                 | \$ 181,000   | \$ 549,000  |
| Per cent.....                        | 2.5                                  | 2.0                           | 2.5                                    | 1.3                                 | 1.6          | 3.2   |
| General contractors:                 |                                      |                               |  |                                     |              |   |
| Building .....                       | 325                                  | 10,959,000                    | 355                                    | 2,892                               | 3,572,000    | 5,517,000   |
| Per cent.....                        | 16.0                                 | 27.3                          | 16.1                                   | 29.9                                | 30.6         | 32.2  |
| Highway contractors...               | 33                                   | 8,415,000                     | 33                                     | 2,002                               | 2,589,000    | 2,327,000   |
| Per cent.....                        | 1.6                                  | 21.0                          | 1.5                                    | 20.7                                | 22.2         | 13.6  |
| Heavy contractors.....               | 17                                   | 5,723,000                     | 15                                     | 1,196                               | 1,412,000    | 2,265,000   |
| Per cent.....                        | .8                                   | 14.2                          | .7                                     | 12.4                                | 12.1         | 13.2  |
| Total general con-<br>tractors ..... | 375                                  | \$25,097,000                  | 403                                    | 6,090                               | \$ 7,573,000 | \$10,109,000  |
| Per cent.....                        | 18.4                                 | 62.5                          | 18.3                                   | 63.0                                | 64.9         | 59.0  |
| Special trade contractor..           | 1,603                                | \$14,251,000                  | 1,741                                  | 3,452                               | \$ 3,914,000 | \$ 6,464,000  |
| Per cent.....                        | 79.1                                 | 35.5                          | 79.2                                   | 35.7                                | 33.5         | 37.8  |
| Total, State.....                    | 2,028                                | \$40,165,000                  | 2,199                                  | 9,668                               | \$11,668,000 | \$17,122,000  |
| Per cent.....                        | 100.0                                | 100.0                         | 100.0                                  | 100.0                               | 100.0        | 100.0   |
| <b>DENVER</b>                        |                                      |                               |  |                                     |              |   |
| Builders .....                       | 27                                   | \$ 645,000                    | 29                                     | 89                                  | \$ 145,000   | \$ 457,000  |
| Per cent.....                        | 3.3                                  | 2.5                           | 3.3                                    | 1.5                                 | 1.9          | 4.1   |
| General contractors:                 |                                      |                               |  |                                     |              |   |
| Building .....                       | 117                                  | 7,402,000                     | 121                                    | 1,939                               | 2,556,000    | 3,798,000   |
| Per cent.....                        | 14.2                                 | 28.9                          | 13.7                                   | 32.4                                | 34.4         | 33.9  |
| Highway contractors...               | 21                                   | 5,871,000                     | 21                                     | 1,313                               | 1,642,000    | 1,662,000   |
| Per cent.....                        | 2.5                                  | 22.9                          | 2.4                                    | 21.9                                | 22.0         | 14.9  |
| Heavy contractors.....               | 6                                    | 3,965,000                     | 3                                      | 725                                 | 771,000      | 1,745,000   |
| Per cent.....                        | .7                                   | 15.5                          | .3                                     | 12.1                                | 10.3         | 15.6  |
| Total general con-<br>tractors ..... | 144                                  | \$17,238,000                  | 145                                    | 3,977                               | \$ 4,969,000 | \$ 7,205,000  |
| Per cent.....                        | 17.4                                 | 67.3                          | 16.4                                   | 66.4                                | 66.7         | 64.4  |
| Special trade contractors            | 653                                  | \$ 7,723,000                  | 711                                    | 1,926                               | \$ 2,339,000 | \$ 3,529,000  |
| Per cent.....                        | 79.3                                 | 30.2                          | 80.3                                   | 32.1                                | 31.4         | 31.5  |
| Denver total.....                    | 824                                  | \$25,606,000                  | 885                                    | 5,992                               | \$ 7,453,000 | \$11,191,000  |
| Per cent.....                        | 100.0                                | 100.0                         | 100.0                                  | 100.0                               | 100.0        | 100.0   |

## BUILDING PERMITS

Nineteen cities and towns in Colorado issued permits for construction and repairs in 1941 amounting to \$19,244,854. This was the largest aggregate amount since 1929 and represented an increase of 9.6 per cent over 1940.

In a period covering 18 years the maximum was in 1924, when 20 cities reported permits amounting to \$33,157,975, and the minimum was in 1933, when the total dropped to \$2,782,412.

The following table gives the number of towns reporting and the value of permits, by calendar years.

| Year      | Number<br>Reporting | Value        |
|-----------|---------------------|--------------|
| 1924..... | 20                  | \$33,157,975 |
| 1925..... | 20                  | 32,618,354   |
| 1926..... | 17                  | 19,325,549   |
| 1927..... | 19                  | 20,624,702   |
| 1928..... | 19                  | 21,234,508   |
| 1929..... | 20                  | 21,575,638   |
| 1930..... | 20                  | 11,707,791   |
| 1931..... | 19                  | 9,127,502    |
| 1932..... | 20                  | 4,363,398    |
| 1933..... | 19                  | 2,782,412    |
| 1934..... | 18                  | 3,747,310    |
| 1935..... | 20                  | 7,176,981    |
| 1936..... | 20                  | 11,473,160   |
| 1937..... | 19                  | 12,395,231   |
| 1938..... | 20                  | 10,786,042   |
| 1939..... | 20                  | 15,987,668   |
| 1940..... | 20                  | 17,564,059   |
| 1941..... | 19                  | 19,244,854   |

An accompanying table shows the value of permits by cities and towns and by years.

VALUE OF BUILDING PERMITS IN PRINCIPAL CITIES AND TOWNS

|                    | 1941         | 1940         | 1939         | 1938         | 1937         | 1936         |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Boulder .....      | \$ 309,276   | \$ 306,236   | \$ 334,486   | \$ 234,898   | \$ 209,215   | \$ 216,510   |
| Colorado Springs.. | 795,117      | 902,745      | 1,146,386    | 507,027      | 626,856      | 1,030,026    |
| Denver .....       | 15,088,811   | 13,020,866   | 10,703,620   | 7,673,300    | 8,890,342    | 16,633,300   |
| Durango .....      | 95,656       | 107,347      | 240,516      | 363,271      | 117,126      | 162,352      |
| Eads .....         | 4,550        | 2,700        | 1,900        | 80,000       | 2,045        | 15,000       |
| Eaton .....        | 4,700        | 10,300       | 2,000        | 5,900        | 12,230       | 12,900       |
| Englewood .....    | 376,162      | 260,055      | 221,243      | 77,940       | 92,457       | 148,097      |
| Fort Collins.....  | 197,998      | 285,885      | 312,981      | 249,807      | 270,874      | 276,578      |
| Fort Morgan.....   | 65,246       | 52,555       | 126,716      | 77,600       | 109,201      | 199,965      |
| Grand Junction...  | 367,076      | 364,014      | 828,519      | 316,617      | 571,737      | 316,938      |
| Greeley .....      | 299,172      | 464,055      | 760,184      | 289,586      | 473,645      | 453,527      |
| Lafayette .....    | 2,529        | 15,000       | 6,375        | 10,315       | 5,728        | 1,500        |
| La Junta.....      | 105,452      | 216,531      | 89,995       | 23,663       | 25,575       | 1,040        |
| Littleton .....    | 70,605       | 24,800       | 16,250       | 24,655       | 16,910       | 30,000       |
| Longmont .....     | 62,343       | 158,842      | 203,082      | 92,921       | 140,820      | 127,515      |
| Manitou Springs..  | 20,332       | 49,182       | 27,131       | 23,520       | 47,815       | 25,295       |
| Platteville .....  | .....        | 2,400        | 5,835        | 43,500       | .....        | 23,869       |
| Pueblo .....       | 1,273,585    | 1,042,127    | 820,569      | 527,692      | 647,845      | 1,572,521    |
| Sterling .....     | 75,470       | 49,887       | 76,217       | 113,775      | 93,560       | 123,705      |
| Trinidad .....     | 30,774       | 228,532      | 63,663       | 50,055       | 41,250       | 205,000      |
| Total .....        | \$19,244,854 | \$17,564,059 | \$15,987,668 | \$10,786,042 | \$12,395,231 | \$21,575,638 |

COLD-STORAGE WAREHOUSE SPACE IN COLORADO AS OF JUNE 16, 1941, IN CUBIC FEET, TEMPERATURES AT WHICH SPACE IS HELD, CUBIC FEET OF SPACE OCCUPIED, AND PER CENT OF OCCUPIED SPACE TO NET PILING SPACE

(Source: Agricultural Marketing Service, U. S. Department of Agriculture)

Note—A cold-storage warehouse is designated as any place artificially cooled to a temperature of 45 degrees Fahrenheit or below in which food commodities are stored and held for 30 days or more. A meat-packing establishment is any place where meat carcasses are processed for preservation by freezing and whose finished products are distributed through wholesale marketing channels. "All others" included under total are private cold-storage warehouses.

| TEMPERATURES        | Public Warehouses |           | Meat-Packing |           | Total, Including All Others |           |
|---------------------|-------------------|-----------|--------------|-----------|-----------------------------|-----------|
|                     | Gross             | Net       | Gross        | Net       | Gross                       | Net       |
| Zero and below..... | 107,000           | 90,000    | 341,000      | 160,000   | 448,000                     | 250,000   |
| 1° to 10°.....      | 1,001,000         | 800,000   | 291,000      | 232,000   | 1,299,000                   | 1,038,000 |
| 11° to 24°.....     | 175,000           | 154,000   | 217,000      | 126,000   | 393,000                     | 280,000   |
| 30° to 44°.....     | 1,167,000         | 952,000   | 3,540,000    | 2,525,000 | 4,735,000                   | 3,498,000 |
| 45° and above.....  | 32,000            | 26,000    | 458,000      | 224,000   | 490,000                     | 250,000   |
| Total .....         | 2,482,000         | 2,022,000 | 4,847,000    | 3,267,000 | 7,365,000                   | 5,316,000 |

Total occupied space (freezers and coolers) on June 16, 1941, for establishments reporting occupied space, and per cent of net piling space is as follows: Public cold-storage warehouses, 1,631,000 cubic feet, 80.7 per cent; meat-packing establishments, 3,029,000 cubic feet, 92.7 per cent; all types, including private, 4,688,000, 88.2 per cent

## COMMUNITY ORGANIZATIONS

Active community organizations in all parts of the state are doing excellent work toward building up their respective communities and developing the rich resources of the entire state. Almost every county in the state now has one or more of these organizations which are prepared to furnish direct and detailed information concerning resources, opportunities and attractions in the communities which they serve.

The following list is supplied by the Denver Chamber of Commerce as of March 31, 1942. In addition to those organizations of a local nature, there are many luncheon clubs and similar groups which are doing splendid community and sectional work but which cannot be included in a condensed tabulation.

The organizations, by counties and cities and towns, are as follows:

**Adams County**

Aurora—Chamber of Commerce; Harold Herbert, president; John McMillan, secretary.

Brighton—Chamber of Commerce; J. C. Hunter, president; J. M. Sorenson, secretary.

**Alamosa County**

Alamosa—Chamber of Commerce; Thomas H. Rees, president; A. F. Bethman, secretary.

**Arapahoe County**

Byers—Commercial Association; H. H. Cramer, president; Walter L. Best, secretary.

Englewood—Chamber of Commerce; S. H. Lovelace, president; E. B. Cartwright, secretary.

Littleton—Civic & Commercial Association; Horatio S. Ramsey, Esq., secretary.

**Archuleta County**

Pagosa Springs—Chamber of Commerce; Laura C. Manson-White, secretary.

**Baca County**

Springfield—Chamber of Commerce; Ben Cox, secretary.

**Bent County**

Hasty—Commercial Club; C. F. Golde, president.

Las Animas—Chamber of Commerce; Frank E. Woods, president; A. M. Wimmell, secretary.

**Boulder County**

Boulder—Chamber of Commerce; Don McInnes, president; Francis W. Reich, secretary.

Longmont—Chamber of Commerce; V. E. Wilkstrand, president; T. G. Thompson, secretary.

Lyons—Commercial Club; Jas. Manning, president; F. A. Cumberland, secretary.

**Chaffee County**

Buena Vista—Chamber of Commerce; Fred Curtis, president; Mr. Gillette, secretary.

Salida—Chamber of Commerce; William Crylie, president; Wilbur B. Foshay, secretary.

**Cheyenne County**

Cheyenne Wells—Chamber of Commerce; M. C. Korrell, president; Ray C. Peterson, secretary.

Kit Carson—Chamber of Commerce.

**Clear Creek County**

Idaho Springs—Chamber of Commerce; George F. Yeager, president; Homer U. Willis, secretary.

**Conejos County**

Antonito—Chamber of Commerce; W. R. Phillips, president; F. A. McCunniff, secretary.

Sanford—Boosters Club; P. B. Mortenson, president; Kenneth Faucett, secretary.

**Costilla County**

San Luis—Chamber of Commerce; Ed. L. Stoller, secretary.

**Crowley County**

Olney Springs—Farmers' Ed. & Co-op Union; H. H. Evans, president; Mrs. R. L. Noble, secretary.

Ordway—Crowley County Taxpayers & Development League; A. M. Ward, secretary.

Ordway—Lions Club; John A. Willburn, president; Rev. E. B. Clark, secretary.

Sugar City—Service Club; Emmons Ringle, president; James K. Knight, secretary.

**Custer County**

Westcliffe—Custer County Chamber of Commerce; Clair O. Roberts, president; R. H. DeWall, secretary.

**Delta County**

Cedaredge—Chamber of Commerce; C. W. Brewer, secretary.

Delta—Chamber of Commerce; Dr. L. L. Hick, president; Don F. Whiteside, secretary.

Paonia—North Fork Valley Chamber of Commerce; H. M. Templin, president; James J. Addams, secretary.

**Denver County**

Denver—Chamber of Commerce; A. J. Bromfield, president; G. E. Collisson, secretary.

**Eagle County**

Eagle—Chamber of Commerce; Harold Koonce, president; W. T. Coe, secretary.

**El Paso County**

Colorado Springs—Chamber of Commerce; Russell D. Law, president; H. Chase Stone, secretary.

**Fremont County**

Canon City—Chamber of Commerce; John Skoglund, president; Miles Reynolds, secretary.

Florence—Chamber of Commerce; Gus Vendetti, president; Clyde H. Smith, secretary.

**Garfield County**

Carbondale—Chamber of Commerce; Caesar A. Vallet, president; C. E. Woods, secretary.

Glenwood Springs—Chamber of Commerce; C. B. Rader, president; Dr. C. W. McFadden, secretary.

Rifle—Chamber of Commerce; Quince Hutton, president; Dr. E. W. R. Morelock, secretary.

**Grand County**

Granby—Chamber of Commerce; Morris Long, president; Albert P. Kadlec, secretary.

Hot Sulphur Springs—Grand County Commercial Club; H. O. Gray, president; N. O. Huffaker, secretary.

Kremmling—Chamber of Commerce; C. J. Lomax, president; F. E. Nicholls, secretary.

**Gunnison County**

Crested Butte—Lions Club; Geo. Spehar, president; Geo. Burnett, secretary.

Gunnison—Chamber of Commerce; Dr. K. F. Grove, president; Sam C. Hartman, secretary.

**Huerfano County**

La Veta—Chamber of Commerce; H. A. Howard, president; Edw. E. Engberg, secretary.

Walsenburg—Huerfano County Chamber of Commerce; Philip B. Miles, president; James E. Tressler, secretary.

**Jefferson County**

Arvada—Chamber of Commerce; Leonard Fisher, president; Ernest G. Shepard, secretary.

Evergreen—Chamber of Commerce; Herman Olde, secretary.

Golden—Chamber of Commerce; O. A. Saunders, president; Orville L. Dennis, secretary.

Lakewood—Civic Association; Irving Mulholm, president; Ralph Jordan, secretary.

**Kiowa County**

Eads—Lions Club; J. C. LaVelle, president; C. A. Petrie, secretary.

**Kit Carson County**

Burlington—Chamber of Commerce; Wm. H. Jacobs, president; J. C. Coleman, secretary.

Flagler—Lions Club; T. Guard, secretary.

**Lake County**

Leadville—Chamber of Commerce; L. W. Thomson, president; H. D. Leonard, secretary.

**La Plata County**

Bayfield—Chamber of Commerce; Mrs. Emma Jenkins, secretary.

Durango—Chamber of Commerce; Harvey R. Jones, president; LaVerne H. McKelvey, secretary.

Ignacio—Commercial Club; H. C. Biggs, president; Ira E. Bell, secretary.

**Larimer County**

Berthoud—Jr. Chamber of Commerce; Neason Gilman, president; Herman Smith, treasurer.

Estes Park—Chamber of Commerce; C. A. Graves, president; L. H. Kittel, secretary.

Fort Collins—Chamber of Commerce; Floyd Vanderwark, president; Floyd R. Brown, secretary.

Loveland—Chamber of Commerce; H. H. Markley, president; A. H. Sampson, secretary.

Wellington—Commercial Club; E. T. Puleston, president; Leonard Carlson, secretary.

**Las Animas County**

Aguilar—Chamber of Commerce; W. L. McCollough, president; Joseph F. Gioga, secretary.

Trinidad—Trinidad-Las Animas County Chamber of Commerce; Thomas Hill, president; Wm. E. Inglis, secretary.

**Lincoln County**

Hugo—Lions Club; J. E. Sterling, president; J. N. Quinn, secretary.

**Logan County**

Fleming—Community Club; John W. Edgar, president; Hugh Boyd, secretary. Sterling—Chamber of Commerce; Dwight Peterson, president; T. R. Edington, secretary.

**Mesa County**

Collbran—Plateau Valley Lions Club; J. D. Leach, secretary.

De Beque—Chamber of Commerce; F. H. Lischke, secretary.

Fruita—Chamber of Commerce; Clyde Scoles, president; Glen Osborn, secretary.

Grand Junction—Chamber of Commerce; James K. Groves, president; W. M. Wood, secretary.

**Mineral County**

Creede—Chamber of Commerce; J. Elmo Tucker, president; Stanley Parker, secretary.

**Moffat County**

Craig—Lions Club; I. P. Beckett, president; M. C. Morris, secretary.

**Montezuma County**

Dolores—Chamber of Commerce; B. C. Benham, president; Harry Pyle, secretary.

Mancos—Chamber of Commerce; H. B. Gallagher, president; J. P. Piccone, Jr., secretary.

**Montrose County**

Montrose—Chamber of Commerce; Lloyd N. Case, president; Mrs. Edna Rawson, secretary.

Nucla—Chamber of Commerce; Henry Harrold, president; George Wilson, secretary.

**Morgan County**

Brush—Civic Club; F. E. Luethi, president; T. E. Robertson, secretary.

Fort Morgan—Chamber of Commerce; H. B. Bloedorn, president; D. C. Hunter, secretary.

**Otero County**

La Junta—Chamber of Commerce; Lloyd C. Larsen, president; Jack Lacy, secretary.

Manzanola—Commerce Club; James A. Jones, president; A. W. Warner, secretary.

Manzanola—Farmers' Union No. 14; R. H. Mueller, president; Sallie Williams, secretary.

Rocky Ford—Jr. Chamber of Commerce; L. H. Kerns, president; O. K. Johnston, secretary.

Swink—Chamber of Commerce; G. E. Kimble, secretary.

**Ouray County**

Ouray—Chamber of Commerce; C. R. Spencer, president; Mrs. Wm. McCullough, secretary.

Ridgway—Commercial Association; G. C. Huffnagle, secretary.

**Park County**

Fairplay—Chamber of Commerce; Dr. A. A. Oliver, president; Dennis E. Stump, Jr., secretary.

**Phillips County**

Haxtun—Commercial Club; O. K. Clark, president; E. G. Anderson, secretary.

Holyoke—Commercial Club; Otto Bretthouwer, president; R. C. Ozman, secretary.

**Pitkin County**

Aspen—Chamber of Commerce; F. D. Willoughby, secretary.

**Prowers County**

Granada—Promotion Club; O. D. Baldwin, president; A. L. McDonald, secretary.

Holly—Commercial Club; K. G. Braley, president; Russel Morich, secretary.

Lamar—Chamber of Commerce; H. R. Husted, president; C. M. Penley, secretary.

Wiley—Wiley Community Commercial Club; Raymond E. Colvin, secretary.

**Pueblo County**

Beulah—Chamber of Commerce; W. K. Hurd, president.

Pueblo—Chamber of Commerce; Damian P. Ducy, president; P. A. Gray, secretary.

Rye—Chamber of Commerce; W. I. Roley, president; C. W. Miller, secretary.

**Rio Blanco County**

Meeker—Rio Blanco Commercial Club; Ellis Wilson, president; J. E. Sexon, secretary.

**Rio Grande County**

Del Norte—Chamber of Commerce. Roy Wells, president; Ernest Moeller, secretary.

Monte Vista—Commercial Club; Chas. R. Corlett, president; J. H. Beatty, secretary.

**Routt County**

Hayden—Lions Club; E. A. Erwin, president; A. R. Haller, secretary.

Oak Creek—Chamber of Commerce; R. L. Gwillim, president; Bernard Burroughs, secretary.

Steamboat Springs—Commercial Club; H. A. Luekens, president; L. L. Brown, secretary.

**San Miguel County**

Egnar—Chamber of Commerce; John Frazier, president; Clara Kralalee, secretary.

Norwood—Chamber of Commerce; Marion Conn, president; Fred Brosh, secretary.

**Sedgwick County**

Julesburg—Chamber of Commerce; Don Smith, president; C. R. Billington, secretary.

Ovid—Chamber of Commerce; Dwight Sullivan, president; I. E. Blevins, secretary.

Sedgwick—Community Builders; Jas. Jankovsky, president; Wm. Daniels, secretary.

**Summit County**

Dillon—Chamber of Commerce; E. C. Peabody, president; I. W. Blundell, secretary.

**Washington County**

Akron—Civic Club; S. M. Porter, president; C. L. Gumeson, secretary.

Otis—Commercial Club; H. F. Rask, secretary.

**Weld County**

Ault—Lions Club; C. D. Fullmer, president; Robert McKenzie, secretary.

Eaton—Chamber of Commerce; A. F. Maylott, president; Frank G. Reeman, Jr., secretary.

Fort Lupton—Jr. Chamber of Commerce; W. W. Aichelman, president; Ralph Vincent, secretary.

Greeley—Chamber of Commerce; Harry B. Jacobson, president; E. H. Folbrecht, secretary.

Johnstown—Chamber of Commerce; Dr. G. A. Jones, president; C. M. Keller, secretary.

Milliken—Community Club; A. R. Rivens, president; O. L. Altwater, secretary.

Windsor—Community Club; Roland E. Palmquist, president; E. D. Nelson, secretary.

**Yuma County**

Wray—Commercial Club; David M. Grigsby, president; N. Dean Henry, secretary.

Yuma—Chamber of Commerce; J. H. Kitzmiller, president; Wm. P. Snedeker, secretary.

**TRADE ORGANIZATIONS**

The following is a list of active organizations belonging to the Colorado Trade Executives' Institute, as of April 22, 1942, with names of secretaries and addresses. The addresses are all in Denver except where otherwise specified:

American National Livestock Association—F. E. Mollin, 515 Cooper Bldg.

W. C. Bell Service, Inc.—H. S. Berge, Tramway Bldg.

Coal Dealers' Association—Harry Rubenstein, secretary, 214 First National Bank Bldg.

Coal Industry of Colorado, Inc.—Carl S. Milliken, treasurer, 305 Denver National Bank Bldg.

Colorado Association of Highway Contractors—Earle W. Devalon, managing director, 301 Flat Iron Bldg.

Colorado Dairy Products Association, Inc.—Oscar B. Seyster, executive secretary, Room 707, 810 14th Street Bldg.

Colorado Editorial Association—Edwin A. Bemis, Littleton, Colorado.

Colorado Education Association—W. B. Mooney, secretary, 1512 Stout Street.

Colorado Food Brokers Association—Horace Lee, secretary, Sugar Bldg.

Colorado Fuel and Iron Corporation—D. C. McGrew, secretary, Continental Oil Bldg.

Colorado Grain Dealers Association—W. G. Shedron, 713 Cooper Bldg.

Colorado Mining Association—Robert S. Palmer, secretary, 204 State Office Bldg.

Colorado Pharmacal Association—Chas. J. Clayton, secretary, 1042 East Colfax Avenue.

Colorado Petroleum Industries Commission—George Douglas, executive secretary, 310 Midland Savings Bldg.

Colorado Petroleum Marketers Association—Mace Warner, secretary, 324 C. A. Johnson Bldg., 519 17th Street.

Colorado Railway Association—R. I. McBride, 804 Security Bldg.

Colorado Retail Dry Goods Association—Cliff Snyder, secretary, 4535 East 18th Avenue.

Colorado State Chamber of Commerce—Donald D. Keim, Chamber of Commerce Bldg.

Colorado State Medical Association—Harvey T. Sethman, executive secretary, 537 Republic Bldg.

Colorado Stock Growers & Feeders Association—Dr. E. F. Davis, secretary, 1641 Stout Street.

Denver Automobile Dealers Association—Tom Braden, secretary, 16 W. 13th Avenue.

Denver Chamber of Commerce—G. E. Collisson, secretary, 1726 Champa Street.

Denver Convention & Tourist Bureau—C. N. Hockom, secretary-manager, C. A. Johnson Bldg., 519 17th Street.

Denver Master Plumbers Association—F. H. Hanlin, executive secretary, 305 Bank Block.

Denver Real Estate Exchange—Margaret Kay Stewart, executive secretary, 402 Chamber of Commerce Bldg.

Electrical League of Colorado—George E. Lewis, manager, 1027 Gas & Electric Bldg.

Employing Printers of Denver, Inc.—Frank S. Cronk, secretary, 525 Denham Bldg.

Foundrymen's Association—J. E. Higson, president, 1320 Wazee Street.

Great Western Sugar Company—C. W. Doherty, industrial manager, Sugar Bldg.

Leyden—Lignite Company; Harry Nash, 1100 14th Street.

Manufacturers Association of Colorado—Allan T. Flint, manager, 503 Denver National Bank Bldg.

Manufacturers Bureau of Denver—Chas. J. Hotchkiss, secretary, 1824 Arapahoe Street.

Motor Truck Carriers Association—E. Robert Baker, executive secretary, 519 Denham Bldg.

Mountain States Hardware & Implement Association—John T. Bartlett, secretary, 2005 Mapleton Avenue, Boulder, Colorado.

Mountain States Lumber Dealers Association—J. V. Smith, assistant secretary, 217 Colorado National Bank Bldg.

National Association Petroleum Retailers—Robert Thomas, vice-president, 315 Logan Street.

Northern Colorado Coal Producers Association—N. C. Brooks, secretary, Sugar Bldg.

Retail Credit Men's Association—Chas. Reed, manager, 310 Denver National Bank Bldg.

Retail Grocers & Meat Dealers Association—Harry Chrysler, secretary, 704 Interstate Trust Bldg.

Retail Merchants Bureau of Denver—George A. Flannigan, secretary, 1726 Champa Street.

Rocky Mountain Association of Credit Men—J. B. McKelvy, secretary and manager, 626-35 810 14th Street Bldg.

Rocky Mountain Bakers Association—J. Z. Ettenson, president, 753 Santa Fe Drive.

Rocky Mountain Motorists, Inc.—Clarence Werthan, 1509 Cheyenne Place.

South Denver Civic Association—Carl G. Hoffman, 104 Broadway.

State Commercial Organizations—Elmore Petersen, secretary, c/o State University, Boulder, Colorado.

United States Bureau of Foreign & Domestic Commerce—Mrs. Elizabeth Pettus, manager, 518 Custom House.

Vegetable Growers Association—Fred J. Green, secretary, 1545 Market Street.

Western Portland Cement Association—Wm. B. Cheek, district manager, Boston Bldg.

## Radio and Aviation

### Licensed Broadcasting Stations, Licensed Airplanes and Pilots, Authorized Air Routes, Civilian Pilot Training

**R**ADIO operations, a vital arm of the national war program, has been subjected to many changes since the entrance of this country into World War II, all of which affected the activities of the industry in Colorado. These changes, however, are more real than apparent as far as the public is concerned. The people as a whole come in contact with radio mostly through their receiving sets which make available to them the programs put upon the air by the broadcasting stations. Fifteen broadcasting stations operated in Colorado on March 29, 1941, under license from the Federal Communications commission. Their licenses were automatically extended for one to two years on October 11, 1941, and the list and frequencies of Colorado stations have since remained unchanged.

The country is divided into zones for allocating the use of wave lengths, and Colorado is in the fifth zone. All stations are under the supervision of the communications commission, and Denver is one of the centers from which its activities are directed. A regional office serving Colorado, Utah and Wyoming in charge of an inspector is located here and monitoring to see that radio transmissions obey the traffic rules is regularly conducted. There also is in the state at a location not made public a station of the national

defense operating section equipped with highly specialized direction finders, recorders, directive antenna arrays, frequency measuring equipment and associated apparatus for a continual and effective policing of all radio communications channels for the purpose of detecting and locating unauthorized stations operating in violation of laws, treaties or war-time regulations. Also there is operated mobile equipment which follows the same procedure and which is so finely adjusted that it can "fix" the exact location of a transmitter down to the room or most remote point from which it is operated.

Eight of the Colorado broadcasting stations are affiliated with network or chain systems which render a program service regional or national in scope through the buying and selling of time. Station KOA, in Denver, is one of the key stations of the National Broadcasting company (NBC) and operates on unlimited time as one of the 33 "clear" stations in the United States with no other station on the same frequency. Its plant has 50,000-watt capacity. It serves the "red" network in this territory. Stations KVID, Denver, and KGHF, Pueblo, are outlets for the "blue" network of NBC. Station KLZ, Denver, and KVOR, Colorado Springs, are affiliated with the Columbia Broadcasting system (CBS), and

KFEL, Denver, KFKA, Greeley, and KFXJ, Grand Junction, are affiliated with the Mutual Broadcasting system (MBS).

A table is published herewith giving a list of Colorado stations, their call signals, names of licensees, power, frequency and time allotment as of March 29, 1941.

Station KPOF, owned and operated by the Pillar of Fire society, is wholly non-commercial and is devoted to religious, educational and benevolent activities. It has been on the air since the spring of 1928. The transmitter is located on the campus of Belleview Junior college, four miles north of Denver. A modern 250-foot tower, illuminated with red lights and beacon, is part of its equipment.

There were approximately 400 amateur radio stations in Colorado under license from the federal communications commission prior to December 7, 1941. Following the Japanese attack on Pearl Harbor, communication by amateurs was suspended generally for the duration of the war. This ban applies to all amateurs except those who may be permitted by the commission to function in special national defense categories upon specific recommendation of the defense communications board. Follow-

ing checks on citizenship and other required qualifications, many of the state's amateur stations have become affiliated with the army amateur reserve system, the naval communications reserve and other organizations which handle communications through the medium of the international Morse code. Several amateur "listening" posts which tune in on enemy broadcasts are located in the state.

Twelve commercial broadcasting stations operating in Colorado during the calendar year of 1940 reported total broadcast revenues amounting to \$1,246,628 and broadcast expenses of \$1,115,064, leaving a total broadcast income of \$131,564. Seven of the stations with time sales of \$25,000 or more had broadcast revenues of \$1,183,652; broadcast expenses of \$1,050,437, and broadcast service income of \$133,215. The revenue of the seven stations from the sale of time amounted to \$1,222,388, from which were deducted commissions, payments for talent and other items before determining the net.

Denver is an important center from which is directed radio traffic control for airway routes in the west. Further information on that subject is given in the section on airways, aircraft and pilots, later in this chapter.

#### RADIO LICENSED BROADCASTING STATIONS IN COLORADO, MARCH 29, 1941

(Source: Federal Communications Commission)

Note—All licenses were renewed October 11, 1941, for one to two years, and no changes have taken place in the Colorado stations since March 29, 1941, the date of this list.

| Location               | Call Signal | Licensee                             | Power (Watts) | Frequency in Kilocycles | Time             |
|------------------------|-------------|--------------------------------------|---------------|-------------------------|------------------|
| Alamosa -----          | KGIW        | E. L. Allen -----                    | 100           | 1,450                   | Shares with KIDW |
| Colorado Springs-----  | KVOR        | Out West Broadcasting Co.---         | 1,000         | 1,300                   | Unlimited        |
| Denver (Edgewater)*--  | KFEL        | Eugene P. O'Fallon, Inc.---          | 1,000         | 920                     | Unlimited        |
| Denver -----           | KVOD        | Colorado Radio Corp.-----            | 1,000         | 630                     | Unlimited        |
| Denver (near Denver)*- | KLZ         | KLZ Broadcasting Co., Inc.---        | 5,000         | 560                     | Unlimited        |
| Denver -----           | KMYR†       | F. W. Meyer-----                     | 100           | 1,340                   | Unlimited        |
|                        |             |                                      | 250           |                         | Day Time         |
| Denver -----           | KOA         | National Broadcasting Co.---         | 50,000        | 850                     | Unlimited        |
| Denver (Westminster)*  | KPOF        | Pillar of Fire, Inc.-----            | 1,000         | 910                     | Shares with KFKA |
| Durango -----          | KIUP        | San Juan Broadcasting Co.---         | 250           | 1,400                   | Unlimited        |
| Grand Junction-----    | KFXJ        | Western Slope Broadcasting Co. ----- | 250           | 1,230                   | Unlimited        |
| Greeley -----          | KFKA        | Midwestern Radio Corp.---            | 1,000         | 910                     | Shares with KPOF |
| La Junta-----          | KOKO        | Southwest Broadcasting Co.---        | 100           | 1,400                   | Unlimited        |
| Lamar -----            | KIDW        | Lamar Broadcasting Co.---            | 100           | 1,450                   | Shares with KGIW |
| Pueblo -----           | KGHF        | Curtis P. Ritchie-----               | 500           | 1,350                   | Unlimited        |
| Sterling -----         | KGEK        | Elmer G. Beehler-----                | 100           | 1,230                   | Specified hours  |

\*Transmitter location in parenthesis.

†Construction permit authorized for 5,000 watts day-time.

**AIRWAYS, AIRCRAFT AND PILOTS**

The Civil Aeronautics Authority was created by an act of congress approved June 23, 1938, to promote development and safety and to provide for regulation of civil aeronautics. On June 30, 1940, it was placed under the department of commerce and civilian pilot training was transferred to the Administrator of Civil Aeronautics.

Colorado is in Region 5, comprising this state, Iowa, Kansas, Missouri, Nebraska, South Dakota and Wyoming, with regional headquarters at Kansas City, Missouri. Denver is one of its key administrative centers. The administration operates here an airways communications station which serves the general western territory. It is one of the two relay offices in a network of approximately 30,000 miles of telegraph wires connecting all of the major airports of the country.

Another major function of the administration is the Denver airway traffic control center, field office for the region, with some 1,800 miles of airway routes under its jurisdiction. Other agencies of the administration in Denver are an airport traffic control tower at the Denver municipal airport, an air carrier inspection service division which has for its territory Colorado, Wyoming and South Dakota, and headquarters for District 7, comprising Colorado and the western part of Kansas and the western part of Nebraska, of civilian pilot training activities.

Airway routes in Colorado, names of operators, and termini, as of June 30, 1941, are as follows:

Route 1—United Air Lines Transport Corporation: Denver, east through Omaha and Chicago to New York, and west through Salt Lake City to San Francisco.

Route 17—United Air Lines Transportation Corporation: Denver to Cheyenne.

Route 29—Continental Air Lines, Inc.: Denver through Albuquerque to El Paso.

Route 43—Continental Air Lines, Inc.: Pueblo, through Wichita, Kansas, to Tulsa.

The above routes connect at important air transportation centers with routes to almost all of the larger cities of the country and to areas outside the United States where travel has not been restricted by war activities.

Proposed routes, for which applications were pending before the administration on June 30, 1941, are as follows:

Ray Wilson, Inc.—A route from Denver, through Craig, Grand Junction, Durango, Alamosa, and Salida, back to Denver.

Braniff Airways, Inc.—Denver to Amarillo.

Chicago & Southern Air Lines, Inc.—Denver to Los Angeles.

Certificated aircraft in Colorado increased 51.7 per cent between June 30, 1940 and the same date in 1941. Certificated pilots increased 137.7 per cent in the same period. Certificated aircraft and pilots in the state on June 30 of specified years are as follows:

| Year      | Number   |        |
|-----------|----------|--------|
|           | Aircraft | Pilots |
| 1938..... | 83       | 179    |
| 1939..... | 106      | 290    |
| 1940..... | 145      | 530    |
| 1941..... | 220      | 1,260  |

There were 37 airports and landing fields in Colorado on June 30, 1941, as compared with 31 on January 1, 1940. A number of the more important airports have been enlarged and improved during the year on account of the war, some of which have been brought up to the highest standard for use in connection with civilian pilot training and as auxiliaries of the military air forces. The airports and landing fields as of June 30, 1941, distributed as to types, are as follows: Municipal, 25; commercial, 7; intermediate, 3; Army, 1; private, 1; total, 37.

**CIVILIAN PILOT TRAINING**

Congress enacted legislation on June 27, 1939, authorizing the creation of a civilian pilot training program in cooperation with colleges and universities throughout the country and later appropriated \$4,000,000 for that purpose. The primary purpose of the program was to promote and regulate the ownership and use of aircraft by the private individual, develop means by which such flying could be made safer, cheaper and more widespread and to assist in the training of civilian pilots. The program subsequently was expanded to create a reservoir of pilot material for the military air forces of the nation. Congress appropriated \$25,000,000 to finance the program in the fiscal year of 1942. The act is administered by the civil aeronautics administration. Eight Colorado institutions were selected for the experimental course during the school year of 1939-1940.

The CAA outlines both the ground and flight courses, requires a strict physical examination of students and conducts periodical inspections. Each institution selects its flight operator, who must qualify under the federal regulations. The flight operators are paid from government funds, and the government furnishes one airplane for the use of the students at each institution. The flight training takes place at the nearest flying field.

Six Colorado educational institutions qualified to participate in the 1942 program. These are Adams State Teachers, Alamosa; University of Colorado, Boulder; University of Denver, Denver; Mesa County Junior Col-

lege, Grand Junction; Pueblo Junior College, Pueblo; and Junior College of Northeastern Colorado, Sterling. The courses run for eight weeks and upon completion the students are enlisted in the army or navy reserve corps and transferred to training centers. The average enlistment in 1942 for each of the eight-week courses was 200.

Civilian pilot training in Colorado is under the supervision of a district flight supervisor who, with a staff of assistants, has headquarters at the Denver municipal airport. The district comprises all of Colorado, western Kansas and a part of Nebraska.

## Cost of Living

Average Cost of Food, Clothing, Rent, Fuel, House Furnishings and Miscellaneous Items Purchased by Wage Earners and Low-Salaried Workers in Colorado Cities, Index Changes, Electric Service and Natural Gas Costs, Typical Monthly Bills

**A**LL estimates of the cost of living are of necessity based upon average retail prices for food, clothing, rent, fuel and light, house furnishings and miscellaneous items which enter into the daily requirements of the average family or individual. It is apparent that variations in prices in different communities, in the size of families and living standards and all factors used in making estimates prevent the determination of any arbitrary figures. Certain standards have been set up, however, by the United States department of labor which furnish a base upon which estimates may be made with reasonable assurance that the figures indicate the trend and changes in the cost of living and the actual costs for designated types.

The department of labor compiles at regular intervals the average retail prices in 51 large cities and data on all items entering into the cost of living. The information thus obtained for key cities throughout the country furnishes the basis upon which estimates are compiled. Through the use of weighted averages and the establishment of index numbers there is obtained a reasonably accurate picture of actual trends. Denver is the key city for Colorado in the compilation of the data. The Denver figures thus obtained in turn form a base upon

which estimates for other cities and towns in the state may be made.

**New Indexes**—The bureau of labor statistics has found it desirable to revise its basic indexes from time to time in order to reflect changes in the habits of living of wage earners and low-salaried workers. In the summer of 1934 funds were made available to the bureau for initiating a new nation-wide study of the disbursements to ascertain changes in family expenditures and to provide the data required to effect a complete revision in the weights of the cost-of-living index. These studies showed that many more wage earners and lower-salaried workers were living in houses with electric current than had been the case at the end of the first world war. Many of them were buying automobiles and radios and some were purchasing electric refrigerators and other household utilities. Fashions in dress had changed and the substitution of a new type of garment for an equivalent of one previously worn did not adequately represent contemporary clothing purchases. Similar changes were found to have affected all other items to a more or less degree. The field survey was completed in 1936 and the new index was finished early in 1940. It is based on prices of 198 goods and services and the weighted average prices of these for

the period 1935-39 are designated as 100. The new indexes then were applied to all average costs back to 1913 for comparative purposes and now supersede those formerly used. All tables and figures used in this chapter are based on the new indexes.

**Cost Changes**—A table published herewith gives the new indexes for food, clothing, fuel, electricity and ice, house furnishings and miscellaneous items and for all items combined for Denver on specified dates from 1917 to June 2, 1942, inclusive, with comparative indexes for all items for 34 cities on the same dates. The indexes on the combined items show that from 1923 to 1936 the cost of living in Denver was lower than in the larger cities of the country. Beginning with the summer of 1936 there was a slight leveling off of Denver's favorable differential. From then until the close of 1939, with three exceptions, the Denver indexes were higher than for the larger cities combined. Beginning with 1940, the city's former position was resumed and has continued without interruption to the latest date for which information is available. Coincidental with this period of increased costs, the state assembly enacted two measures called the unfair practices act (approved May 6, 1937) and the fair trade act (approved June 4, 1937), one of which prohibited the sale of commodities for less than cost, including overhead, and the other authorizing the setting up of minimum prices for the resale of commodities. In November, 1940, the United States department of justice began an investigation of allegations that the state acts were being used for the fixing of prices contrary to the federal anti-trust laws, and indictments were returned against a number of wholesale and retail food distributors two months later. The period beginning shortly before the enactment of the state legislation and ending with the circulation of reports that the federal investigation was to be undertaken corresponds closely with that in which Denver indexes were higher than in the larger cities of the country.

The beginning of World War II on September 1, 1939, did not immediately result in any pronounced upward trend in living costs. The spread between minimum and maximum indexes for the large cities between September 15, 1939, and February 15, 1941, was only 2.2 points. For Denver, the spread in the same interval was 1.5 points. Beginning with March, 1941, indexes for the larger cities and

Denver began to climb upward and went from 101.2 on March 15, 1941, to 115.9 on June 2, 1942, for the 34 cities combined, and from 99.9 to 115.8 for Denver in the corresponding period. The spread between minimum and maximum for the combined cities in the last named period was 14.7 points and for Denver 15.9 points.

Another table presented herewith gives the indexes for the several items entering into the cost of goods purchased by wage earners and lower-salaried workers for Denver and 34 larger cities on June 15, or nearest date thereto, from 1935 to 1942, inclusive. It shows that the food index for Denver was higher than for the combined cities in 1936, 1937, 1939 and 1942, and lower for the other four years. Clothing was lower in Denver in six out of the eight years, being higher only in 1935 and 1936. Rents were consistently higher for Denver except in 1935 and 1936. House furnishings were higher for five years and lower for three. Miscellaneous items were lower in Denver for the period except in 1936 and 1937. All items showed Denver to be lower in 1935, 1940, 1941 and 1942, but higher in 1936, 1937, 1938 and 1939.

Through the bureau of labor statistics' indexes, weighted costs and percentage distributions it is possible to derive certain dollar values which indicate the disbursements of wage earners and lower-salaried workers, exclusive of insurance and savings. The indicated disbursements on June 15 or the nearest date thereto for all cost-of-living items for the larger cities combined and for Denver in the years named are as follows:

| Year      | Av. Combined Cities | Denver  |
|-----------|---------------------|---------|
| 1935..... | \$1,074             | \$1,065 |
| 1936..... | 1,094               | 1,096   |
| 1937..... | 1,131               | 1,139   |
| 1938..... | 1,110               | 1,112   |
| 1939..... | 1,085               | 1,092   |
| 1940..... | 1,106               | 1,097   |
| 1941..... | 1,151               | 1,132   |
| 1942..... | 1,275               | 1,274   |

The increase for Denver on June 2, 1942, as compared with 1941 was 12.5 per cent, and with 1940 was 16.1 per cent. The increase for 1942 compared with 1935 was 19.6 per cent.

The distribution of disbursements among the several items entering into the cost of living in Denver in 1942, compared with 1935, is as follows:

| Item              | Per Cent Weight | June 2, 1942 | July 15, 1935 | Item                 | Amount   |
|-------------------|-----------------|--------------|---------------|----------------------|----------|
| Food              | 33.9            | \$ 431.88    | \$ 361.02     | Clothing             | \$177.57 |
| Clothing          | 10.5            | 133.77       | 111.83        | Food                 | 148.72   |
| Rent              | 18.1            | 230.59       | 192.77        | Shelter              | 294.84   |
| Fuel, etc.        | 6.4             | 81.54        | 68.16         | Transportation       | 61.00    |
| House furnishings | 4.2             | 53.51        | 44.73         | Personal service     | 35.00    |
| Miscellaneous     | 26.9            | 342.71       | 286.49        | Medical and dental   | 38.00    |
|                   |                 |              |               | Insurance            | 30.00    |
|                   |                 |              |               | Personal advancement | 115.00   |
| Total             | 100.0           | \$1,274.00   | \$1,065.00    | Total                | \$900.13 |

**Living Costs Outside Denver**—Denver being the key city for Colorado in which the department of labor makes intensive studies of the cost of living, the statistics for this city form the base upon which costs in other cities of the state may be estimated. An independent agency made a detailed canvass of seven Colorado cities in January, 1938, to determine the relative cost of living in those cities as compared to Denver. The canvass covered the cost in each city of the items used in the department of labor estimates for Denver as of December 15, 1937. The averages were then weighted to obtain their relative costs. Denver was given the index number of 100 for all items.

A table is published herewith giving the estimated cost of living in the seven Colorado cities on specified dates. The Denver figures are based on the new index numbers of the department of labor converted to dollar values. The figures for the other cities are then computed on the basis of their relationship to Denver costs. The method of making the computation is explained in a note accompanying the table.

**Cost for Single Women**—A cost-of-living study to determine a fair and reasonable wage in Colorado for women under the state's minimum wage law was made in the fall of 1937 by the minimum wage division of the state industrial commission. The investigation, which was made with the co-operation of the women's bureau of the United States department of labor, covered 13 cities, including Denver, to ascertain the cost of living for a single, self-supporting woman in Colorado.

While the survey showed some variations in the costs in and out of Denver, it concluded with a total estimate of \$900.13 per annum, or \$17.31 per week, average for the state as a whole. These costs are distributed as follows:

No survey of a similar nature has since been made, but comparative estimates may be derived from the application of percentage increases as shown by the department of labor's new indexes to the above general figures.

**Coal**—The average retail price of coal per ton shows a wider variation in typical cities than most of the items entering into the cost of living. This is probably due in a large measure to differences in transportation distances from mines to consumers and costs resulting therefrom. For example, the retail price of a ton of lump coal under the western classification ranged on December 15, 1939, from \$6.07 in Kansas City to \$17.51 in San Francisco. The Denver price on the same date was \$7.66.

**Natural Gas**—The bureau of labor statistics adopted a new method for reporting the price of natural gas in October, 1935. Prior to this change the department computed the net price per 1,000 cubic feet on the basis of a family consumption of 5,000 cubic feet per month. The new method reports the prices based on a definite number of heat units instead of the specified number of cubic feet. This is done to make possible a more dependable basis for comparisons. Natural gas is used extensively for household purposes in a number of cities and towns in the state. The rates mostly are based on sliding scales and prices depend upon the quantity used. There is a wide variation in the number of heat units in a specified quantity of gas and the department of labor adopted the new method on the theory that the cost in heat units rather than in cubic feet is a more reliable yardstick. Most of the larger cities and towns in the state using natural gas have rates which differ but slightly from the Denver scale and these are based on consumption as measured in cubic feet.

Denver's net monthly bills on natural gas for specified uses as reported by the bureau of labor statistics as of December 15, 1941, are shown in an

accompanying table which gives prices for both measured quantities and quantities in heat units, with comparisons with 13 other typical cities using natural gas.

**Electric Service** — The department of labor publishes statistics on the cost of electric service in the key

cities upon which cost of living figures are based, including Denver. The federal power commission makes an annual state-wide survey of the costs of electric energy in Colorado and because of its more comprehensive figures, its data is given later in this chapter under "Electric Service."

**COST OF LIVING: INDEXES OF THE COST OF GOODS PURCHASED BY WAGE EARNERS AND LOWER-SALARIED WORKERS FOR DENVER AND 34 LARGER CITIES ON COMPARATIVE DATES**

(Source: U. S. Department of Labor)  
(1935-1939=100)

|                                   | June<br>2,<br>1942 | June<br>15,<br>1941 | June<br>15,<br>1940 | June<br>15,<br>1939 | June<br>15,<br>1938 | June<br>15,<br>1937 | July<br>15,<br>1936 | July<br>15,<br>1935 |
|-----------------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>Food:</b>                      |                    |                     |                     |                     |                     |                     |                     |                     |
| Denver                            | 123.4              | 103.0               | 96.2                | 94.5                | 98.0                | 106.7               | 103.2               | 98.8                |
| 34 cities                         | 122.0              | 105.9               | 98.3                | 93.6                | 98.2                | 106.0               | 102.6               | 99.4                |
| <b>Clothing:</b>                  |                    |                     |                     |                     |                     |                     |                     |                     |
| Denver                            | 124.2              | 100.6               | 99.9                | 98.7                | 101.8               | 102.3               | 97.7                | 99.1                |
| 34 cities                         | 125.9              | 103.3               | 101.7               | 100.3               | 102.2               | 102.5               | 97.2                | 96.7                |
| <b>Rent:</b>                      |                    |                     |                     |                     |                     |                     |                     |                     |
| Denver                            | 109.0              | 106.6               | 106.7               | 106.4               | 105.7               | 102.6               | 94.8                | 90.4                |
| 34 cities                         | 108.4              | 105.8               | 104.6               | 104.3               | 104.2               | 101.0               | 96.5                | 94.1                |
| <b>Fuel, electricity and ice:</b> |                    |                     |                     |                     |                     |                     |                     |                     |
| Denver                            | 99.5               | 97.4                | 97.9                | 97.7                | 101.9               | 101.6               | 99.2                | 99.3                |
| 34 cities                         | 104.8              | 101.4               | 98.6                | 97.5                | 98.6                | 99.2                | 99.1                | 99.0                |
| <b>House furnishings:</b>         |                    |                     |                     |                     |                     |                     |                     |                     |
| Denver                            | 122.0              | 106.0               | 102.2               | 101.5               | 102.8               | 103.1               | 96.5                | 94.1                |
| 34 cities                         | 121.1              | 105.3               | 100.1               | 100.6               | 103.1               | 104.3               | 95.9                | 94.5                |
| <b>Miscellaneous:</b>             |                    |                     |                     |                     |                     |                     |                     |                     |
| Denver                            | 110.8              | 102.4               | 99.8                | 100.6               | 100.9               | 101.5               | 99.2                | 97.1                |
| 34 cities                         | 111.0              | 103.3               | 106.6               | 104.4               | 101.8               | 100.9               | 98.7                | 98.2                |
| <b>All items:</b>                 |                    |                     |                     |                     |                     |                     |                     |                     |
| Denver                            | 115.8              | 102.9               | 99.7                | 99.2                | 101.0               | 103.5               | 99.6                | 96.8                |
| 34 cities                         | 115.9              | 104.6               | 100.5               | 98.6                | 100.9               | 102.8               | 99.4                | 97.6                |

**RENT-COST INDEX**

The Department of Labor new index figures upon which it computes changes in the cost of living (1935-39 average equals 100) shows that 49.2 per cent of rented dwellings in Denver, the key city for Colorado, averaged rentals amounting to \$20 to \$29.99 per month for white families. The distribution in percentages for Denver is as follows:

|                 | Per Cent |
|-----------------|----------|
| Under \$15      | 7.5      |
| \$15 to \$19.99 | 14.7     |
| \$20 to \$29.99 | 49.2     |
| \$30 to \$39.99 | 24.7     |
| \$40 to \$49.99 | 3.9      |

Total ..... 100.0

Within the \$20 to \$29.99 class there

are eight out of 34 large cities which have a larger per cent than Denver. These, with per cent, are as follows: Portland, Maine, 57.9; Buffalo, 51.8; Scranton, 50.2; Cleveland, 50.5; Kansas City, 50.2; St. Louis, 49.7; Baltimore, 53.9; Los Angeles, 52.2.

Denver, with a percentage of 7.5 per cent for dwellings renting to white families for less than \$15, compares with others in that classification as follows: Manchester, 19.7; Cincinnati, 14.3; Indianapolis, 18.0; Kansas City, 11.1; St. Louis, 10.0; Jacksonville, 21.1; Savannah, 28.4; Memphis, 17.7; Mobile, 30.3; New Orleans, 20.4; Portland, Ore., 15.3.

**COST OF LIVING: INDEXES OF COST OF GOODS PURCHASED BY WAGE EARNERS AND LOW SALARIED WORKERS IN DENVER, 1917 TO 1941, INCLUSIVE, WITH COMPARATIVE INDEX NUMBER FOR ALL ITEMS IN 34 LARGE CITIES COMBINED**

(Source: U. S. Department of Labor)

Note—Weighted averages 1935-39 equal 100. (See text for explanation new indexes.)

| DATE          | All Items<br>34<br>Cities | Denver    |       |               |       |  |                           |                    |
|---------------|---------------------------|-----------|-------|---------------|-------|--|---------------------------|--------------------|
|               |                           | All Items | Food  | Cloth-<br>ing | Rent  | Fuel,<br>Elec-<br>tricity,<br>and<br>ice | House<br>Furnish-<br>ings | Miscel-<br>laneous |
| 1917—Dec.     | 97.8                      | 97.6      | 118.1 | 112.1         | 87.9  | 98.2                                     | 90.8                      | 73.5               |
| 1918—Dec.     | 118.0                     | 117.4     | 141.7 | 157.0         | 99.2  | 106.2                                    | 111.3                     | 84.4               |
| 1919—June     | 121.0                     | 123.2     | 146.9 | 171.7         | 107.1 | 106.5                                    | 119.2                     | 86.5               |
| Dec.          | 135.3                     | 136.8     | 157.2 | 204.1         | 117.4 | 117.5                                    | 132.8                     | 97.2               |
| 1920—June     | 149.4                     | 151.9     | 185.9 | 220.6         | 133.5 | 120.1                                    | 145.4                     | 99.5               |
| Dec.          | 138.3                     | 138.0     | 136.9 | 199.8         | 149.3 | 144.5                                    | 144.2                     | 102.0              |
| 1921—May      | 126.6                     | 128.2     | 116.3 | 172.5         | 155.5 | 135.1                                    | 129.3                     | 104.9              |
| Dec.          | 123.6                     | 124.9     | 117.4 | 143.1         | 160.5 | 137.2                                    | 116.1                     | 105.1              |
| 1922—June     | 119.5                     | 121.1     | 116.5 | 129.2         | 162.4 | 130.5                                    | 109.3                     | 101.5              |
| Dec.          | 120.4                     | 120.6     | 112.0 | 130.7         | 164.3 | 138.2                                    | 110.0                     | 101.1              |
| 1923—June     | 121.6                     | 121.5     | 117.0 | 131.0         | 163.0 | 128.1                                    | 114.5                     | 100.7              |
| Dec.          | 123.5                     | 122.3     | 116.3 | 132.1         | 166.1 | 134.8                                    | 115.3                     | 100.5              |
| 1924—June     | 121.8                     | 119.2     | 114.3 | 130.1         | 162.1 | 117.6                                    | 112.4                     | 99.3               |
| Dec.          | 123.2                     | 120.8     | 118.3 | 129.0         | 161.7 | 123.2                                    | 112.7                     | 99.6               |
| 1925—June     | 124.9                     | 123.8     | 128.3 | 128.3         | 160.4 | 124.8                                    | 113.3                     | 99.6               |
| Dec.          | 128.2                     | 124.0     | 129.1 | 126.8         | 156.9 | 135.0                                    | 113.6                     | 99.6               |
| 1926—June     | 126.4                     | 122.7     | 130.7 | 126.0         | 151.1 | 123.1                                    | 112.7                     | 99.3               |
| Dec.          | 126.1                     | 121.3     | 126.0 | 125.3         | 145.5 | 135.7                                    | 112.1                     | 100.4              |
| 1927—June     | 125.7                     | 122.0     | 134.1 | 123.4         | 141.7 | 118.7                                    | 111.6                     | 100.0              |
| Dec.          | 123.8                     | 116.6     | 118.6 | 122.1         | 139.2 | 130.6                                    | 110.0                     | 98.6               |
| 1928—June     | 122.1                     | 116.1     | 119.9 | 121.5         | 137.0 | 124.7                                    | 109.4                     | 98.0               |
| Dec.          | 122.4                     | 116.5     | 119.6 | 121.3         | 135.5 | 136.8                                    | 108.7                     | 98.3               |
| 1929—June     | 122.1                     | 116.8     | 122.0 | 121.0         | 133.9 | 116.9                                    | 106.6                     | 102.0              |
| Dec.          | 122.8                     | 117.0     | 121.3 | 120.9         | 132.8 | 126.9                                    | 105.3                     | 101.9              |
| 1930—June     | 120.3                     | 115.6     | 119.8 | 119.9         | 131.3 | 120.4                                    | 104.6                     | 101.4              |
| Dec.          | 115.3                     | 110.1     | 104.2 | 118.2         | 129.9 | 125.2                                    | 102.0                     | 101.1              |
| 1931—June     | 108.2                     | 104.4     | 94.6  | 114.7         | 125.8 | 106.0                                    | 98.1                      | 100.6              |
| Dec.          | 104.2                     | 100.3     | 89.0  | 104.8         | 120.5 | 105.2                                    | 90.6                      | 100.3              |
| 1932—June     | 97.4                      | 94.7      | 81.5  | 94.9          | 112.7 | 99.4                                     | 82.5                      | 99.8               |
| Dec.          | 93.5                      | 91.3      | 78.5  | 90.0          | 105.9 | 93.5                                     | 81.1                      | 98.6               |
| 1933—June     | 90.8                      | 89.9      | 80.1  | 89.8          | 97.8  | 95.1                                     | 80.9                      | 96.4               |
| Dec.          | 93.9                      | 91.5      | 82.7  | 96.4          | 92.9  | 103.1                                    | 89.5                      | 96.4               |
| 1934—June     | 95.3                      | 93.5      | 89.0  | 97.7          | 90.6  | 103.1                                    | 91.0                      | 96.9               |
| Nov. 15       | 96.2                      | 94.9      | 93.4  | 98.1          | 90.4  | 100.9                                    | 92.0                      | 96.9               |
| 1935—March 15 | 97.8                      | 97.2      | 99.6  | 99.2          | 89.8  | 99.4                                     | 93.6                      | 97.7               |
| July 15       | 97.6                      | 96.8      | 98.8  | 99.1          | 90.4  | 99.3                                     | 94.1                      | 97.1               |
| Oct. 15       | 98.0                      | 97.2      | 99.6  | 98.3          | 91.5  | 98.5                                     | 95.2                      | 97.3               |
| 1936—Jan. 15  | 98.8                      | 97.9      | 100.3 | 98.8          | 92.3  | 99.0                                     | 96.1                      | 98.1               |
| April 15      | 97.8                      | 97.1      | 98.0  | 98.4          | 92.9  | 100.0                                    | 97.2                      | 97.5               |
| July 15       | 99.4                      | 99.6      | 103.2 | 97.7          | 94.8  | 99.2                                     | 96.5                      | 99.2               |
| Sept. 15      | 100.4                     | 100.5     | 104.5 | 98.3          | 96.6  | 99.6                                     | 96.9                      | 99.5               |
| Dec. 15       | 99.8                      | 99.9      | 102.4 | 98.7          | 98.2  | 100.1                                    | 97.3                      | 99.0               |
| 1937—March 15 | 101.8                     | 102.8     | 107.6 | 100.5         | 99.6  | 100.6                                    | 100.8                     | 100.8              |
| June 15       | 102.8                     | 103.5     | 106.7 | 102.3         | 102.6 | 101.6                                    | 103.1                     | 101.5              |
| Sept. 15      | 104.3                     | 105.1     | 107.2 | 105.3         | 104.1 | 101.8                                    | 106.0                     | 103.9              |
| Dec. 15       | 103.0                     | 103.3     | 102.6 | 104.5         | 105.5 | 101.9                                    | 106.4                     | 102.4              |
| 1938—March 15 | 100.9                     | 101.0     | 97.6  | 102.8         | 105.7 | 102.2                                    | 105.2                     | 100.9              |
| June 15       | 100.9                     | 101.0     | 98.0  | 101.8         | 105.7 | 101.9                                    | 102.8                     | 100.9              |
| Sept. 15      | 100.7                     | 100.2     | 95.5  | 100.0         | 106.0 | 101.6                                    | 102.7                     | 101.6              |
| Dec. 15       | 100.2                     | 99.9      | 95.9  | 98.7          | 106.0 | 101.6                                    | 101.9                     | 100.9              |
| 1939—March 15 | 99.1                      | 99.2      | 94.1  | 98.7          | 106.1 | 99.8                                     | 101.5                     | 101.2              |
| June 15       | 98.6                      | 99.2      | 94.5  | 98.7          | 106.4 | 97.7                                     | 101.5                     | 100.6              |
| Sept. 15      | 100.6                     | 99.7      | 95.7  | 98.8          | 106.6 | 97.6                                     | 102.2                     | 100.9              |
| Dec. 15       | 99.6                      | 99.7      | 95.0  | 99.6          | 106.8 | 97.8                                     | 103.7                     | 100.8              |
| 1940—March 15 | 99.8                      | 98.7      | 93.9  | 100.0         | 106.7 | 97.8                                     | 101.5                     | 98.9               |
| June 15       | 100.5                     | 99.7      | 96.2  | 99.9          | 106.7 | 97.9                                     | 102.2                     | 99.8               |
| Sept. 15      | 100.4                     | 98.9      | 92.9  | 100.0         | 106.7 | 98.1                                     | 102.1                     | 100.4              |
| Oct. 15       | 100.2                     | 99.1      | 93.2  | 100.1         | 106.4 | 98.5                                     | 101.7                     | 101.1              |
| Nov. 15       | 100.1                     | 99.0      | 92.9  | 100.1         | 106.4 | 98.4                                     | 101.8                     | 101.1              |
| Dec. 15       | 100.7                     | 100.2     | 95.9  | 100.0         | 106.9 | 98.4                                     | 102.1                     | 101.6              |
| 1941—Jan. 15  | 100.8                     | 99.8      | 94.8  | 99.3          | 106.7 | 98.4                                     | 101.3                     | 101.6              |
| Feb. 15       | 100.8                     | 99.5      | 94.4  | 99.3          | 106.8 | 97.4                                     | 102.0                     | 101.3              |
| March 15      | 101.2                     | 99.9      | 95.1  | 100.1         | 106.7 | 97.4                                     | 103.2                     | 101.4              |
| April 15      | 102.2                     | 101.1     | 98.6  | 100.1         | 106.7 | 97.4                                     | 103.9                     | 101.5              |
| May 15        | 102.9                     | 101.6     | 99.5  | 100.3         | 106.7 | 97.4                                     | 104.6                     | 101.9              |
| June 15       | 104.6                     | 102.9     | 103.0 | 100.6         | 106.6 | 97.4                                     | 106.0                     | 102.4              |
| July 15       | 105.3                     | 103.9     | 104.2 | 101.7         | 106.7 | 97.4                                     | 107.9                     | 103.5              |
| Aug. 15       | 106.2                     | 104.9     | 106.0 | 104.4         | 106.9 | 97.4                                     | 108.8                     | 103.9              |
| Sept. 15      | 108.1                     | 106.0     | 107.3 | 108.1         | 107.1 | 97.4                                     | 109.9                     | 104.5              |
| Oct. 15       | 109.3                     | 108.3     | 109.9 | 110.9         | 108.5 | 98.2                                     | 113.4                     | 107.0              |
| Nov. 15       | 110.2                     | 109.7     | 113.2 | 111.9         | 108.4 | 98.2                                     | 115.2                     | 107.4              |
| Dec. 15       | 110.5                     | 109.4     | 111.9 | 112.9         | 108.4 | 98.2                                     | 115.9                     | 107.5              |
| 1942—Jan. 15  | 112.0                     | 111.3     | 116.4 | 114.3         | 108.4 | 98.2                                     | 117.5                     | 108.1              |
| Feb. 15       | 112.9                     | 111.8     | 115.8 | 116.6         | 108.4 | 99.3                                     | 118.6                     | 109.2              |
| March 15      | 114.3                     | 113.1     | 117.7 | 120.8         | 108.9 | 99.3                                     | 121.3                     | 109.7              |
| April 15      | 115.1                     | 114.7     | 120.2 | 125.8         | 109.0 | 99.3                                     | 122.7                     | 110.2              |
| May 15        | 116.0                     | 115.7     | 122.9 | 124.9         | 109.0 | 99.3                                     | 122.2                     | 110.8              |
| June 2        | 115.9                     | 115.8     | 123.4 | 124.2         | 109.0 | 99.5                                     | 122.0                     | 110.8              |

**COST OF LIVING: COST OF FOOD, CLOTHING, RENT, FUEL AND LIGHT, HOUSE FURNISHINGS AND MISCELLANEOUS ITEMS FOR WAGE EARNERS AND LOWER SALARIED WORKERS IN DENVER AND SEVEN OTHER COLORADO CITIES ON SPECIFIED DATES**

Note—New indexes inaugurated by the U. S. Department of Labor on December 15, 1939, and the weighted average prices of all items entering into the cost of living in Denver as of that date as reported by the federal agency form the basis upon which comparative figures for the other Colorado cities are computed. In January, 1938, a survey by personal canvass was made in the cities named to obtain the average retail prices of the principal items used in compiling the Denver living costs. From the results of these canvasses, by weighting the averages, there were obtained index numbers which gave the relative cost in each of the seven cities as compared to Denver. The index numbers thus obtained are applied to the Denver items to determine the cost of living in those cities as of the specified date. (1935-39 average=100.)

| CITY                    | Food     | Clothing | Rent     | Fuel and Light | House Furnishings | Miscellaneous | Total   |
|-------------------------|----------|----------|----------|----------------|-------------------|---------------|---------|
| <b>Denver:</b>          |          |          |          |                |                   |               |         |
| June, 1929.....         | \$400.67 | \$199.60 | \$198.09 | \$ 74.11       | \$ 70.11          | \$336.50      | \$1,279 |
| December, 1932.....     | 257.81   | 148.46   | 156.67   | 59.28          | 53.34             | 325.28        | 1,000   |
| September 15, 1937..... | 352.07   | 173.70   | 154.01   | 64.54          | 69.71             | 342.77        | 1,156   |
| March 15, 1940.....     | 308.39   | 164.96   | 157.85   | 62.01          | 66.75             | 326.27        | 1,086   |
| June 15, 1941.....      | 338.27   | 165.95   | 157.70   | 61.75          | 69.71             | 337.82        | 1,131   |
| June 2, 1942.....       | 405.27   | 204.88   | 161.25   | 63.08          | 80.23             | 365.53        | 1,280   |
| <b>Alamosa:</b>         |          |          |          |                |                   |               |         |
| June, 1929.....         | 414.69   | 182.04   | 228.20   | 90.12          | 70.11             | 277.61        | 1,262   |
| December, 1932.....     | 266.83   | 135.40   | 180.48   | 72.08          | 53.34             | 268.36        | 976     |
| September 15, 1937..... | 364.39   | 158.41   | 177.42   | 78.48          | 69.71             | 282.79        | 1,131   |
| March 15, 1940.....     | 319.18   | 150.44   | 181.84   | 75.40          | 66.75             | 269.17        | 1,062   |
| June 15, 1941.....      | 350.11   | 151.35   | 181.67   | 75.09          | 69.71             | 278.70        | 1,106   |
| June 2, 1942.....       | 419.45   | 186.85   | 185.76   | 76.71          | 80.23             | 301.56        | 1,250   |
| <b>Boulder:</b>         |          |          |          |                |                   |               |         |
| June, 1929.....         | 346.98   | 178.44   | 192.54   | 82.78          | 70.11             | 335.49        | 1,206   |
| December, 1932.....     | 223.26   | 132.72   | 152.28   | 66.22          | 53.34             | 324.30        | 952     |
| September 15, 1937..... | 304.89   | 155.29   | 149.70   | 72.09          | 69.71             | 341.74        | 1,093   |
| March 15, 1940.....     | 267.07   | 147.47   | 153.43   | 69.27          | 66.75             | 325.29        | 1,029   |
| June 15, 1941.....      | 292.94   | 148.36   | 153.28   | 68.97          | 69.71             | 336.81        | 1,070   |
| June 2, 1942.....       | 350.96   | 183.16   | 156.74   | 70.46          | 80.23             | 364.43        | 1,206   |
| <b>Fort Collins:</b>    |          |          |          |                |                   |               |         |
| June, 1929.....         | 365.01   | 165.07   | 248.80   | 89.38          | 70.11             | 337.51        | 1,275   |
| December, 1932.....     | 234.86   | 122.78   | 196.78   | 71.49          | 53.34             | 326.26        | 1,005   |
| September 15, 1937..... | 320.74   | 143.65   | 193.44   | 77.84          | 69.71             | 343.80        | 1,149   |
| March 15, 1940.....     | 280.94   | 136.42   | 198.26   | 74.78          | 66.75             | 327.25        | 1,084   |
| June 15, 1941.....      | 308.16   | 137.24   | 198.07   | 74.47          | 69.71             | 338.83        | 1,126   |
| June 2, 1942.....       | 369.20   | 169.44   | 202.53   | 76.07          | 80.23             | 366.63        | 1,264   |
| <b>Grand Junction:</b>  |          |          |          |                |                   |               |         |
| June, 1929.....         | 393.46   | 180.84   | 213.94   | 74.33          | 70.11             | 330.44        | 1,263   |
| December, 1932.....     | 253.17   | 134.50   | 169.20   | 59.46          | 53.34             | 319.42        | 989     |
| September 15, 1937..... | 345.73   | 157.37   | 166.33   | 64.73          | 69.71             | 336.60        | 1,140   |
| March 15, 1940.....     | 302.84   | 149.45   | 170.48   | 62.20          | 66.75             | 320.40        | 1,072   |
| June 15, 1941.....      | 332.18   | 150.35   | 170.32   | 61.94          | 69.71             | 331.74        | 1,116   |
| June 2, 1942.....       | 397.98   | 185.62   | 174.15   | 63.27          | 80.23             | 358.95        | 1,260   |
| <b>Leadville:</b>       |          |          |          |                |                   |               |         |
| June, 1929.....         | 508.85   | 248.90   | 147.58   | 117.17         | 70.11             | 335.83        | 1,428   |
| December, 1932.....     | 327.42   | 185.12   | 116.72   | 93.72          | 53.34             | 324.63        | 1,100   |
| September 15, 1937..... | 447.13   | 216.60   | 114.74   | 102.04         | 69.71             | 342.08        | 1,292   |
| March 15, 1940.....     | 391.66   | 205.71   | 117.60   | 98.04          | 66.75             | 325.62        | 1,205   |
| June 15, 1941.....      | 429.60   | 206.94   | 117.49   | 97.63          | 69.71             | 337.14        | 1,258   |
| June 2, 1942.....       | 514.69   | 255.49   | 120.13   | 99.73          | 80.23             | 364.80        | 1,435   |
| <b>Salida:</b>          |          |          |          |                |                   |               |         |
| June, 1929.....         | 378.23   | 236.13   | 166.20   | 82.19          | 70.11             | 292.42        | 1,225   |
| December, 1932.....     | 243.37   | 175.63   | 131.45   | 65.74          | 53.34             | 282.67        | 952     |
| September 15, 1937..... | 332.35   | 205.49   | 129.21   | 71.57          | 69.71             | 297.87        | 1,106   |
| March 15, 1940.....     | 291.12   | 195.15   | 132.44   | 68.77          | 66.75             | 283.53        | 1,037   |
| June 15, 1941.....      | 319.33   | 196.32   | 132.31   | 68.48          | 69.71             | 293.57        | 1,079   |
| June 2, 1942.....       | 382.57   | 242.37   | 135.29   | 69.96          | 80.23             | 317.65        | 1,228   |
| <b>Sterling:</b>        |          |          |          |                |                   |               |         |
| June, 1929.....         | 372.62   | 174.25   | 229.78   | 96.86          | 70.11             | 344.91        | 1,288   |
| December, 1932.....     | 239.76   | 129.61   | 181.74   | 77.48          | 53.34             | 333.41        | 1,015   |
| September 15, 1937..... | 327.43   | 151.64   | 178.65   | 84.35          | 69.71             | 351.34        | 1,163   |
| March 15, 1940.....     | 286.80   | 144.01   | 183.11   | 81.05          | 66.75             | 334.43        | 1,096   |
| June 15, 1941.....      | 314.59   | 144.87   | 182.93   | 80.71          | 69.71             | 346.27        | 1,139   |
| June 2, 1942.....       | 376.90   | 178.86   | 187.05   | 82.45          | 80.23             | 374.67        | 1,280   |

## ELECTRIC SERVICE COSTS

Under the provisions of section 311 of the federal power act, the federal power commission made its first survey of electric rates in the United States as of January 1, 1935. Included in the survey were 69 cities and towns in Colorado on which it issued a state bulletin on domestic and residential rates in effect on that date. Additional and more comprehensive surveys for Colorado were made as of January 1, in subsequent years. In these reports it presented rates that were being charged as of those dates to residential, commercial light, commercial power and industrial consumers of electricity in the state. Charges are shown for residential service in communities of 250 population or more, for commercial service in communities of 2,500 population or more and for industrial service in communities of 10,000 population or more.

The commission's reports present rates for electric service in the form of typical monthly bills for various classes of service. These have enabled consumers throughout the state for the first time to compare their electric bills with bills for similar service in other communities. The evidence indicates that these have served as a stimulus, not only to effective regulation but also to the development of more progressive rate policies on the part of the utility companies themselves. This is shown in the steady narrowing of the spread between the highest and lowest bills for various classes of electric service.

The rate tendency in Colorado since the inauguration of these reports has been progressively downward. For example, out of 224 communities in Colorado on January 1, 1941, with a population of 250 or more, 127 of these showed rate changes downward between that date and January 1, 1940. The trend of these rates is illustrated in a comparison of the average price in cents per kilowatt-hour on January 1, 1939, and the same date in 1941, in typical bills for 25 kilowatt-hours (mostly for lighting) per month in 22 of the larger cities of the state. The changes in typical bills for larger quantities reflects a similar trend. These average costs for the two dates named and the percentages of decreases are as follows:

|                      | 1941 | 1939 | % De-<br>crease |
|----------------------|------|------|-----------------|
| Akron .....          | 9.5  | 10.6 | 11.6            |
| Alamosa .....        | 6.2  | 7.6  | 22.6            |
| Berthoud .....       | 7.4  | 8.8  | 18.9            |
| Boulder .....        | 6.0  | 6.4  | (1)             |
| Brighton .....       | 7.1  | 7.9  | (1)             |
| Canon City.....      | 6.4  | 8.8  | 37.5            |
| Colorado Springs.... | 4.8  | 4.9  | (1)             |
| Craig .....          | 6.0  | 8.0  | 33.3            |
| Denver .....         | 5.0  | 6.0  | 20.0            |
| Durango .....        | 6.6  | 8.8  | 33.3            |
| Glenwood Springs...  | 5.8  | 6.1  | (1)             |
| Greeley .....        | 6.0  | 6.5  | (1)             |
| La Junta .....       | 8.2  | 8.8  | (1)             |
| Leadville .....      | 6.4  | 8.3  | 30.0            |
| Manitou Springs....  | 4.8  | 4.9  | (1)             |
| Montrose .....       | 6.6  | 8.8  | 33.3            |
| Pueblo .....         | 6.4  | 7.0  | (1)             |
| Rocky Ford.....      | 6.4  | 8.8  | 37.5            |
| Salida .....         | 6.4  | 7.6  | 18.8            |
| Silverton .....      | 9.6  | 11.8 | 22.9            |
| Trinidad .....       | 6.6  | 8.2  | 24.2            |
| Walsenburg .....     | 6.6  | 8.2  | 24.2            |

(1) Less than one per cent.

Three tables compiled from the report of January 1, 1941, on residential electric service in Colorado are published herewith. One lists the communities with the lowest and highest typical monthly bills, with the amounts and the percentage of difference, for all cities in the state with a population of 1,000 or more for 25, 100 and 250 kilowatt-hours. Another gives examples of typical monthly bills and average increment charges for residential service for 36 cities on the basis of the quantity of electricity consumed, with average charge in cents per kilowatt-hour for specified uses. A third presents the rank of 74 cities and towns (from low to high) of typical monthly bills under three classifications and according to population.

Two other tables give information on commercial light and power service. One presents typical net monthly bills on billing demands (kilowatts) and monthly consumption (kilowatt-hours) for communities in Colorado of 2,500 population or more, and the other gives the same information on commercial power service.

Lack of space prohibits the publication of rates for the smaller communities, but the commission's report will be found available at the principal public libraries. For the same reason rates presented in the 1935, 1937 and 1939 surveys are not repeated in this volume, but for comparative purposes they may be found on pages 344 in the 1935-1936, 443 in the 1937-1938, and 403 in the 1939-1940 Year Books.

The commission points out that it makes no attempt to determine the reasonableness or unreasonableness of the rates as shown in its reports, nor does it enumerate the factors which determine the price level.

**RESIDENTIAL ELECTRIC SERVICE: HIGHEST AND LOWEST TYPICAL BILLS FOR COMMUNITIES OF 1,000 OR MORE POPULATION IN COLORADO, BASED ON RATES IN EFFECT JANUARY 1, 1941**

(Source: Federal Power Commission)

Note—The Commission's survey as of January 1, 1941, covered 224 cities and towns of 250 population or more in Colorado. The following table indicates the spread between maximum and minimum charges in communities of 1,000 population or more. Example: Colorado Springs has the lowest typical bill (\$1.19) for 25 kilowatt-hours among cities of 10,000 to 50,000 population and Grand Junction has the highest (\$1.78), a difference of 49.6 per cent.

| Kilo-watt Hours                            | Lowest Bills          | Amount | Highest Bills      | Amount | Per Cent Difference |
|--|-----------------------|--------|--------------------|--------|---------------------|
| COMMUNITIES OF 50,000 POPULATION AND MORE  |                       |        |                    |        |                     |
| 25   | Denver .....          | \$1.25 | Pueblo* .....      | \$1.60 | 28.0                |
| 100  | do .....              | 3.80   | do* .....          | 4.30   | 13.2                |
| 250  | do .....              | 6.80   | do* .....          | 8.10   | 19.1                |
| COMMUNITIES OF 10,000 TO 50,000 POPULATION |                       |        |                    |        |                     |
| 25   | Colorado Springs†.... | \$1.19 | Grand Junction.... | \$1.78 | 49.6                |
| 100  | do† .....             | 3.41   | do .....           | 4.76   | 39.6                |
| 250  | Fort Collins†.....    | 6.05   | Trinidad .....     | 8.34   | 37.9                |
| COMMUNITIES OF 2,500 TO 10,000 POPULATION  |                       |        |                    |        |                     |
| 25   | Fort Morgan†.....     | \$1.20 | Lamar† .....       | \$2.13 | 77.5                |
| 100  | do† .....             | 2.70   | Monte Vista.....   | 5.20   | 92.6                |
| 250  | do† .....             | 6.40   | Englewood } .....  | 8.75   | 36.7                |
|  |                       |        | Golden }           |        |                     |
| COMMUNITIES OF 1,000 TO 2,500 POPULATION   |                       |        |                    |        |                     |
| 25   | Manitou Springs†....  | \$1.19 | Meeker† .....      | \$4.00 | 236.1               |
| 100  | do† .....             | 3.41   | Crested Butte†.... | 10.35  | 203.5               |
| 250  | do† .....             | 6.21   | do† .....          | 25.80  | 315.5               |

\*Standard rate.

†Publicly owned utility.

**RELATIVE IMPORTANCE LIVING-COST ITEMS**

The relative importance of the many items entering into the cost of living were computed by the Department of Labor in the preparation of its new index figures based on the percentages of average costs in 1935-1939. These are shown for the 51 key cities individually and for the cities combined. Denver, the key city for Colorado, ranks below the combined cities in the consumption of cereals and bakery products, meat, fish and poultry, dairy products and eggs and higher in fresh fruits and vegetables, canned and dried fruits and vegetables, beverages, fats and oils and sugar.

The relative importance of the general classes of items for Denver and for the 51 cities combined for the new index period are as follows:

|                              | Den-ver | 51 Cities |
|------------------------------|---------|-----------|
| Cereal and bakery products.. | 14.8    | 15.6      |
| Meats, fish and poultry..... | 26.6    | 28.2      |
| Dairy products.....          | 16.8    | 19.1      |
| Eggs .....                   | 4.3     | 5.5       |

|                        | Den-ver | 51 Cities |
|------------------------|---------|-----------|
| Fruits and vegetables: |         |           |
| Fresh .....            | 18.9    | 16.5      |
| Canned .....           | 4.7     | 4.1       |
| Dried .....            | 1.7     | 1.0       |
| Beverages .....        | 3.9     | 3.4       |
| Fats and oils.....     | 3.7     | 3.2       |
| Sugar .....            | 4.6     | 3.4       |
|                        | 100.0   | 100.0     |

The percentages show that white bread is less important in Denver than in the combined cities, the percentages being 5.4 and 6.7 per cent. Rib roast ranks high, being 6.3 per cent for Denver and 4.6 per cent for the combined cities. Bacon and pork chops also are relatively more important in Denver, being 2.7 and 1.9 per cent for bacon and 2.1 and 1.9 per cent for pork chops. Butter and cheese are slightly less important, the Denver percentages being 5.1 against 5.4 per cent for the combined cities for butter and 1.5 against 1.6 per cent for cheese. Oranges rank 5.0 per cent for Denver and 3.4 per cent for the cities combined and the relative importance of milk (delivered) is 5.1 against 11.1 per cent.

RESIDENTIAL ELECTRIC SERVICE IN COLORADO: EXAMPLES OF TYPICAL MONTHLY BILLS  
AND AVERAGE INCREMENTAL CHARGES FOR RESIDENTIAL SERVICE, JANUARY 1, 1941

(Source: Federal Power Commission)

Note—For comparison with rates in effect January 1, 1937, see page 441 in Year Book for 1937-1938, and with rates in effect January 1, 1939, see page 404 in Year Book for 1939-1940.

| COMMUNITY         | Population | Lighting and Small Appliances | Lighting, Small Appliances, and Refrigeration | Lighting, Etc., Refrigeration and Cooking | Lighting, Etc., Refrigeration, Cooking and Water Heating | Average Charge in Cents Per kwh for        |  |   |   |
|-------------------|------------|-------------------------------|---|---|--|--|--|---|---|
|                   |            |                               |   |   |  | 25 kwh Typical Bill (Principally Lighting) | Incremental Charge Between                               |   |   |
|                   |            |                               |   |   |  |  | 25 and 100 kwh Typical Bills (Principally Refrigeration) | 100 and 250 kwh Typical Bills (Principally Cooking) | 250 and 500 kwh Typical Bills (Principally Water Heating) |
|                   |            | 25 kwh                        | 100 kwh                                       | 250 kwh                                   | 500 kwh  |  |  |   |   |
| Akron†            | 1,417      | \$ 2.38                       | \$ 5.90                                       | \$10.80                                   | \$18.30  | 9.5  | 4.7  | 3.3   | 3.0   |
| Alamosa†          | 5,613      | 1.55                          | 4.35  | 7.35                                      | 10.48  | 6.2  | 3.7  | 2.0   | 1.3   |
| Berthoud†         | 811        | 1.84                          | 4.58  | 7.58                                      | 10.08  | 7.4  | 3.7  | 2.0   | 1.0   |
| Boulder†          | 12,958     | 1.50                          | 4.07  | 7.07                                      | 9.57   | 6.0  | 3.4  | 2.0   | 1.0   |
| Brighton          | 4,029      | 1.78                          | 4.76  | 7.76                                      | 10.26  | 7.1  | 4.0  | 2.0   | 1.0   |
| Brush             | 2,481      | 1.96                          | 4.72  | 7.72                                      | 10.85  | 7.8  | 3.7  | 2.0   | 1.3   |
| Canon City†§      | 6,690      | 1.60                          | 4.60  | 8.10                                      | 10.60  | 6.4  | 4.0  | 2.3   | 1.0   |
| Colorado Springs* | 36,789     | 1.19                          | 3.41  | 6.21                                      | 8.71   | 4.8  | 3.0  | 1.9   | 1.0   |
| Craig†            | 2,123      | 1.50                          | 4.68  | 7.38                                      | 10.98  | 6.0  | 4.2  | 1.8   | 1.4   |
| Crested Butte*    | 1,145      | 3.75                          | 10.35   | 25.80                                     | 49.10  | 15.0                                       | 8.8  | 10.3  | 9.3   |
| Delta*†           | 3,717      | 1.90                          | 4.45  | 7.45                                      | 11.20  | 7.6  | 3.4  | 2.0   | 1.5   |
| Denver†           | 322,412    | 1.25                          | 3.80  | 6.80                                      | 9.30   | 5.0  | 3.4  | 2.0   | 1.0   |
| Durango           | 5,887      | 1.65                          | 3.67  | 7.72                                      | 10.72  | 6.6  | 2.7  | 2.7   | 1.2   |
| Englewood         | 9,680      | 1.25                          | 5.00  | 8.75                                      | 11.25  | 5.0  | 5.0  | 2.5   | 1.0   |
| Ft. Collins*†     | 12,251     | 1.50                          | 4.10  | 6.05                                      | 8.55   | 6.0  | 3.5  | 1.3   | 1.0   |
| Ft. Morgan*       | 4,884      | 1.20                          | 2.70  | 6.40                                      | 8.90   | 4.8  | 2.0  | 2.5   | 1.0   |
| Glenwood Springs† | 2,253      | 1.45                          | 3.46  | 7.31                                      | 13.72  | 5.8  | 2.7  | 2.6   | 2.6   |
| Grand Junction    | 12,479     | 1.78                          | 4.76  | 7.76                                      | 10.26  | 7.1  | 4.0  | 2.0   | 1.0   |
| Greeley           | 15,995     | 1.50                          | 4.10  | 7.10                                      | 9.80   | 6.0  | 3.5  | 2.0   | 1.1   |
| La Junta*†        | 7,040      | 2.05                          | 4.10  | 7.40                                      | 9.90   | 8.2  | 2.7  | 2.2   | 1.0   |
| Lamar*            | 4,445      | 2.13                          | 5.00  | 7.50                                      | 10.00  | 8.5  | 3.8  | 1.7   | 1.0   |
| Leadville†        | 4,774      | 1.60                          | 4.70  | 7.70                                      | 10.20  | 6.4  | 4.1  | 2.0   | 1.0   |
| Littleton         | 2,244      | 1.25                          | 5.00  | 8.75                                      | 11.25  | 5.0  | 5.0  | 2.5   | 1.0   |
| Longmont*         | 7,406      | 1.75                          | 3.80  | 6.80                                      | 9.40   | 7.0  | 2.7  | 2.0   | 1.0   |
| Loveland*         | 6,145      | 1.90                          | 4.15  | 6.90                                      | 10.65  | 7.6  | 3.0  | 1.8   | 1.5   |
| Manitou Springs*  | 1,462      | 1.19                          | 3.41  | 6.21                                      | 8.71   | 4.8  | 3.0  | 1.9   | 1.0   |
| Meeker*           | 1,399      | 4.00                          | 6.75  | 9.75                                      | 14.75  | 16.0                                       | 3.7  | 2.0   | 2.0   |
| Montrose          | 4,764      | 1.65                          | 3.90  | 7.15                                      | 10.90  | 6.6  | 3.0  | 2.2   | 1.5   |
| Pueblo*§          | 52,162     | 1.60                          | 4.30  | 8.10                                      | 10.60  | 6.4  | 3.6  | 2.5   | 1.0   |
| Rocky Ford*§      | 3,494      | 1.60                          | 4.60  | 8.10                                      | 10.60  | 6.4  | 4.0  | 2.3   | 1.0   |
| Salida            | 4,969      | 1.60                          | 4.70  | 7.70                                      | 10.83  | 6.4  | 4.1  | 2.0   | 1.3   |
| Silverton         | 1,127      | 2.40                          | 7.40  | 13.40                                     | 23.40  | 9.6  | 6.7  | 4.0   | 4.0   |
| Sterling          | 7,411      | 1.78                          | 4.56  | 7.56                                      | 10.06  | 7.1  | 3.7  | 2.0   | 1.0   |
| Trinidad          | 13,223     | 1.66                          | 4.68  | 8.34                                      | 11.59  | 6.6  | 4.0  | 2.4   | 1.3   |
| Walsenburg        | 5,855      | 1.66                          | 4.68  | 8.34                                      | 11.59  | 6.6  | 4.0  | 2.4   | 1.3   |
| Wray*†            | 2,061      | 1.75                          | 4.40  | 7.40                                      | 9.90   | 7.0  | 3.5  | 2.0   | 1.0   |

\*Publicly owned utility.

†Bills have been changed since January 1, 1940.

‡Computed under a rate which limits the hours of use of water-heating devices.

§Standard rate.

£Customer guarantees to pay a bill not less than that for the corresponding month of a previous year.

**RESIDENTIAL ELECTRIC SERVICE: RANK OF COLORADO COMMUNITIES BY POPULATION GROUP (FROM LOW TO HIGH) BASED ON TYPICAL NET MONTHLY BILLS FOR 25, 100 AND 250 KILOWATT-HOURS FOR RESIDENTIAL SERVICE, JANUARY 1, 1941**

(Source: Federal Power Commission)

Note—Where two or more communities show typical bills of the same amount, all are given the same rank. For comparison of rates with those in effect on January 1, 1935, see page 344 in 1935-1936 Year Book, for 1937 see page 443 in 1937-1938 Year Book and for 1939 see page 405 in 1939-1940 Year Book.

| COMMUNITY   | For 25 Kilowatt-hours |      | For 100 Kilowatt-hours |      | For 250 Kilowatt-hours |      |
|---|-----------------------|------|------------------------|------|------------------------|------|
|   | Amount                | Rank | Amount                 | Rank | Amount                 | Rank |
| <b>COMMUNITIES OF 50,000 POPULATION OR MORE</b>   |                       |      |                        |      |                        |      |
| Denver .....                                      | \$ 1.25               | 1    | \$ 3.80                | 1    | \$ 6.80                | 1    |
| Pueblo† .....                                     | 1.60                  | 2    | 4.30                   | 2    | 8.10                   | 2    |
| <b>COMMUNITIES OF 10,000 TO 50,000 POPULATION</b> |                       |      |                        |      |                        |      |
| Colorado Springs*.....                            | \$ 1.19               | 1    | \$ 3.41                | 1    | \$ 6.21                | 2    |
| Boulder .....                                     | 1.50                  | 2    | 4.07                   | 2    | 7.07                   | 3    |
| Fort Collins*.....                                | 1.50                  | 2    | 4.10                   | 3    | 6.05                   | 1    |
| Greeley .....                                     | 1.50                  | 2    | 4.10                   | 3    | 7.10                   | 4    |
| Trinidad .....                                    | 1.66                  | 5    | 4.68                   | 5    | 8.34                   | 6    |
| Grand Junction.....                               | 1.78                  | 6    | 4.76                   | 6    | 7.76                   | 5    |
| <b>COMMUNITIES OF 2,500 TO 10,000 POPULATION</b>  |                       |      |                        |      |                        |      |
| Fort Morgan*.....                                 | \$ 1.20               | 1    | \$ 2.70                | 1    | \$ 6.40                | 1    |
| Englewood .....                                   | 1.25                  | 2    | 5.00                   | 19   | 8.75                   | 21   |
| Golden .....                                      | 1.25                  | 2    | 5.00                   | 19   | 8.75                   | 21   |
| Alamosa .....                                     | 1.55                  | 4    | 4.35                   | 7    | 7.35                   | 5    |
| Aurora .....                                      | 1.55                  | 4    | 4.78                   | 18   | 8.53                   | 20   |
| Canon City†.....                                  | 1.60                  | 6    | 4.60                   | 11   | 8.10                   | 15   |
| Florence† .....                                   | 1.60                  | 6    | 4.60                   | 11   | 8.10                   | 15   |
| Leadville .....                                   | 1.60                  | 6    | 4.70                   | 15   | 7.70                   | 10   |
| Rocky Ford†.....                                  | 1.60                  | 6    | 4.60                   | 11   | 8.10                   | 15   |
| Salida .....                                      | 1.60                  | 6    | 4.70                   | 15   | 7.70                   | 10   |
| Las Animas.....                                   | 1.61                  | 11   | 4.48                   | 9    | 7.98                   | 14   |
| Durango .....                                     | 1.65                  | 12   | 3.67                   | 2    | 7.72                   | 12   |
| Montrose .....                                    | 1.65                  | 12   | 3.90                   | 4    | 7.15                   | 4    |
| Walsenburg .....                                  | 1.66                  | 14   | 4.68                   | 14   | 8.34                   | 19   |
| Longmont* .....                                   | 1.75                  | 15   | 3.80                   | 3    | 6.80                   | 2    |
| Brighton .....                                    | 1.78                  | 16   | 4.76                   | 17   | 7.76                   | 13   |
| Sterling .....                                    | 1.78                  | 16   | 4.56                   | 10   | 7.56                   | 9    |
| Delta* .....                                      | 1.90                  | 18   | 4.45                   | 8    | 7.45                   | 7    |
| Loveland* .....                                   | 1.90                  | 18   | 4.15                   | 6    | 6.90                   | 3    |
| Monte Vista.....                                  | 1.90                  | 18   | 5.20                   | 22   | 8.20                   | 18   |
| La Junta*.....                                    | 2.05                  | 21   | 4.10                   | 5    | 7.40                   | 6    |
| Lamar* .....                                      | 2.13                  | 22   | 5.00                   | 19   | 7.50                   | 8    |
| <b>COMMUNITIES OF 1,000 TO 2,500 POPULATION</b>   |                       |      |                        |      |                        |      |
| Manitou Springs*.....                             | \$ 1.19               | 1    | \$ 3.41                | 1    | \$ 6.21                | 1    |
| Littleton .....                                   | 1.25                  | 2    | 5.00                   | 23   | 8.75                   | 29   |
| Glenwood Springs.....                             | 1.45                  | 3    | 3.46                   | 2    | 7.31                   | 5    |
| Arvada .....                                      | 1.50                  | 4    | 4.80                   | 22   | 8.70                   | 28   |
| Craig† .....                                      | 1.50                  | 4    | 4.68                   | 16   | 7.38                   | 6    |

**RESIDENTIAL ELECTRIC SERVICE: RANK OF COLORADO COMMUNITIES BY POPULATION GROUP (FROM LOW TO HIGH) BASED ON TYPICAL NET MONTHLY BILLS FOR 25, 100 AND 250 KILOWATT-HOURS FOR RESIDENTIAL SERVICE, JANUARY 1, 1941—Continued**

| COMMUNITY  | For 25 Kilowatt-hours |      | For 100 Kilowatt-hours |      | For 250 Kilowatt-hours |      |
|--|-----------------------|------|------------------------|------|------------------------|------|
|  | Amount                | Rank | Amount                 | Rank | Amount                 | Rank |
| COMMUNITIES OF 1,000 TO 2,500 POPULATION—Continued |                       |      |                        |      |                        |      |
| Eaton .....  | \$ 1.50               | 4    | \$ 4.10                | 5    | \$ 7.10                | 2    |
| Fort Lupton.....                                   | 1.50                  | 4    | 5.10                   | 26   | 8.85                   | 33   |
| Steamboat Springs†...                              | 1.50                  | 4    | 4.68                   | 16   | 7.38                   | 6    |
| Edgewater .....                                    | 1.55                  | 9    | 4.78                   | 20   | 8.53                   | 22   |
| Idaho Springs.....                                 | 1.55                  | 9    | 4.78                   | 20   | 8.08                   | 16   |
| Paonia .....                                       | 1.65                  | 11   | 3.90                   | 4    | 7.15                   | 3    |
| Telluride .....                                    | 1.65                  | 11   | 3.67                   | 3    | 7.72                   | 12   |
| Windsor .....                                      | 1.66                  | 13   | 4.26                   | 6    | 7.26                   | 4    |
| Wray* .....  | 1.75                  | 14   | 4.40                   | 7    | 7.40                   | 8    |
| Julesburg* .....                                   | 1.80                  | 15   | 4.59                   | 11   | 8.64                   | 27   |
| Cripple Creek†.....                                | 1.84                  | 16   | 4.62                   | 12   | 8.62                   | 23   |
| Lafayette .....                                    | 1.84                  | 16   | 4.58                   | 9    | 7.58                   | 10   |
| Louisville .....                                   | 1.84                  | 16   | 4.58                   | 9    | 7.58                   | 10   |
| Ordway†.....                                       | 1.84                  | 16   | 4.62                   | 12   | 8.62                   | 23   |
| South Canon†.....                                  | 1.84                  | 16   | 4.62                   | 12   | 8.62                   | 23   |
| Victor†.....                                       | 1.84                  | 16   | 4.62                   | 12   | 8.62                   | 23   |
| Antonito .....                                     | 1.90                  | 22   | 5.10                   | 26   | 8.10                   | 17   |
| Saguache .....                                     | 1.95                  | 23   | 5.25                   | 30   | 8.25                   | 19   |
| Brush .....  | 1.96                  | 24   | 4.72                   | 19   | 7.72                   | 12   |
| Fruita .....                                       | 2.03                  | 25   | 5.01                   | 24   | 8.01                   | 14   |
| Rifle .....  | 2.03                  | 25   | 5.01                   | 24   | 8.01                   | 14   |
| Yuma* .....  | 2.20                  | 27   | 5.20                   | 29   | 8.20                   | 18   |
| Erie* .....  | 2.23                  | 28   | 5.18                   | 28   | 10.64                  | 37   |
| Aguilar .....                                      | 2.25                  | 29   | 4.68                   | 16   | 8.34                   | 21   |
| Cortez .....                                       | 2.25                  | 29   | 6.00                   | 38   | 12.00                  | 41   |
| Holyoke* .....                                     | 2.25                  | 29   | 4.50                   | 8    | 7.50                   | 9    |
| Oak Creek*.....                                    | 2.28                  | 32   | 5.28                   | 31   | 10.03                  | 35   |
| Burlington* .....                                  | 2.30                  | 33   | 5.30                   | 32   | 8.30                   | 20   |
| Center .....                                       | 2.30                  | 33   | 5.75                   | 33   | 8.75                   | 29   |
| Del Norte.....                                     | 2.30                  | 33   | 5.75                   | 33   | 8.75                   | 29   |
| Manassa .....                                      | 2.30                  | 36   | 5.75                   | 33   | 8.75                   | 29   |
| Gunnison* .....                                    | 2.35                  | 37   | 7.00                   | 42   | 10.72                  | 38   |
| Akron .....  | 2.38                  | 38   | 5.90                   | 37   | 10.80                  | 39   |
| Silverton§ .....                                   | 2.40                  | 39   | 7.40                   | 43   | 13.40                  | 42   |
| Limon .....  | 2.60                  | 40   | 5.80                   | 36   | 10.60                  | 36   |
| Pagosa Springs.....                                | 2.71                  | 41   | 6.91                   | 41   | 10.91                  | 40   |
| Crested Butte*.....                                | 3.75                  | 42   | 10.35                  | 44   | 25.80                  | 44   |
| Springfield .....                                  | 3.75                  | 42   | 6.90                   | 40   | 14.40                  | 43   |
| Meeker* .....                                      | 4.00                  | 44   | 6.75                   | 39   | 9.75                   | 34   |

\*Publicly owned utility.

†Standard rate.

‡Customer guarantees to pay a bill not less than that for the corresponding month of a previous year.

§Majority of customers furnish their own meters.

**COMMERCIAL LIGHT SERVICE: TYPICAL NET MONTHLY BILLS, BASED ON RATES IN EFFECT JANUARY 1, 1941, FOR COMMUNITIES IN COLORADO OF 2,500 POPULATION OR MORE**

(Source: Federal Power Commission)

Note—Where more than one rate is given for a city, the several rates are based on different classes which are optional.

| COMMUNITY           | Population | Billing Demands (kilowatts) and Monthly Consumptions (kilowatt-hours) |         |         |         |           |
|---------------------|------------|---|---------|---------|---------|-----------|
|                     |            | 0.75 KW   | 1.5 KW  | 3.0 KW  | 6.0 KW  | 12.0 KW   |
|                     |            | 50 KWH  | 150 KWH | 375 KWH | 750 KWH | 1,500 KWH |
| Alamosa .....       | 5,613      | \$ 3.00   | \$ 8.00 | \$17.00 | \$32.00 | \$58.25   |
| Aurora .....        | 3,437      | 2.75  | 8.07    | 19.88   | 39.75   | 79.50     |
|                     |            | ....  | ....    | ....    | 45.38   | 78.90     |
| Boulder .....       | 12,958     | 2.73  | 7.95    | 19.50   | 37.35   | 70.95     |
| Brighton .....      | 4,029      | 3.50  | 9.76    | 23.25   | 46.50   | 93.00     |
| Canon City.....     | 6,690      | 3.27  | 9.77    | 22.15   | 39.02   | 66.02     |
|                     |            | 2.92  | 8.42    | 19.67   | 35.92   | 63.42     |
|                     |            | 3.70  | 9.60    | 21.78   | 41.00   | 73.20     |
| Colorado Springs*.. | 36,789     | 2.38  | 5.55    | 11.55   | 19.05   | 34.05     |
| Delta* .....        | 3,717      | 3.65  | 9.65    | 20.15   | 32.65   | 47.65     |
| Denver .....        | 322,412    | 2.50  | 7.50    | 17.63   | 34.25   | 66.50     |
|                     |            | ....  | ....    | ....    | ....    | 65.00     |
| Durango .....       | 5,887      | ....  | ....    | ....    | ....    | 47.24     |
|                     |            | 2.90  | 7.90    | 17.90   | 32.90   | 55.40     |
| Englewood .....     | 9,680      | 2.50  | 7.50    | 16.88   | 26.25   | 45.00     |
| Florence .....      | 2,632      | 3.27  | 9.77    | 22.15   | 39.02   | 66.02     |
|                     |            | 2.92  | 8.42    | 19.67   | 35.92   | 63.42     |
|                     |            | 3.70  | 9.60    | 21.78   | 41.00   | 73.20     |
| Fort Collins*.....  | 12,251     | 3.00  | 9.00    | 21.00   | 42.00   | 84.00     |
| Fort Morgan*.....   | 4,884      | 1.70  | 4.40    | 11.70   | 23.40   | 38.50     |
| Golden .....        | 3,175      | 2.50  | 7.50    | 16.88   | 26.25   | 45.00     |
| Grand Junction....  | 12,479     | 3.00  | 8.00    | 17.00   | 32.00   | 58.25     |
| Greeley .....       | 15,995     | 2.50  | 7.50    | 17.63   | 35.25   | 70.50     |
|                     |            | ....  | ....    | ....    | 31.50   | 63.00     |
| La Junta*.....      | 7,040      | 3.80  | 9.80    | 21.05   | 36.05   | 59.80     |
| Lamar* .....        | 4,445      | 3.00  | 8.50    | 17.25   | 25.00   | 40.00     |
| Las Animas.....     | 3,232      | 3.10  | 9.10    | 20.10   | 32.60   | 55.10     |
| Leadville .....     | 4,774      | 3.50  | 8.50    | 18.50   | 33.50   | 59.75     |
| Longmont* .....     | 7,406      | 3.00  | 8.00    | 15.25   | 26.50   | 49.00     |
| Loveland* .....     | 6,145      | 3.00  | 7.50    | 14.75   | 26.00   | 48.50     |
| Monte Vista.....    | 3,208      | 3.70  | 10.13   | 23.25   | 40.50   | 75.00     |
| Montrose .....      | 4,764      | ....  | ....    | ....    | ....    | 47.24     |
|                     |            | 2.90  | 7.90    | 17.90   | 32.90   | 55.40     |
| Pueblo .....        | 52,162     | 3.27  | 9.77    | 22.15   | 39.02   | 66.02     |
|                     |            | 2.92  | 8.42    | 19.67   | 35.92   | 63.42     |
|                     |            | 3.50  | 9.25    | 21.13   | 39.75   | 70.75     |
| Rocky Ford.....     | 3,494      | 3.27  | 9.77    | 22.15   | 39.02   | 66.02     |
|                     |            | 2.92  | 8.42    | 19.67   | 35.92   | 63.42     |
|                     |            | 3.70  | 9.60    | 21.78   | 41.00   | 73.20     |
| Salida .....        | 4,969      | 3.26  | 9.00    | 21.00   | 37.50   | 69.00     |
| Sterling .....      | 7,411      | 3.38  | 9.75    | 22.50   | 40.50   | 75.00     |
| Trinidad .....      | 13,223     | 3.07  | 8.91    | 21.74   | 43.47   | 86.94     |
|                     |            | 3.09  | 9.26    | 22.33   | 42.51   | 74.58     |
| Walsenburg .....    | 5,855      | 3.07  | 8.91    | 21.74   | 43.47   | 86.94     |
|                     |            | 3.09  | 9.26    | 22.33   | 42.51   | 74.58     |

\*Publicly owned utility.

**COMMERCIAL POWER SERVICE: TYPICAL NET MONTHLY BILLS, BASED ON RATES IN EFFECT JANUARY 1, 1941, FOR COLORADO COMMUNITIES OF 2,500 POPULATION OR MORE**

(Source: Federal Power Commission)

Note—Where more than one rate is given for a city, the several rates are based on different classes which are optional.

| COMMUNITY            | Population | Type of Service* | Billing Demands (kilowatts) and Monthly Consumptions (kilowatt-hours) |         |         |           |           |
|----------------------|------------|------------------|---|---------|---------|-----------|-----------|
|                      |            |                  | 1.5 KW  | 3.0 KW  | 6.0 KW  | 12.0 KW   | 30.0 KW   |
|                      |            |                  | 150 KWH   | 375 KWH | 750 KWH | 1,500 KWH | KWH 6,000 |
| Alamosa .....        | 5,613      | H                | \$ 6.00   | \$13.75 | \$25.50 | \$51.00   | \$195.00  |
|                      |            | MH               | 7.50  | 15.38   | 28.35   | 56.70     | 194.00    |
| Aurora .....         | 3,437      | MH               | 6.00  | 12.38   | 24.75   | 49.50     | 160.00    |
| Boulder .....        | 12,958     | MH               | 6.38  | 13.50   | 24.60   | 49.20     | 158.00    |
|                      |            | H                | 5.75  | 12.75   | 24.00   | 46.50     | 181.50    |
| Brighton .....       | 4,029      | MH               | 7.50  | 18.75   | ...     | ...       | ...       |
|                      |            | H                | 5.75  | 13.63   | 26.75   | 53.00     | 210.50    |
|                      |            | MH               | 7.50  | 16.00   | 28.60   | 57.20     | 180.00    |
| Canon City.....      | 6,690      | M                | 8.10  | 18.67   | 34.20   | 55.35     | 145.80    |
|                      |            | H                | 4.00  | 8.37    | 16.74   | 33.48     | 124.20    |
|                      |            | M                | 9.69  | 12.16   | 20.97   | 41.94     | 123.05    |
| Colorado Springs†... | 36,789     | M                | 3.60  | 8.70    | 17.40   | 34.10     | 104.00    |
|                      |            | H                | 3.60  | 9.00    | 18.00   | 36.00     | 144.00    |
| Delta† .....         | 3,717      | M                | 6.00  | 13.25   | 24.25   | 43.00     | 155.50    |
|                      |            | H                | 4.50  | 10.13   | 17.00   | 28.25     | 95.75     |
| Denver .....         | 322,412    | MH               | 4.95  | 10.54   | 21.08   | 42.15     | 133.00    |
| Durango .....        | 5,887      | H                | 4.18  | 10.12   | 20.25   | 40.50     | 121.50    |
|                      |            | M                | 7.02  | 16.74   | 33.48   | 66.96     | ...       |
|                      |            | M                | 7.50  | 17.25   | 34.50   | 56.00     | 125.00    |
| Englewood .....      | 9,680      | M                | 7.50  | 15.25   | 27.80   | 55.60     | 184.00    |
| Florence .....       | 2,632      | M                | 8.10  | 18.67   | 34.20   | 55.35     | 145.80    |
|                      |            | H                | 4.00  | 8.37    | 16.74   | 33.48     | 124.20    |
|                      |            | M                | 9.69  | 12.16   | 20.97   | 41.94     | 123.05    |
| Fort Collins†.....   | 12,251     | MH               | 7.00  | 14.50   | 26.20   | 52.40     | 176.00    |
|                      |            | H                | 5.00  | 11.75   | 23.00   | 45.50     | 180.50    |
|                      |            | H                | 3.00  | 7.50    | 15.00   | 30.00     | 102.50    |
| Fort Morgan†.....    | 4,884      | M                | 4.40  | 10.30   | 20.05   | 34.60     | 98.50     |
|                      |            | H                | 4.40  | 9.60    | 18.10   | 30.70     | 88.75     |
| Golden .....         | 3,175      | M                | 7.50  | 15.25   | 27.80   | 55.60     | 184.00    |
| Grand Junction.....  | 12,479     | MH               | 9.00  | 16.50   | 29.40   | 58.80     | 192.00    |
|                      |            | H                | 6.00  | 13.75   | 25.50   | 51.00     | 195.00    |
|                      |            | MH               | ...   | ...     | ...     | 55.60     | 184.00    |
| Greeley .....        | 15,995     | M                | 7.00  | 14.50   | 26.20   | 52.40     | 166.00    |
|                      |            | H                | 5.00  | 9.63    | 15.25   | 26.50     | 94.00     |
| La Junta†.....       | 7,040      | MH               | 7.50  | 17.00   | 30.50   | 48.00     | 133.00    |
| Lamar† .....         | 4,445      | MH               | 6.50  | 13.25   | 23.25   | 39.50     | 129.50    |
| Las Animas.....      | 3,232      | MH               | 7.75  | 17.75   | 30.25   | 52.75     | 172.75    |
|                      |            | H                | 5.50  | 12.25   | 23.50   | ...       | ...       |
| Leadville .....      | 4,774      | MH               | 7.50  | 18.75   | ...     | ...       | ...       |
|                      |            | MHL              | ...   | 15.00   | 26.70   | 53.40     | 148.50    |
|                      |            | H                | 6.00  | 13.75   | 25.50   | 51.00     | 195.00    |
| Longmont† .....      | 7,406      | M                | 2.63  | 6.56    | 13.13   | 26.25     | 105.00    |
|                      |            | MH               | 3.00  | 7.50    | 15.00   | 30.00     | 120.00    |
| Loveland† .....      | 6,145      | M                | 7.00  | 12.50   | 20.00   | 35.00     | 125.00    |
|                      |            | H                | 5.00  | 10.00   | 17.50   | 32.50     | 122.50    |
| Monte Vista.....     | 3,208      | H                | 6.00  | 13.75   | 25.50   | 51.00     | 195.00    |
|                      |            | MH               | 8.00  | 15.88   | 29.15   | 58.30     | 202.00    |
| Montrose .....       | 4,764      | M                | 7.60  | 16.39   | 29.09   | 52.73     | 171.71    |
|                      |            | H                | 4.18  | 10.12   | 20.25   | 40.50     | 121.50    |
|                      |            | H                | 4.50  | 10.58   | 20.70   | 40.95     | ...       |
| Pueblo .....         | 52,162     | M                | 7.44  | 18.60   | 34.94   | 63.14     | 161.43    |
|                      |            | H                | 4.00  | 8.37    | 16.74   | 33.48     | 124.20    |
|                      |            | M                | 9.69  | 12.16   | 20.97   | 41.94     | 123.05    |
| Rocky Ford.....      | 3,494      | M                | 8.10  | 18.67   | 34.20   | 55.35     | 145.80    |
|                      |            | H                | 4.00  | 8.37    | 16.74   | 33.48     | 124.20    |
|                      |            | M                | 9.69  | 12.16   | 20.97   | 41.94     | 123.05    |
| Salida .....         | 4,969      | H                | 6.00  | 13.75   | 25.50   | 51.00     | 195.00    |
|                      |            | MHL              | ...   | ...     | 30.00   | 60.00     | 210.00    |
|                      |            | MH               | 7.00  | 14.88   | 27.55   | 55.10     | 194.00    |
| Sterling .....       | 7,411      | H                | 6.00  | 13.75   | 25.50   | 51.00     | 195.00    |
|                      |            | MH               | 8.50  | 18.00   | 30.50   | 53.00     | ...       |
|                      |            | MH               | ...   | 20.00   | 26.50   | 53.00     | 190.00    |
| Trinidad .....       | 13,223     | M                | 5.40  | 13.50   | 27.00   | 54.00     | 216.00    |
|                      |            | H                | 5.40  | 13.50   | 24.75   | 40.50     | 121.50    |
| Walsenburg .....     | 5,855      | M                | 5.40  | 13.50   | 27.00   | 54.00     | 216.00    |
|                      |            | H                | 5.40  | 13.50   | 24.75   | 40.50     | 121.50    |

\*Letters in this column used to indicate "Type of Service" are: M—Motive Power; H—Heating and/or cooking; L—Lighting, restricted or unrestricted.

†Publicly owned utility.

**NATURAL GAS: TOTAL NET MONTHLY BILL AND PRICES PER THOUSAND CUBIC FEET AND PER THERM FOR SPECIFIED AMOUNTS FOR DENVER ON DECEMBER 15, 1941, WITH COMPARISONS WITH 13 OTHER CITIES USING NATURAL GAS**

(Source: U. S. Department of Labor)

Note—A new method of reporting prices of gas for household use was adopted by the Bureau of Labor Statistics beginning with October, 1935. Under this method bills for all cities are based on a definite number of heat units, instead of the variable number of heat units represented by specified number of cubic feet of gas of widely differing heat units. The new method is illustrated by the following example:

The average consumption of a gas range per month is 10.6 therms. One therm equals 100,000 British thermal units. The heating value of natural gas in Denver is 825 British thermal units per cubic foot. Therefore, a range consumes an average of 1,280 cubic feet of gas in a month in producing 10.6 therms of heat. The cost of 1,280 cubic feet of gas consumed in a month under the Denver schedule is \$2.18, including 2 per cent sales tax, or \$1.70 per thousand cubic feet of gas or 20.6 per therm.

For comparison with prices on October 15, 1935, see page 343, 1935-1936 Year Book. For prices on same date in 1937, see page 439, 1937-1938 Year Book. For prices on December 15, 1939, see page 402, 1939-1940 Year Book.

| CITY            | Heating Value Per Cu. Ft. in British Thermal Units | Average Monthly Consumption in Cu. Ft. and Total Net Monthly Bill |        |   |        |   |        |   |        |
|-----------------|--|---|--------|---|--------|---|--------|---|--------|
|                 |  | Range, 10.6 Therms  |        | Range and Water Heater (Manual Type), 19.6 Therms |        | Range and Automatic Water Heater, 30.6 Therms |        | Range, Automatic Water Heater and Refrigerator, 40.6 Therms |        |
|                 |  | Cubic Feet  | Bill   | Cubic Feet  | Bill   | Cubic Feet                                    | Bill   | Cubic Feet  | Bill   |
| Denver*         | 825  | 1,280   | \$2.18 | 2,380   | \$3.35 | 3,710   | \$4.20 | 4,920   | \$4.84 |
| Atlanta         | 980  | 1,080   | 1.78   | 2,000   | 2.70   | 3,120   | 3.77   | 4,140   | 4.38   |
| Butte           | 850  | 1,250   | 1.11   | 2,310   | 1.59   | 3,600   | 2.17   | 4,780   | 2.70   |
| Cleveland       | 1,100  | 960   | 1.11   | 1,780   | 1.56   | 2,780   | 2.11   | 3,960   | 2.61   |
| Columbus        | 1,050  | 1,010   | .90    | 1,870   | 1.34   | 2,910   | 1.86   | 3,870   | 2.34   |
| Dallas          | 1,050  | 1,010   | 1.26   | 1,870   | 1.84   | 2,910   | 2.54   | 3,870   | 3.19   |
| Detroit         | 1,014  | 1,050   | 1.54   | 1,930   | 2.62   | 3,020   | 3.95   | 4,000   | 5.15   |
| Kansas City*    | 1,040  | 1,020   | 1.33   | 1,880   | 2.12   | 2,940   | 3.05   | 3,900   | 3.88   |
| Los Angeles     | 1,100  | 960   | 1.18   | 1,780   | 1.66   | 2,780   | 2.20   | 3,690   | 2.67   |
| Memphis         | 980  | 1,080   | 1.39   | 2,000   | 2.26   | 3,120   | 3.27   | 4,140   | 3.83   |
| New Orleans     | 1,000  | 1,060   | 1.20   | 1,960   | 2.01   | 3,060   | 3.00   | 4,060   | 3.90   |
| Pittsburgh      | 1,115  | 950   | 1.00   | 1,760   | 1.06   | 2,740   | 1.64   | 3,640   | 2.18   |
| Salt Lake City* | 865  | 1,230   | 2.12   | 2,270   | 3.27   | 3,540   | 4.16   | 4,690   | 4.86   |
| San Francisco   | 1,150  | 920   | 1.06   | 1,700   | 1.45   | 2,660   | 1.92   | 3,530   | 2.32   |

| CITY            | Average Net Monthly Price    |  |  |  |                             |  |  |   |
|-----------------|------------------------------|--|--|--|-----------------------------|--|--|---|
|                 | Per Thousand Cubic Feet for— |  |  |  | Per Therm for—              |  |  |   |
|                 | Range Consuming 10.6 Therms  | Range and Water Heater (Manual Type) Consuming 19.6 Therms | Range and Automatic Water Heater Consuming 30.6 Therms | Range, Automatic Water Heater and Refrigerator Consuming 40.6 Therms | Range Consuming 10.6 Therms | Range and Water Heater (Manual Type) Consuming 19.6 Therms | Range and Automatic Water Heater Consuming 30.6 Therms | Range Automatic Water Heater and Refrigerator Consuming 40.6 Therms |
| Denver*         | \$1.70                       | \$1.41   | \$1.13   | \$0.98   | Cents 20.6                  | Cents 17.1   | Cents 13.7   | Cents 11.9  |
| Atlanta         | 1.65                         | 1.35   | 1.21   | 1.06   | 16.8                        | 13.8   | 12.3   | 10.8  |
| Butte           | 0.89                         | 0.69   | 0.60   | 0.57   | 10.5                        | 8.1  | 7.1  | 6.7   |
| Cleveland       | 1.15                         | 0.88   | 0.76   | 0.71   | 10.5                        | 8.0  | 6.9  | 6.4   |
| Columbus        | 0.90                         | 0.71   | 0.64   | 0.60   | 8.5                         | 6.8  | 6.1  | 5.8   |
| Dallas          | 1.25                         | 0.98   | 0.87   | 0.82   | 11.9                        | 9.4  | 8.3  | 7.9   |
| Detroit         | 1.47                         | 1.36   | 1.31   | 1.29   | 14.6                        | 13.4   | 12.9   | 12.7  |
| Kansas City*    | 1.31                         | 1.13   | 1.04   | 1.00   | 12.6                        | 10.8   | 10.0   | 9.6   |
| Los Angeles     | 1.23                         | 0.93   | 0.79   | 0.72   | 11.2                        | 8.5  | 7.2  | 6.6   |
| Memphis         | 1.28                         | 1.13   | 1.05   | 0.92   | 13.1                        | 11.5   | 10.7   | 9.4   |
| New Orleans     | 1.14                         | 1.03   | 0.98   | 0.96   | 11.4                        | 10.3   | 9.8  | 9.6   |
| Pittsburgh      | 1.05                         | 0.60   | 0.60   | 0.60   | 9.4                         | 5.4  | 5.4  | 5.4   |
| Salt Lake City* | 1.72                         | 1.44   | 1.17   | 1.04   | 20.0                        | 16.7   | 13.6   | 12.0  |
| San Francisco   | 1.15                         | 0.85   | 0.72   | 0.66   | 10.0                        | 7.4  | 6.3  | 5.7   |

\*Prices include 2 per cent sales tax.

## Postoffices and Postal Operations

### Names and Location of Colorado Postoffices, Receipts, Money Orders Issued and Paid, Postal Savings, Highest Postoffice

THE operations of the federal post-office department in Colorado constitute the most all-inclusive service and one of the largest businesses in the state. There were 632 postoffices in Colorado on July 1, 1941, serving as many cities, towns and villages, and 309 rural routes covering 14,902 miles, through which practically every person and community in the state is served with postal facilities. All means of transportation from horses to airplanes are used in this service.

The operation and maintenance of this vast network of postal facilities costs in excess of \$5,000,000 annually and gives employment to 2,500 to 3,000 persons. Receipts from all sources run around \$7,000,000 a year and include the revenue from the sale of 1-cent postage stamps to charges of several hundred dollars per item for the transportation of money, securities, merchandise and commodities running up into millions of dollars in value. The operations require an intricate and expert organization to perform a multitude of services, from the prompt delivery of a postcard to the protection of the public from the fraudulent use of the mails and the safety of all matter committed to its charge.

There is published herewith a summary of postoffices and postal operations in Colorado for fiscal years ending June 30. It shows the number of postoffices by classes, the number and mileage of rural routes, gross receipts, principal expenses, the number and value of domestic and foreign money orders issued and paid and a resume of second-class mail handled by the department in the state.

Domestic money orders paid annually in Colorado postoffices consistently exceed in number and value those issued. In the fiscal year of 1941 there were 2,770,757 domestic orders of a value of \$23,787,385 issued against 3,196,714 of a value of \$27,840,850 paid, indicating that the flow of money through this channel into the state was \$4,053,465 greater than the amount outbound.

The figures on international money orders do not indicate any large volume of money moving out of Colorado into foreign countries. The

amount has decreased from \$140,727 in 1937 to only \$47,839 in 1941. Money from foreign countries flowing into Colorado is nominal and amounted to only \$3,988 in 1941.

The postoffices also provide facilities for the saving of small sums regularly by the people through the purchase of postal savings stamps, savings deposits and the sale of government savings bonds. The deposits received run from \$14,000,000 to \$15,000,000 annually, and the balance to the credit of depositors averages close to \$19,000,000. An accompanying table gives a summary of postal savings operations in the state by fiscal years.

A table published elsewhere gives a list of government-owned postoffice buildings in the state, with the cost of the sites and buildings and their location.

Postal receipts are considered indicative of business trends. Through the co-operation of the postoffice department and the postmasters the Planning commission makes an annual canvass of receipts for calendar years.

An accompanying table gives the names of all first and second class postoffices in the state, with receipts by calendar years and another table shows all of the third and fourth class offices and the counties in which they are located as of January 1, 1942.

Another table gives a summary of receipts by calendar years distributed as to receipts by first and second class and third and fourth class postoffices in the state with yearly totals for all offices and percentages of increase or decrease.

#### HIGHEST POSTOFFICE

The town of Climax in Lake county has the distinction of being the highest postoffice in Colorado. Its elevation is 11,465 feet. Marshall Pass, in Saguache county, with an elevation of 10,846 feet, ranks second, and Milner, at the summit of Milner pass, a new postoffice established in 1937, with an altitude of 10,759 feet, ranks third. Top-of-the-World, at Corona pass, altitude 11,660 feet, once held the record, but the postoffice was discontinued when the Moffat tunnel was placed in operation. The highest postoffice in the world is at Gyantse, Tibet.

**POSTOFFICES AND POSTAL OPERATIONS: SUMMARY FOR COLORADO, BY FISCAL YEARS ENDING JUNE 30**

(Source: Reports of the Postmaster General)

|  | 1941         | 1940         | 1939         | 1938         | 1937         |
|--|--------------|--------------|--------------|--------------|--------------|
| <b>Postoffices (number):</b>                           |              |              |              |              |              |
| First class.....                                       | 10           | 10           | 9            | 9            | 9            |
| Second class.....                                      | 47           | 47           | 49           | 49           | 47           |
| Third class.....                                       | 128          | 125          | 123          | 122          | 123          |
| Fourth class.....                                      | 447          | 455          | 463          | 471          | 481          |
| Total .....  | 632          | 637          | 644          | 651          | 660          |
| <b>Rural routes:</b>                                   |              |              |              |              |              |
| Number .....   | 309          | 310          | 313          | 321          | 330          |
| Mileage .....  | 14,902       | 14,865       | 14,889       | 15,198       | 15,348       |
| Gross postal receipts.....                             | \$ 7,623,408 | \$ 7,158,048 | \$ 7,054,179 | \$ 6,931,780 | \$ 6,871,956 |
| <b>Principal expenses:</b>                             |              |              |              |              |              |
| Compensation to postmasters .....                      | 642,557      | 652,050      | 659,244      | 657,937      | 653,869      |
| Clerical services.....                                 | 1,941,266    | 1,876,524    | 1,840,000    | (1)          | (1)          |
| City, village and special delivery service.....        | 1,489,625    | 1,421,818    | 1,386,422    | 1,284,907    | 1,234,002    |
| Rural delivery service..                               | 834,416      | 837,779      | 843,504      | 862,173      | 885,039      |
| Collection, transportation and delivery of mail....    | 216,665      | 214,809      | 207,894      | (1)          | (1)          |
| Rent, light, fuel, water and miscellaneous items ..... | 86,037       | 89,499       | 92,576       | (1)          | (1)          |
| Maintenance and operations, public buildings           | 211,945      | 196,895      | 187,550      | (1)          | (1)          |
| <b>Money orders issued:</b>                            |              |              |              |              |              |
| <b>Domestic:</b>                                       |              |              |              |              |              |
| Number .....   | 2,770,757    | 2,669,685    | 2,683,765    | 2,680,947    | 2,598,071    |
| Value .....  | \$23,787,385 | \$22,924,697 | \$23,019,170 | \$23,871,055 | \$23,284,115 |
| <b>International:</b>                                  |              |              |              |              |              |
| Number .....   | 5,424        | 8,333        | 10,722       | 10,808       | 11,806       |
| Value .....  | \$ 47,839    | \$ 79,197    | \$ 113,458   | \$ 123,489   | \$ 140,727   |
| <b>Money orders paid:</b>                              |              |              |              |              |              |
| <b>Domestic:</b>                                       |              |              |              |              |              |
| Number .....   | 3,196,714    | 3,079,145    | 3,090,828    | 3,048,426    | 3,078,360    |
| Value .....  | \$27,840,850 | \$26,375,225 | \$26,460,437 | \$27,471,943 | \$27,401,641 |
| <b>International:</b>                                  |              |              |              |              |              |
| Number .....   | 327          | 710          | 1,430        | 1,523        | 1,538        |
| Value .....  | \$ 3,988     | \$ 8,956     | \$ 18,535    | \$ 22,884    | \$ 24,086    |
| <b>Second-class mail (in pounds):</b>                  |              |              |              |              |              |
| <b>Subscribers' copies:</b>                            |              |              |              |              |              |
| Free in county.....                                    | 541,638      | 559,379      | 577,504      | 604,194      | 603,126      |
| At pound rates.....                                    | 10,901,435   | 10,725,955   | 10,414,649   | 10,359,209   | 10,693,519   |
| Sample copies at pound rates .....                     | 18,641       | 18,987       | 23,394       | 27,733       | 32,547       |
| Total pounds.....                                      | 11,461,714   | 11,304,321   | 11,015,547   | 10,991,136   | 11,329,192   |
| Postage collected.....                                 | \$ 195,122   | \$ 191,498   | \$ 181,531   | \$ 179,686   | \$ 185,454   |

(1) Not segregated.

**POSTOFFICES AND POSTAL OPERATIONS: TOTAL RECEIPTS OF FIRST AND SECOND CLASS POSTOFFICES IN COLORADO, BY CALENDAR YEARS**

|                        | 1941               | 1940               | 1939               | 1938               | 1937               | 1936               |
|------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Akron .....            | \$ 10,697          | \$ 10,636          | \$ 10,863          | \$ 11,025          | \$ 11,839          | \$ 10,660          |
| Alamosa .....          | 41,355             | 41,686             | 40,363             | 39,959             | 38,235             | 36,348             |
| Arvada .....           | 13,270             | 12,154             | 11,473             | 11,337             | 11,610             | 11,285             |
| Boulder .....          | 118,488            | 115,558            | 112,613            | 111,466            | 109,137            | 103,430            |
| Brighton .....         | 20,115             | 19,069             | 17,612             | 18,795             | 17,098             | 17,472             |
| Brush .....            | 15,083             | 14,494             | 14,789             | 14,949             | 15,567             | 14,842             |
| Burlington .....       | 12,442             | 11,889             | 11,901             | 12,328             | 11,792             | 13,081             |
| Canon City.....        | 42,259             | 41,457             | 38,941             | 41,070             | 41,621             | 38,573             |
| Cheyenne Wells.....    | 10,774             | 9,587              | 9,510              | 9,697              | 3,494              | 10,636             |
| Colorado Springs.....  | 353,587            | 355,465            | 340,746            | 354,522            | 352,062            | 326,434            |
| Craig .....            | 17,772             | 17,445             | 16,117             | 15,034             | 14,387             | 14,874             |
| Cripple Creek.....     | 9,533              | 10,140             | 9,790              | 9,641              | 10,144             | 11,596             |
| Delta .....            | 27,195             | 25,907             | 25,167             | 25,252             | 25,610             | 25,119             |
| Denver .....           | 1,804,480          | 4,423,323          | 4,203,758          | 4,076,744          | 4,160,987          | 3,886,872          |
| Durango .....          | 46,024             | 45,453             | 44,630             | 42,005             | 40,498             | 37,430             |
| Estes Park.....        | 25,659             | 24,414             | 22,350             | 21,090             | 20,609             | 16,330             |
| Florence .....         | 20,933             | 22,326             | 21,474             | 20,375             | 18,808             | 17,065             |
| Fort Collins.....      | 91,104             | 91,752             | 86,273             | 85,360             | 83,986             | 78,390             |
| Fort Lupton.....       | 10,364             | 9,991              | 9,455              | 9,464              | 9,478              | 8,662              |
| Fort Morgan.....       | 30,096             | 29,670             | 29,261             | 28,001             | 28,962             | 27,646             |
| Glenwood Springs.....  | 23,236             | 22,834             | 21,964             | 21,543             | 21,682             | 20,589             |
| Golden .....           | 30,572             | 27,387             | 28,039             | 24,896             | 23,668             | 21,700             |
| Grand Junction.....    | 118,923            | 114,223            | 109,356            | 108,279            | 105,814            | 97,504             |
| Greeley .....          | 112,128            | 107,829            | 102,158            | 101,552            | 102,783            | 101,554            |
| Gunnison .....         | 20,525             | 20,064             | 18,850             | 19,945             | 19,152             | 18,553             |
| Holly .....            | (2)                | (2)                | (2)                | (2)                | 7,325              | 7,581              |
| Holyoke .....          | 11,114             | 10,052             | 9,709              | 9,625              | 9,991              | 10,179             |
| Idaho Springs.....     | 14,008             | 13,200             | 12,929             | 12,797             | 15,170             | 15,767             |
| Julesburg .....        | 12,233             | 11,882             | 11,733             | 12,366             | 11,515             | 11,194             |
| La Junta.....          | 43,895             | 41,167             | 39,817             | 39,893             | 41,192             | 36,570             |
| Lamar .....            | 33,399             | 31,826             | 30,236             | 29,488             | 30,287             | 30,248             |
| Las Animas.....        | 18,512             | 17,926             | 15,616             | 15,587             | 16,109             | 15,505             |
| Leadville .....        | 23,876             | 26,511             | 22,881             | 25,794             | 26,319             | 23,363             |
| Limon .....            | 9,739              | 9,518              | 9,564              | 9,599              | 9,568              | (1)                |
| Littleton .....        | 26,569             | 26,052             | 27,399             | 25,102             | 24,568             | 23,821             |
| Longmont .....         | 39,261             | 38,427             | 35,908             | 33,937             | 33,930             | 31,108             |
| Loveland .....         | 29,288             | 28,361             | 28,159             | 27,453             | 26,688             | 26,066             |
| Manitou Springs .....  | 13,950             | 14,478             | 15,202             | 16,488             | 15,585             | 16,782             |
| Meeker .....           | 10,916             | 10,904             | 10,467             | 10,117             | 9,931              | 9,843              |
| Monte Vista.....       | 25,194             | 25,188             | 24,338             | 24,404             | 22,043             | 21,426             |
| Montrose .....         | 35,827             | 35,628             | 34,529             | 33,675             | 32,350             | 30,330             |
| Paonia .....           | 12,014             | 12,078             | 12,030             | 12,348             | 11,657             | 11,320             |
| Pueblo .....           | 301,495            | 285,799            | 277,267            | 280,157            | 291,181            | 269,795            |
| Rifle .....            | 11,182             | 10,973             | 11,075             | 11,117             | 10,856             | 10,010             |
| Rocky Ford.....        | 27,799             | 25,106             | 24,824             | 25,398             | 25,755             | 23,961             |
| Salida .....           | 25,757             | 26,144             | 26,689             | 26,166             | 25,434             | 23,881             |
| Springfield .....      | 11,299             | 11,168             | 11,027             | 10,230             | 9,965              | 11,316             |
| Steamboat Springs..... | 17,842             | 16,950             | 16,307             | 15,852             | 15,281             | 14,806             |
| Sterling .....         | 47,865             | 46,441             | 45,651             | 46,163             | 47,716             | 44,609             |
| Trinidad .....         | 67,984             | 63,421             | 64,569             | 66,880             | 65,804             | 59,644             |
| Victor .....           | (3)                | (3)                | (3)                | (3)                | (3)                | *10,563            |
| Walsenburg .....       | 25,410             | 25,287             | 24,500             | 23,691             | 24,348             | 21,862             |
| Wray .....             | 14,842             | 14,946             | 15,567             | 14,832             | 15,156             | 12,749             |
| Yuma .....             | 11,166             | 10,691             | 10,186             | 10,707             | 10,938             | 10,937             |
| <b>Total .....</b>     | <b>\$6,949,080</b> | <b>\$6,514,877</b> | <b>\$6,225,632</b> | <b>\$6,104,195</b> | <b>\$6,185,685</b> | <b>\$5,801,911</b> |

(1) No report.

(2) Changed to third class 1937.

(3) Changed to third class July 1, 1937.

\*Changed to second class July 1, 1936.

**POSTOFFICES AND POSTAL OPERATIONS: TOTAL RECEIPTS OF FIRST AND SECOND AND THIRD AND FOURTH CLASS POSTOFFICES IN COLORADO, BY CALENDAR YEARS**

| YEAR | First and Second Class Offices | Third and Fourth Class Offices | Total All Offices |         |
|------|--------------------------------|--------------------------------|-------------------|---------|
|      |                                |                                | Amount            | % Incr. |
| 1925 | \$4,837,745                    | \$ 764,235                     | \$5,601,980       | ...     |
| 1926 | 5,301,024                      | 729,681                        | 6,030,705         | 7.1     |
| 1927 | 5,608,286                      | 709,200                        | 6,317,486         | 4.5     |
| 1928 | 5,700,006                      | 684,508                        | 6,384,514         | 1.0     |
| 1929 | 6,060,555                      | 714,966                        | 6,775,521         | 5.8     |
| 1930 | 5,920,741                      | 641,278                        | 6,562,019         | -3.2    |
| 1931 | 5,334,234                      | 601,802                        | 5,936,036         | -9.5    |
| 1932 | 4,889,005                      | 548,272                        | 5,437,277         | -8.4    |
| 1933 | 4,127,139                      | 601,315                        | 4,728,454         | -13.0   |
| 1934 | 4,307,703                      | 688,020                        | 4,995,723         | 5.3     |
| 1935 | 5,324,549                      | 760,883                        | 6,085,432         | 17.9    |
| 1936 | 5,801,911                      | 781,908                        | 6,583,819         | 7.6     |
| 1937 | 6,185,685                      | 772,380                        | 6,958,065         | 5.4     |
| 1938 | 6,104,195                      | 759,550                        | 6,863,745         | -1.4    |
| 1939 | 6,225,632                      | 743,056                        | 6,968,688         | 1.5     |
| 1940 | 6,514,877                      | 750,453                        | 7,265,330         | 4.1     |
| 1941 | 6,949,080                      | 769,713                        | 7,718,793         | 5.9     |

**POSTAL SAVINGS: OPERATIONS OF THE POSTAL SAVINGS SYSTEM IN COLORADO, BY FISCAL YEARS ENDING JUNE 30**

(Source: Postmaster General)

Note—There were 37,767 depositors in the federal postal savings system in Colorado on June 30, 1941, with deposits aggregating \$19,098,110. Deposits were received at 124 offices in the state. The average principal per depositor was \$505.68; the number of depositors 34 per 1,000 population; and the amount of deposits per 1,000 population was \$17,002.

| Year | Balance to Credit of Depositors Beginning of Year | Deposits Received | Withdrawals  | Balance to Credit of Depositors at End of Year | Increase in Balances to the Credit of Depositors | Interest Paid Depositors |
|------|---|-------------------|--------------|--|--|--------------------------|
| 1937 | \$17,117,016                                      | \$15,311,958      | \$13,913,435 | \$18,515,539                                   | \$ 1,398,523                                     | \$285,935.40             |
| 1938 | 18,515,539  | 14,638,248        | 14,519,072   | 18,634,715                                     | 119,176  | 314,953.90               |
| 1939 | 18,634,715  | 14,254,820        | 14,009,969   | 18,879,566                                     | 244,851  | 321,125.92               |
| 1940 | 18,879,566  | 14,285,508        | 14,067,664   | 19,097,410                                     | 217,844  | 328,061.97               |
| 1941 | 19,097,410  | 13,987,470        | 13,986,770   | 19,098,110                                     | 700  | 347,265.45               |

## THIRD AND FOURTH CLASS POSTOFFICES

(Corrected to January 1, 1942)

| Postoffice                             | County      | Postoffice                              | County      | Postoffice  | County      |
|--|-------------|---|-------------|---|-------------|
| Abarr                                  | Yuma        | Cameo                                   | Mesa        | Elder   | Baca        |
| Ackmen                                 | Montezuma   | Campo <sup>2</sup>                      | Baca        | Edwards   | Eagle       |
| Adams City                             | Adams       | Capulin                                 | Conejos     | Eggers  | Larimer     |
| <sup>3</sup> Adena <sup>2</sup>        | Morgan      | <sup>3</sup> Carbondale <sup>2</sup>    | Garfield    | Egnar   | San Miguel  |
| Agate                                  | Elbert      | Carlton                                 | Prowers     | Elba  | Washington  |
| Aguilars <sup>2</sup>                  | Las Animas  | Carr                                    | Weld        | Elbert <sup>2</sup>                                       | Elbert      |
| Alamo                                  | Huerfano    | Cascade                                 | El Paso     | Eldora <sup>4</sup>                                       | Boulder     |
| Alcreek                                | Las Animas  | Castle Rock <sup>2</sup>                | Douglas     | Eldorado Springs  | Boulder     |
| Allenspark                             | Boulder     | Cedar                                   | San Miguel  | Elizabeth <sup>2</sup>                                    | Elbert      |
| Allison                                | La Plata    | <sup>3</sup> Cedaredge <sup>2</sup>     | Delta       | Elk Springs   | Moffat      |
| Alma <sup>2</sup>                      | Park        | Cedarwood                               | Pueblo      | Emma  | Pitkin      |
| Almont                                 | Gunnison    | Center <sup>2</sup>                     | Saguache    | Empire <sup>2</sup>                                       | Clear Creek |
| Amherst                                | Phillips    | <sup>3</sup> Central City <sup>2</sup>  | Gilpin      | <sup>3</sup> Englewood <sup>2</sup> (Branch of<br>Denver) | Arapahoe    |
| Amity                                  | Prowers     | Chama                                   | Costilla    | Erie <sup>2</sup>   | Weld        |
| Amy                                    | Lincoln     | Chandler                                | Fremont     | Escalante Forks   | Mesa        |
| Andrix                                 | Las Animas  | Cheneycenter                            | Prowers     | <sup>2</sup> Eureka <sup>2</sup>                          | San Juan    |
| Antlers                                | Garfield    | Cheraw                                  | Otero       | Evans   | Weld        |
| Anton                                  | Washington  | Chipita Park <sup>1</sup>               | El Paso     | Evergreen <sup>2</sup>                                    | Jefferson   |
| <sup>3</sup> Antonito <sup>2</sup>     | Conejos     | Chivington                              | Kiowa       |   |             |
| <sup>3</sup> Arapahoe <sup>2</sup>     | Cheyenne    | Chromo                                  | Archuleta   |   |             |
| Arboles                                | Archuleta   | Cimarron                                | Montrose    | Fairplay <sup>2</sup>                                     | Park        |
| Arickaree                              | Washington  | Clark                                   | Routt       | Falcon  | El Paso     |
| Arlington                              | Kiowa       | <sup>2</sup> Clifton <sup>2</sup>       | Mesa        | Falfa   | La Plata    |
| Armel                                  | Yuma        | Climax <sup>2</sup>                     | Lake        | Fall Creek  | San Miguel  |
| Arova                                  | Cheyenne    | Coal Creek <sup>2</sup>                 | Fremont     | Farisita  | Huerfano    |
| Arriba <sup>2</sup>                    | Lincoln     | Coaldale                                | Fremont     | Farr  | Huerfano    |
| <sup>3</sup> Aspen <sup>2</sup>        | Pitkin      | Coalmont                                | Jackson     | Firestone   | Weld        |
| Association Camp <sup>4</sup>          | Larimer     | Cokedale                                | Las Animas  | Firstview   | Cheyenne    |
| Atchee <sup>4</sup>                    | Garfield    | <sup>2</sup> Collbran <sup>2</sup>      | Mesa        | Fitzsimons <sup>2</sup>                                   | Adams       |
| Atwood                                 | Logan       | Colona                                  | Ouray       | Flagler <sup>2</sup>                                      | Kit Carson  |
| <sup>3</sup> Ault <sup>2</sup>         | Weld        | Columbine                               | Routt       | Fleming <sup>2</sup>                                      | Logan       |
| Aurora                                 | Arapahoe    | Como <sup>2</sup>                       | Park        | Florissant  | Teller      |
| (Denver Branch P. O.) <sup>5</sup>     | Arapahoe    | Conejos                                 | Conejos     | Fondis  | Elbert      |
|  |             | Cope <sup>2</sup>                       | Washington  | Forder  | Lincoln     |
| Austin <sup>2</sup>                    | Delta       | Copper Spur                             | Eagle       | Fort Garland  | Costilla    |
| Avalo                                  | Weld        | Cornish                                 | Weld        | Fort Logan <sup>2</sup>                                   | Arapahoe    |
| Avon                                   | Eagle       | Cortez <sup>2</sup>                     | Montezuma   | Fort Lyon <sup>2</sup>                                    | Bent        |
| Avondale                               | Pueblo      | Cory                                    | Delta       | Fountain <sup>2</sup>                                     | El Paso     |
| Axial                                  | Moffat      | <sup>2</sup> Colopaxi <sup>2</sup>      | Fremont     | <sup>3</sup> Fowler <sup>2</sup>                          | Otero       |
|  |             | Cowdrey                                 | Jackson     | Foxton  | Jefferson   |
| Bailey                                 | Park        | Cragmor                                 | El Paso     | Franktown   | Douglas     |
| Baldwin                                | Gunnison    | <sup>2</sup> Crawford <sup>2</sup>      | Delta       | Fraser <sup>2</sup>                                       | Grand       |
| Barr Lake                              | Adams       | <sup>2</sup> Creede <sup>2</sup>        | Mineral     | <sup>3</sup> Frederick <sup>2</sup>                       | Weld        |
| Basalt <sup>2</sup>                    | Eagle       | <sup>2</sup> Crested Butte <sup>2</sup> | Gunnison    | Frisco  | Summit      |
| <sup>3</sup> Bayfield <sup>2</sup>     | La Plata    | Crestone                                | Saguache    | <sup>3</sup> Fruita <sup>2</sup>                          | Mesa        |
| Bear River                             | Routt       | Critchell                               | Jefferson   |   |             |
| Bedrock                                | Montrose    | Crook <sup>2</sup>                      | Logan       | Galatea   | Kiowa       |
| Beecher Island                         | Yuma        | Cross Mountain                          | Moffat      | Galeton   | Weld        |
| Bellvue                                | Larimer     | Crowley <sup>2</sup>                    | Crowley     | Garcia  | Costilla    |
| Bennett <sup>2</sup>                   | Adams       | Cuchara Camps <sup>1</sup>              | Huerfano    | Gardner   | Huerfano    |
| Berthoud <sup>2</sup>                  | Larimer     | Cumbres                                 | Conejos     | Garfield  | Chaffee     |
| Bethune                                | Kit Carson  |   |             | Garo  | Park        |
| Beulah                                 | Pueblo      | Dacona                                  | Weld        | Gary  | Morgan      |
| Blackhawk <sup>2</sup>                 | Gilpin      | Dailey                                  | Logan       | Gateway   | Mesa        |
| Blanca <sup>2</sup>                    | Costilla    | Dalerose                                | Las Animas  | Genoa <sup>2</sup>  | Lincoln     |
| Bloom                                  | Otero       | <sup>3</sup> De Beque <sup>2</sup>      | Mesa        | <sup>2</sup> Georgetown <sup>2</sup>                      | Clear Creek |
| Bonanza <sup>2</sup>                   | Saguache    | <sup>3</sup> Deepecreek <sup>2</sup>    | Routt       | Gilcrest  | Weld        |
| Boncarbo                               | Las Animas  | Deertrail                               | Arapahoe    | Gill  | Weld        |
| Bond                                   | Eagle       | Delagua <sup>2</sup>                    | Las Animas  | Gilman <sup>2</sup>                                       | Eagle       |
| Boone <sup>2</sup>                     | Pueblo      | Delcarbon                               | Huerfano    | Glade Park  | Mesa        |
| Bovina                                 | Lincoln     | Delhi                                   | Las Animas  | Glendevey   | Larimer     |
| Bowie                                  | Delta       | <sup>3</sup> Del Norte <sup>2</sup>     | Rio Grande  | Glentivar   | Park        |
| Boyero                                 | Lincoln     | De Nova                                 | Washington  | Glen Haven  | Larimer     |
| Brandon                                | Kiowa       | Deora                                   | Baca        | Gold Hill   | Boulder     |
| Branson <sup>2</sup>                   | Las Animas  | Derby                                   | Adams       | Goodrich  | Morgan      |
| <sup>3</sup> Breckenridge <sup>2</sup> | Summit      | Dillon                                  | Summit      | Graft   | Baca        |
| Breen                                  | La Plata    | Divide                                  | Teller      | <sup>2</sup> Granada <sup>2</sup>                         | Prowers     |
| Briggsdale <sup>2</sup>                | Weld        | Dolores <sup>2</sup>                    | Montezuma   | Granby <sup>2</sup>                                       | Grand       |
| <sup>3</sup> Bristol <sup>2</sup>      | Prowers     | Dotsero                                 | Eagle       | <sup>2</sup> Grand Lake <sup>2</sup>                      | Grand       |
| Brodhead                               | Las Animas  | Dove Creek                              | Dolores     | Grand Mesa <sup>1</sup>                                   | Delta       |
| Brook Forest                           | Jefferson   | Doyleville                              | Gunnison    | <sup>2</sup> Grand Valley <sup>2</sup>                    | Garfield    |
| Brookvale                              | Clear Creek | Drake                                   | Larimer     | Granite   | Chaffee     |
| Broomfield                             | Boulder     | Dumont                                  | Clear Creek | Great Divide  | Moffat      |
| Buckingham <sup>2</sup>                | Weld        | Dunkley                                 | Routt       | Greenland   | Douglas     |
| <sup>3</sup> Buena Vista <sup>2</sup>  | Chaffee     | Dunton                                  | Dolores     | Green Mountain Falls                                      | El Paso     |
| Buffalo Creek                          | Jefferson   | Dupont                                  | Adams       | Greystone   | Moffat      |
| Buford                                 | Rio Blanco  | Dyke                                    | Archuleta   | Grover <sup>2</sup>                                       | Weld        |
| Burdett                                | Washington  |   |             | Guffey  | Park        |
| Burns                                  | Eagle       | <sup>3</sup> Eads <sup>2</sup>          | Kiowa       | Gulnare   | Las Animas  |
| <sup>3</sup> Byers <sup>2</sup>        | Arapahoe    | Eagle <sup>2</sup>                      | Eagle       | Gypsum <sup>2</sup>                                       | Eagle       |
|  |             | East Lake                               | Adams       |   |             |
|  |             | <sup>3</sup> Eaton <sup>2</sup>         | Weld        |   |             |
|  |             | Eckert <sup>2</sup>                     | Delta       | Hale  | Yuma        |
|  |             | Eckley <sup>2</sup>                     | Yuma        | Hamilton  | Moffat      |
|  |             | <sup>3</sup> Edgewater <sup>2</sup>     | Jefferson   | Hardin  | Weld        |
| Caddoa <sup>2</sup>                    | Bent        |   |             |   |             |
| Cahone                                 | Dolores     |   |             |   |             |
| Calhan <sup>2</sup>                    | El Paso     |   |             |   |             |

THIRD AND FOURTH CLASS POSTOFFICES—Continued  
(Corrected to January 1, 1942)

| Postoffice                          | County      | Postoffice                             | County     | Postoffice                               | County     |
|-------------------------------------|-------------|--|------------|--|------------|
| Harrisburg                          | Washington  | Lindon                                 | Washington | Overland Park                            | Denver     |
| <sup>8</sup> Hartman <sup>2</sup>   | Prowers     | Livermore                              | Larimer    | <sup>2</sup> Ovid <sup>2</sup>           | Sedgwick   |
| Hartsel                             | Park        | Lodore                                 | Moffat     | Oxford                                   | La Plata   |
| Hastings                            | Las Animas  | Logeabin                               | Larimer    | Padroni                                  | Logan      |
| Hasty                               | Bent        | Loma <sup>2</sup>                      | Mesa       | Pagoda                                   | Routt      |
| Haswell <sup>2</sup>                | Kiowa       | Longs Peak                             | Larimer    | Pagosa Junction                          | Archuleta  |
| Haxtun <sup>2</sup>                 | Phillips    | Loretto                                | Arapahoe   | <sup>2</sup> Pagosa Springs <sup>2</sup> | Archuleta  |
| Haybro                              | Routt       | <sup>3</sup> Louisville <sup>2</sup>   | Boulder    | <sup>3</sup> Palisade <sup>2</sup>       | Mesa       |
| <sup>3</sup> Hayden <sup>2</sup>    | Routt       | Louviers                               | Douglas    | Palmer Lake                              | El Paso    |
| Heeny                               | Summit      | Loyd                                   | Moffat     | Pando                                    | Eagle      |
| Henderson                           | Adams       | Lucerne                                | Weld       | Paoli                                    | Phillips   |
| Hereford                            | Weld        | Ludlow <sup>2</sup>                    | Las Animas | Paradox                                  | Montrose   |
| Hesperus <sup>2</sup>               | La Plata    | Lycan                                  | Baca       | Parkdale                                 | Fremont    |
| Hillrose <sup>2</sup>               | Morgan      | Lyons <sup>2</sup>                     | Boulder    | Parker                                   | Douglas    |
| Hillside                            | Fremont     |  |            | Parlin                                   | Gunnison   |
| Hill Top                            | Douglas     |  |            | Parshall                                 | Grand      |
| Hoehne                              | Las Animas  | McClave                                | Bent       | Patt                                     | Las Animas |
| Holly                               | Prowers     | McCoy                                  | Eagle      | Pawnee                                   | Morgan     |
| Home                                | Larimer     | McGregor                               | Routt      | Peetz <sup>2</sup>                       | Logan      |
| Homelake                            | Rio Grande  | McPhee <sup>2</sup>                    | Montezuma  | Penrose <sup>2</sup>                     | Fremont    |
| Hooper <sup>2</sup>                 | Alamosa     | <sup>3</sup> Mack <sup>2</sup>         | Mesa       | Pershing                                 | Routt      |
| <sup>3</sup> Hotchkiss <sup>2</sup> | Delta       | Maher                                  | Montrose   | Peyton                                   | El Paso    |
| Hot Sulphur Springs <sup>2</sup>    | Grand       | Maitland                               | Huerfano   | Phippsburg <sup>2</sup>                  | Routt      |
| Howard                              | Fremont     | Malta                                  | Lake       | Pierce                                   | Weld       |
| Hoyt                                | Morgan      | Manassa <sup>2</sup>                   | Conejos    | Pikeview                                 | El Paso    |
| Hudson <sup>2</sup>                 | Weld        | <sup>3</sup> Mancos <sup>2</sup>       | Montezuma  | Pine                                     | Jefferson  |
| Hughes                              | Yuma        | <sup>3</sup> Manzanola <sup>2</sup>    | Otero      | Pinecliff                                | Boulder    |
| <sup>3</sup> Hugo <sup>2</sup>      | Lincoln     | <sup>3</sup> Marble <sup>2</sup>       | Gunnison   | Pinnacle                                 | Routt      |
| Hygiene                             | Boulder     | Marshall Pass                          | Saguache   | Pitkin                                   | Gunnison   |
|                                     |             | Masonville                             | Larimer    | Placerville                              | San Miguel |
| Idalia                              | Yuma        | Masters                                | Weld       | Plainview                                | Jefferson  |
| Idledale                            | Jefferson   | <sup>3</sup> Matheson                  | Elbert     | Platteau City                            | Mesa       |
| Ignacio <sup>2</sup>                | La Plata    | Maybell                                | Moffat     | Platner                                  | Washington |
| Iliff                               | Logan       | Mead                                   | Weld       | <sup>3</sup> Platteville <sup>2</sup>    | Weld       |
| Independence <sup>2</sup>           | Teller      | Meredith                               | Pitkin     | Pleasant View                            | Montezuma  |
| Indian Hills                        | Jefferson   | Merino <sup>2</sup>                    | Logan      | Point Lookout                            | Montezuma  |
| Iola                                | Gunnison    | Mesa <sup>2</sup>                      | Mesa       | Poncha Springs <sup>2</sup>              | Chaffee    |
| Ione                                | Weld        | Mesa Verde National Park               | Montezuma  | Portland <sup>2</sup>                    | Fremont    |
| Jamestown                           | Boulder     | Mesita                                 | Costilla   | Powderhorn                               | Gunnison   |
| Jansen                              | Las Animas  | Messex                                 | Washington | Price Creek                              | Moffat     |
| Jarosa                              | Costilla    | Mildred                                | Yuma       | Pritchett <sup>2</sup>                   | Baca       |
| Jefferson                           | Park        | Milliken                               | Weld       | Proctor                                  | Logan      |
| Joes                                | Yuma        | Milner                                 | Routt      | Pryor                                    | Huerfano   |
| <sup>3</sup> Johnstown <sup>2</sup> | Weld        | Mindeman                               | Otero      | Purecell                                 | Weld       |
| Juniper Springs                     | Moffat      | Mineral Hot Spgs.                      | Saguache   |  |            |
|                                     |             | Minturn <sup>2</sup>                   | Eagle      |  |            |
| Karval                              | Lincoln     | Model                                  | Las Animas | Radium                                   | Grand      |
| Keensburg <sup>2</sup>              | Weld        | Moffat                                 | Saguache   | Ragged Mountain                          | Gunnison   |
| Kendrick                            | Lincoln     | Molina                                 | Mesa       | Rago                                     | Washington |
| Keota                               | Weld        | Montezuma                              | Summit     | Ramah <sup>2</sup>                       | El Paso    |
| Kersey                              | Weld        | Monument                               | El Paso    | Rand                                     | Jackson    |
| Kim <sup>2</sup>                    | Las Animas  | Morley                                 | Las Animas | Rangely                                  | Rio Blanco |
| Kings Canyon                        | Jackson     | Mosca                                  | Alamosa    | Rattlesnake Butte                        | Huerfano   |
| Kiowa <sup>2</sup>                  | Elbert      | <sup>3</sup> Mount Harris <sup>2</sup> | Routt      | Raven                                    | Garfield   |
| Kirk <sup>2</sup>                   | Yuma        | Mount Morrison <sup>2</sup>            | Jefferson  | Ravenwood                                | Huerfano   |
| Kit Carson <sup>2</sup>             | Cheyenne    | Mount Princeton                        | Hot        | Redcliff <sup>2</sup>                    | Eagle      |
| Kittredge                           | Jefferson   | Mount Princeton                        | Hot        | Red Feather Lakes                        | Larimer    |
| Kline                               | La Plata    | Springs                                | Chaffee    | Redmesa                                  | La Plata   |
| Kokomo <sup>2</sup>                 | Summit      | Mustang                                | Huerfano   | Redstone                                 | Pitkin     |
| Kremmling <sup>2</sup>              | Grand       | Mystic                                 | Routt      | Redvale                                  | Montrose   |
| Kutch                               | Elbert      |  |            | Red Wing                                 | Huerfano   |
|                                     |             | Nathrop                                | Chaffee    | Rico <sup>2</sup>                        | Doores     |
| <sup>3</sup> Lafayette <sup>2</sup> | Boulder     | Naturita <sup>2</sup>                  | Montrose   | Ridge                                    | Jefferson  |
| La Garita                           | Saguache    | <sup>3</sup> New Castle <sup>2</sup>   | Garfield   | <sup>3</sup> Ridgway <sup>2</sup>        | Ouray      |
| Laird                               | Yuma        | <sup>3</sup> New Raymer <sup>2</sup>   | Weld       | Riland                                   | Garfield   |
| <sup>2</sup> La Jara <sup>2</sup>   | Conejos     | Ninaview                               | Bent       | Rio Blanco                               | Rio Blanco |
| Lake City <sup>2</sup>              | Hinsdale    | Niwot                                  | Boulder    | River Bend                               | Elbert     |
| Lake George                         | Park        | North Avondale                         | Pueblo     | Rockvale <sup>2</sup>                    | Fremont    |
| Lakewood                            | Jefferson   | Northdale                              | Dolores    | Rockwood                                 | La Plata   |
| Laporte                             | Larimer     | <sup>3</sup> Norwood <sup>2</sup>      | San Miguel | Rozgen                                   | Weld       |
| Larkspur                            | Douglas     | <sup>3</sup> Nucla <sup>2</sup>        | Montrose   | Rollinsville                             | Gilpin     |
| La Salle <sup>2</sup>               | Weld        | Nunn <sup>2</sup>                      | Weld       | Romeo                                    | Conejos    |
| Lascar                              | Huerfano    |  |            | Rosita                                   | Custer     |
| La Veta <sup>2</sup>                | Huerfano    | <sup>3</sup> Oak Creek <sup>2</sup>    | Routt      | Routt                                    | Routt      |
| Lawson                              | Clear Creek | Officer                                | Las Animas | Rugby                                    | Las Animas |
| Lay                                 | Moffat      | Ohio                                   | Gunnison   | Rush                                     | El Paso    |
| Lazear <sup>2</sup>                 | Delta       | <sup>3</sup> Olathe <sup>2</sup>       | Montrose   | Russell Gulch                            | Gilpin     |
| Leader                              | Adams       | <sup>3</sup> Oley Springs <sup>2</sup> | Crowley    | <sup>3</sup> Rye                         | Pueblo     |
| Lebanon                             | Montezuma   | Ophir                                  | San Miguel |  |            |
| Leonard                             | San Miguel  | Orchard <sup>2</sup>                   | Morgan     | Saguache <sup>2</sup>                    | Saguache   |
| Lewis                               | Montezuma   | Ordway <sup>2</sup>                    | Crowley    | Saint Elmo                               | Chaffee    |
| Lily                                | Moffat      | Ortiz                                  | Conejos    | Sams                                     | San Miguel |
| Lime                                | Pueblo      | Otis <sup>2</sup>                      | Washington | San Acacio <sup>2</sup>                  | Costilla   |
| Lindland                            | Jackson     | <sup>3</sup> Ouray <sup>2</sup>        | Ouray      | Sanford <sup>2</sup>                     | Conejos    |
|                                     |             |  |            | San Isabel                               | Custer     |

THIRD AND FOURTH CLASS POSTOFFICES—Continued  
(Corrected to January 1, 1942)

| Postoffice                          | County      | Postoffice                          | County     | Postoffice                           | County     |
|-------------------------------------|-------------|-------------------------------------|------------|--------------------------------------|------------|
| San Luis <sup>2</sup>               | Costilla    | Tabernash <sup>2</sup>              | Grand      | Virginia Dale                        | Larimer    |
| San Pablo                           | Costilla    | Tacoma                              | La Plata   | Vona <sup>2</sup>                    | Kit Carson |
| Sapinero                            | Gunnison    | Tacony                              | Pueblo     | Vroman                               | Otero      |
| Sargentos                           | Saguache    | Tarryall                            | Park       | Wages                                | Yuma       |
| Sedalia                             | Douglas     | <sup>1</sup> Telluride <sup>2</sup> | San Miguel | Wagon Wheel Gap                      | Mineral    |
| Sedgwick <sup>2</sup>               | Sedgwick    | Tennessee Pass                      | Lake       | Waitley                              | Washington |
| Segundo                             | Las Animas  | Terco                               | Las Animas | Walden <sup>2</sup>                  | Jackson    |
| <sup>3</sup> Seibert <sup>2</sup>   | Kit Carson  | Texas Creek                         | Fremont    | Walsh <sup>2</sup>                   | Baca       |
| Serene                              | Weld        | Thatcher                            | Las Animas | Ward <sup>2</sup>                    | Boulder    |
| Severence                           | Weld        | Thurman                             | Washington | Watkins                              | Adams      |
| Shaw                                | Lincoln     | Tiffany                             | La Plata   | Waunita Hot Springs                  | Gunnison   |
| Shawnee                             | Park        | Tiger                               | Summit     | Weldona <sup>2</sup>                 | Morgan     |
| Sheephorn                           | Eagle       | Tigiwon <sup>4</sup>                | Eagle      | <sup>3</sup> Wellington <sup>2</sup> | Larimer    |
| Sheridan Lake                       | Kiowa       | Timath                              | Larimer    | <sup>3</sup> Westcliffe <sup>2</sup> | Custer     |
| Silcram                             | Pueblo      | Timpas                              | Otero      | Westminster                          | Adams      |
| Silt <sup>2</sup>                   | Garfield    | Tioga                               | Huerfano   | West Creek                           | Douglas    |
| Silver Cliff                        | Custer      | Tobe                                | Las Animas | Weston <sup>2</sup>                  | Las Animas |
| Silver Plume                        | Clear Creek | Tolland                             | Gilpin     | West Plains                          | Logan      |
| <sup>3</sup> Silverton <sup>2</sup> | San Juan    | Toltec                              | Huerfano   | Wetmore                              | Custer     |
| <sup>3</sup> Simla <sup>2</sup>     | Elbert      | Toponas                             | Routt      | Wheatridge <sup>2</sup>              | Jefferson  |
| Simpson                             | Adams       | Towaac                              | Montezuma  | Whitewater                           | Mesa       |
| Skull Creek                         | Moffat      | Towner                              | Kiowa      | <sup>3</sup> Wiggins <sup>2</sup>    | Morgan     |
| Skyway <sup>4</sup>                 | Mesa        | Trail Ridge <sup>4</sup>            | Larimer    | Wild Horse <sup>2</sup>              | Cheyenne   |
| Slater                              | Moffat      | Trinchera                           | Las Animas | Wiley <sup>2</sup>                   | Prowers    |
| Slick Rock                          | San Miguel  | Troublesome                         | Grand      | Willard                              | Logan      |
| Snowmass                            | Pitkin      | Trout Creek                         | Routt      | Willow Creek                         | Routt      |
| Snyder                              | Morgan      | Troutville                          | Eagle      | Winter Park                          | Grand      |
| Somerset <sup>2</sup>               | Gunnison    | Troy                                | Las Animas | <sup>3</sup> Windsor <sup>2</sup>    | Weld       |
| Sopris <sup>2</sup>                 | Las Animas  | Tungsten <sup>2</sup>               | Boulder    | Winnevieu                            | Arapahoe   |
| South Fork                          | Rio Grande  | Twin Lakes                          | Lake       | Wolcott                              | Eagle      |
| Spicer                              | Jackson     | Two Buttes <sup>2</sup>             | Baca       | Woodland Park <sup>2</sup>           | Teller     |
| <sup>3</sup> Spivak <sup>2</sup>    | Jefferson   | Tyrone                              | Las Animas | Woodman <sup>2</sup>                 | El Paso    |
| Starkville <sup>2</sup>             | Las Animas  | Ute                                 | Montrose   | Woodrow                              | Washington |
| Stone City                          | Pueblo      | Utleyville                          | Baca       | Woody Creek                          | Pitkin     |
| Stoneham                            | Weld        | Valdez                              | Las Animas | Yampa <sup>2</sup>                   | Routt      |
| Stoner                              | Montezuma   | Vallecito                           | La Plata   | Yellow Jacket                        | Montezuma  |
| Stonington <sup>2</sup>             | Baca        | Vallero                             | Las Animas | Yoder                                | El Paso    |
| <sup>3</sup> Strasburg <sup>2</sup> | Arapahoe    | Valleroso                           | Las Animas |                                      |            |
| <sup>3</sup> Stratton <sup>2</sup>  | Kit Carson  | Vanadium                            | San Miguel |                                      |            |
| Sugar City <sup>2</sup>             | Crowley     | Vernon                              | Yuma       |                                      |            |
| Sugar Loaf                          | Boulder     | <sup>3</sup> Victor <sup>2</sup>    | Teller     |                                      |            |
| Summitville                         | Rio Grande  | Vilas                               | Baca       |                                      |            |
| Sunbeam                             | Moffat      | Villagrove                          | Saguache   |                                      |            |
| Superior                            | Boulder     | Villagreen                          | Las Animas |                                      |            |
| Swallows                            | Pueblo      | Vim                                 | Weld       |                                      |            |
| <sup>3</sup> Swink <sup>2</sup>     | Otero       |                                     |            |                                      |            |

<sup>1</sup>Do not issue money orders.  
<sup>2</sup>International money order offices.  
<sup>3</sup>Postal Savings Depositories.  
<sup>4</sup>Summer offices.  
<sup>5</sup>Classified station or branch.

## Governmental Revenues and Cost Payments

Disbursements of State and Political Sub-divisions, State Income and Outgo by Sources and Purposes, Disbursements for Departments, Boards and Bureaus

THE exact amount of money collected from the people of Colorado in the form of taxes and from permits, licenses and fees of all kinds is difficult to determine for any given period because of the variety of collecting agencies representing different civil divisions and subdivisions, lack of uniformity in fiscal years, and the interlocking of funds. Problems of a like nature also are encountered in arriving at the total cost of conducting the various units of government.

The first complete inquiry covering financial operations of all divisions of government was made by the bureau of the census for the year 1932. Included in its data for Colorado were

the state government, the 63 counties, the 232 cities and towns, the 2,052 school districts and approximately 66 other civil divisions (conservancy, drainage, irrigation and tunnel districts), or a total of 2,414 political units that have the power to levy taxes or incur debt. No survey of a similar nature has been made since 1932. The bureau did, however, resume its annual survey of the revenues and disbursements of state governments under a uniform classification in 1937 to which reference is made hereafter.

The 1932 survey revealed total revenue receipts from all sources for all civil divisions amounting to \$84,778,775, distributed as follows:

|                         | Amounts      | Per Cent of Total |
|-------------------------|--------------|-------------------|
| State government.....   | \$21,880,061 | 25.8              |
| Counties .....          | 15,269,190   | 18.0              |
| Cities and towns.....   | 22,904,309   | 27.0              |
| School districts.....   | 22,947,111   | 27.1              |
| Other civil divisions.. | 1,778,104    | 2.1               |
| Total .....             | \$84,778,775 | 100.0             |

The governmental-cost payments of the 2,414 political units for 1932 were \$84,570,156, distributed as follows:

|                         | Amounts      | Per Cent of Total |
|-------------------------|--------------|-------------------|
| State government.....   | \$21,445,900 | 25.4              |
| Counties .....          | 15,150,793   | 17.9              |
| Cities and towns.....   | 23,113,870   | 27.3              |
| School districts.....   | 23,733,332   | 28.1              |
| Other civil divisions.. | 1,126,261    | 1.3               |
| Total .....             | \$84,570,156 | 100.0             |

General property taxes yielded \$44,887,205 of the \$84,778,061 total revenues, or 52.9 per cent. The remaining 47.1 per cent came from special taxes, such as inheritance, gasoline and automobile taxes, from earnings of departments, earnings of public service enterprises, federal grants, fines, forfeits and escheats, highway privileges, rents and interest, and special assessments. The distribution of general-property-tax levies, as shown in the 1932 survey, is as follows:

|                       | Amounts      | Per Cent of Total |
|-----------------------|--------------|-------------------|
| State government..... | \$ 5,074,031 | 11.3              |
| Counties .....        | 11,094,053   | 24.7              |
| Cities and towns..... | 10,865,126   | 24.2              |
| School districts..... | 17,853,995   | 39.8              |
| Total .....           | \$44,887,205 | 100.0             |

The per capita cost of all governmental units in Colorado in 1932 was \$80.85, which compares with \$76.80 for all units in the United States outside of the federal government, or \$4.05 per capita higher than the average. The gross debt, less sinking funds, was \$123.81 per capita, as against \$141.17 for the United States.

An annual report on the financial statistics of states formerly made by the bureau of the census through audits of states' books was discontinued in 1932, its last report being for that year. This survey was resumed in 1938, the first report being for the year 1937. A table published herewith shows the financial statistics for Colorado for 1937, 1938, 1939 and 1940 based on these audits. Due to changes in the form of classifications, the 1932 figures are not comparable with those for subsequent years, but certain deductions therefrom are given later in this chapter.

Comparability is possible only when data are uniformly classified. The bureau of the census explicitly calls attention to this incomparability between its data and that of the states in the following explanation: "The bureau has compiled the data for each state according to uniform classifications of revenues, expenditures and indebtedness, so far as possible. In compiling the statistics for any state, therefore, extensive reclassification of data in the state's record may be necessary. For this reason it is not possible in all cases to identify in the bureau's publication the various items appearing in the state's report."

In accordance with that explanation it may be pointed out, as examples, that the state report for Colorado shows receipts in 1937 of \$15,000,000 from the sale of highway anticipation warrants. This item does not appear in the census report under its classification because it includes under revenues only money or other wealth placed to the credit of a governmental unit for governmental purposes, under such conditions that it increases the assets without increasing the debt liability. Likewise in the state's report of disbursements is an item of \$2,296,000 covering the unemployment clearing account, money which neither increases nor decreases the state's assets. These examples are cited to point out why the separate reports are not comparable.

A comparison of the state's finances in 1940 with 1937 shows a wide change in the four-year period. Total revenue, including taxes and non-tax income, and excluding local shares of state-collected taxes, showed an increase of 31 per cent. Taxes increased 28.9 per cent and non-tax income 34.7 per cent. The increase in taxes was accounted for, in part, by income taxes, which amounted to \$3,109,000 in 1940 with none collected in 1937. General property taxes were 32.9 per cent higher in 1940 than in 1937. The gain in non-tax income came principally from an increase of 44.6 per cent in grants from the federal government for public assistance.

Current cost-payments were 26.1 per cent greater in 1940 than in 1937. The largest item contributing to this increase was the payment of \$3,842,000 in unemployment compensation benefits in 1940, there being none in 1937, the payments beginning on January 1, 1939. Grants to local units for charities under public welfare gained 95.8 per cent for the period. School grants to local units increased 59.1 per cent.

General administrative, legislative and judicial cost-payments increased only 7.1 per cent.

Capital outlays decreased 53.8 per cent in 1940 as compared with 1937. This was due principally to the building program for state institutions. Gross debt decreased 3.5 per cent and the net debt 4.1 per cent in the period.

Colorado's standing among the states of the Union on a per capita basis in 1939 compares as follows: total revenue, exclusive of bonds sold, was \$47 per capita for Colorado as compared with \$36.54 for all states combined, Colorado ranking sixth among the states; total cost-payments for the operation of all major functions, Colorado, \$34.81 per capita, all states combined, \$27.58, Colorado ranking 11th among the states; net debt (gross debt less sinking funds), Colorado, \$26.65 per capita; all states combined, \$19.28, Colorado ranking 14th.

The change in the classification of material in the new series of reports beginning with 1937 does not permit of a direct comparison with former years. However, there are certain per capita figures available which will indicate

the trend between 1932 and 1938. The per capita revenue for Colorado in 1938 was \$44.77 as against \$20.92 in 1932, and of cost-payments for operation were \$36.84 in 1938, compared with \$13.47 per capita in 1932. The net debt was \$27.38 per capita in 1938 and \$5.68 in 1932. Levies for general property taxes for the respective years were \$4.56 and \$4.85 per capita.

Published herewith are the following tables regarding state finances:

Revenues collected by the state, by source, outgo for all purposes, and state debt for fiscal years 1940, 1939, 1938 and 1937, as reported by the bureau of the census.

Disbursements for all boards, bureaus, commissions and institutions, for fiscal year ending June 30, 1939, as reported by the public examiner.

Disbursements for all boards, bureaus, commissions and institutions, by fiscal year.

Further details concerning receipts and expenditures of state educational, penal and eleemosynary institutions will be found in the chapter "Institutions."

#### STATE GOVERNMENT: DISBURSEMENTS FOR ALL DEPARTMENTS, BOARDS, BUREAUS, COMMISSIONS AND INSTITUTIONS OF THE STATE, BY FISCAL YEARS

Note—This table is compiled from the reports of the Public Examiner for fiscal years ending November 30 down to and including 1928 and for fiscal years ending June 30 thereafter. Amounts listed under "Miscellaneous" principally are for items in which the state has no equity. These include apportionments to counties, cities and towns, such as old age pensions, official state relief, motor fuel and motor vehicle taxes, teachers' minimum salary taxes, firemen's and policemen's pensions, etc.; state highway aid to counties, federal forest service and mineral leasing funds to counties, distribution of taxes collected by the public utilities commission, losses and damages paid from various insurance funds such as hail insurance and industrial accidents, etc. The largest proportion of amounts listed under "lands, buildings and improvements" is for highway construction. In a separate table is shown disbursements by years for the accounts of various state departments, commissions and bureaus. Another table gives a more complete break-down of all disbursements in 1937.

| Fiscal Year                   | Salaries and Wages | Maintenance    | Equipment     | Land, Buildings and Improvements | Miscellaneous | Total           |
|-------------------------------|--------------------|----------------|---------------|----------------------------------|---------------|-----------------|
| 1921 -----                    | \$3,795,078.39     | \$2,747,171.34 | \$ 239,753.42 | \$4,609,644.16                   | \$ 693,789.59 | \$12,085,436.90 |
| 1922 -----                    | 3,999,916.26       | 2,650,589.69   | 230,806.39    | 7,620,926.14                     | 760,264.94    | 15,262,503.42   |
| 1923 -----                    | 4,267,530.45       | 3,022,176.45   | 291,876.63    | 6,011,034.98                     | 1,718,982.57  | 15,311,601.08   |
| 1924 -----                    | 4,242,321.80       | 2,686,965.83   | 460,812.90    | 6,577,788.43                     | 4,285,500.74  | 18,253,389.20   |
| 1925 -----                    | 4,540,780.36       | 4,796,761.22   | 278,267.82    | 4,183,877.53                     | 3,277,879.62  | 17,077,566.55   |
| 1926 -----                    | 4,558,048.74       | 4,815,262.76   | 130,241.21    | 5,533,689.81                     | 4,119,400.95  | 19,156,643.47   |
| 1927 -----                    | 4,849,989.09       | 5,812,732.09   | 126,900.79    | 4,130,580.80                     | 4,006,419.43  | 18,926,622.20   |
| 1928 -----                    | 5,059,601.64       | 5,746,704.31   | 616,087.53    | 4,946,983.96                     | 4,004,149.30  | 20,273,526.74   |
| 1929 (9 mos. to June 30)----- | 3,120,445.44       | 3,922,848.70   | 175,853.46    | 1,389,771.02                     | 2,864,827.77  | 11,473,746.39   |
| 1931 -----                    | 5,751,193.50       | 5,884,107.72   | 291,873.90    | 7,257,335.05                     | 6,115,841.84  | 25,300,352.01   |
| 1932 -----                    | 5,788,765.50       | 5,384,774.07   | 146,434.99    | 7,261,425.87                     | 6,199,837.36  | 24,781,237.79   |
| 1933 -----                    | 5,584,707.65       | 5,721,936.15   | 293,230.04    | 4,588,189.36                     | 5,641,419.15  | 21,829,482.35   |
| 1934 -----                    | 4,967,404.55       | 5,147,798.70   | 309,922.72    | 6,283,958.00                     | 7,570,906.15  | 24,279,990.12   |
| 1935 -----                    | 5,572,413.98       | 5,206,007.55   | 412,466.55    | 7,844,520.25                     | 8,171,549.76  | 27,206,958.09   |
| 1936 -----                    | 6,301,126.14       | 5,532,713.81   | 756,028.74    | 7,211,270.72                     | 13,362,689.88 | 33,163,829.29   |
| 1937 -----                    | 7,481,747.27       | 6,025,387.09   | 1,027,922.24  | 18,074,926.70                    | 22,620,271.63 | 55,230,254.98   |
| 1938 -----                    | 8,179,430.77       | 6,999,116.93   | 766,412.44    | 18,229,713.75                    | 29,405,081.13 | 63,579,755.02   |
| 1939 -----                    | 8,683,003.32       | 8,717,849.03   | 597,063.09    | 14,351,616.78                    | 32,612,727.22 | 64,962,259.44   |

**GOVERNMENTAL COSTS: REVENUES COLLECTED BY THE STATE, BY SOURCES, OUTGO FOR ALL PURPOSES, AND STATE DEBT, FOR FISCAL YEARS ENDING JUNE 30**

(Source: Bureau of the Census)

|                                       | 1940         |            | 1939         | 1938         | 1937         |
|---------------------------------------|--------------|------------|--------------|--------------|--------------|
|                                       | Amount       | Per Capita |              |              |              |
| <b>INCOME</b>                         |              |            |              |              |              |
| <b>Taxes:</b>                         |              |            |              |              |              |
| Property .....                        | \$ 5,167,000 | \$ 4.60    | \$ 5,228,000 | \$ 4,056,000 | \$ 3,468,000 |
| <b>Income:</b>                        |              |            |              |              |              |
| Corporation .....                     | 1,035,000    | .92        | 706,000      | 286,000      | .....        |
| Individual .....                      | 2,074,000    | 1.85       | 1,361,000    | 526,000      | .....        |
| Inheritance and estate.....           | 1,063,000    | .95        | 919,000      | 1,159,000    | 993,000      |
| Severance .....                       | 23,000       | .02        | 22,000       | 18,000       | 28,000       |
| <b>Sales:</b>                         |              |            |              |              |              |
| Motor fuel.....                       | 8,041,000    | 7.16       | 7,599,000    | 7,483,000    | 7,123,000    |
| Sales and use.....                    | 8,805,000    | 7.84       | 8,455,000    | 8,185,000    | 6,791,000    |
| Alcoholic beverages.....              | 2,306,000    | 2.05       | 2,097,000    | 2,321,000    | 2,414,000    |
| Business licenses.....                | 2,276,000    | 2.03       | 2,169,000    | 2,375,000    | 2,182,000    |
| Motor vehicle licenses.....           | 1,524,000    | 1.36       | 1,378,000    | 1,306,000    | 1,356,000    |
| Unemployment compensation             | 5,172,000    | 4.60       | 4,875,000    | 4,017,000    | 2,320,000    |
| All other.....                        | 408,000      | .35        | 378,000      | 515,000      | 272,000      |
| Total taxes.....                      | \$37,894,000 | \$33.73    | \$35,187,000 | \$32,248,000 | \$26,948,000 |
| <b>Non-taxes:</b>                     |              |            |              |              |              |
| <b>U. S. Grants:</b>                  |              |            |              |              |              |
| Highways .....                        | \$ 4,719,000 | \$ 4.20    | \$ 4,748,000 | \$ 5,322,000 | \$ 4,088,000 |
| Public assistance.....                | 8,195,000    | 7.30       | 6,604,000    | 6,232,000    | 4,536,000    |
| All others.....                       | 3,213,000    | 2.86       | 1,796,000    | 1,310,000    | 1,118,000    |
| Pension assessments.....              | 207,000      | .18        | 181,000      | 163,000      | 137,000      |
| Interest .....                        | 769,000      | .68        | 702,000      | 694,000      | 532,000      |
| Charges for current services          | 2,600,000    | 2.31       | 2,410,000    | 2,813,000    | 2,804,000    |
| Grants by local units.....            | 769,000      | .68        | 132,000      | 45,000       | (2)          |
| All others.....                       | 573,000      | .53        | 456,000      | 423,000      | 520,000      |
| Total, non-taxes.....                 | \$21,045,000 | \$18.74    | \$17,029,000 | \$17,007,000 | \$13,735,000 |
| Total, revenue*.....                  | \$58,939,000 | \$52.47    | \$52,216,000 | \$49,255,000 | \$40,683,000 |
| Bonds issued during year..            | 3,467,000    | 3.09       | 2,489,000    | 409,000      | 15,529,000   |
| Total income, all sources...          | \$62,406,000 | \$55.56    | \$54,705,000 | \$49,664,000 | \$56,212,000 |
| <b>OUTGO</b>                          |              |            |              |              |              |
| <b>General administrative, legis-</b> |              |            |              |              |              |
| <b>lative and judicial.....</b>       |              |            |              |              |              |
| Protection to person and prop-        | \$ 1,791,000 | \$ 1.59    | \$ 1,798,000 | \$ 1,642,000 | \$ 1,663,000 |
| erty .....                            | 1,051,000    | .94        | 1,114,000    | 961,000      | 913,000      |
| <b>Highways:</b>                      |              |            |              |              |              |
| State's own use.....                  | 2,053,000    | 1.83       | 2,697,000    | 2,643,000    | 3,036,000    |
| Grants to local units.....            | 2,194,000    | 1.95       | 2,472,000    | 7,359,000    | 2,639,000    |
| <b>Development and conservation</b>   |              |            |              |              |              |
| <b>of natural resources:</b>          |              |            |              |              |              |
| State's own use.....                  | 1,378,000    | 1.23       | 1,323,000    | 1,170,000    | 1,094,000    |
| Grants to local units.....            | .....        | .....      | .....        | .....        | .....        |
| <b>Health and sanitation:</b>         |              |            |              |              |              |
| State's own use.....                  | 498,000      | .44        | 532,000      | 393,000      | 306,000      |
| Grants to local units.....            | .....        | .....      | .....        | .....        | .....        |
| <b>Hospitals and institutions for</b> |              |            |              |              |              |
| <b>the handicapped:</b>               |              |            |              |              |              |
| State's own use.....                  | 1,869,000    | 1.66       | 2,054,000    | 1,552,000    | 1,519,000    |
| Grants to local units.....            | 59,000       | .06        | 56,000       | 57,000       | 407,000      |
| <b>Charities:</b>                     |              |            |              |              |              |
| State's own use.....                  | 458,000      | .41        | 413,000      | 3,366,000    | 4,030,000    |
| Grants to local units.....            | 19,483,000   | 17.34      | 16,980,000   | 14,857,000   | 9,466,000    |
| Corrections .....                     | 739,000      | .66        | 819,000      | 826,000      | 810,000      |
| <b>Schools:</b>                       |              |            |              |              |              |
| State's own use.....                  | 3,346,000    | 2.98       | 3,378,000    | 3,126,000    | 3,630,000    |
| Grants to local units.....            | 2,070,000    | 1.84       | 1,951,000    | 903,000      | 846,000      |
| Libraries .....                       | 5,000        | (3)        | 4,000        | 2,000        | 4,000        |
| Recreation .....                      | 18,000       | .02        | 7,000        | 12,000       | 11,000       |
| <b>Pensions:</b>                      |              |            |              |              |              |
| State employees.....                  | 127,000      | .11        | 108,000      | 94,000       | 82,000       |
| Local employees (grants)..            | 218,000      | .19        | 246,000      | 114,000      | 251,000      |

(See footnotes at end of table.)

**GOVERNMENTAL COSTS: REVENUES COLLECTED BY THE STATE, BY SOURCES,  
OUTGO FOR ALL PURPOSES, AND STATE DEBT, FOR FISCAL YEARS  
ENDING JUNE 30—Continued**

(Source: Bureau of the Census)

|  | 1940         |            | 1939         | 1938         | 1937         |
|--|--------------|------------|--------------|--------------|--------------|
|  | Amount       | Per Capita |              |              |              |
| Unemployment compensation and employment services: |              |            |              |              |              |
| Administration .....                               | \$ 480,000   | \$ .43     | \$ 465,000   | \$ 204,000   | \$ 92,000    |
| Benefits .....                                     | 3,842,000    | 3.42       | 2,119,000    | .....        | .....        |
| Miscellaneous:                                     |              |            |              |              |              |
| Grants for unspecified purposes .....              | 58,000       | .05        | 54,000       | .....        | .....        |
| All others .....                                   | 87,000       | .08        | 88,000       | 112,000      | 127,000      |
| Total, current costs .....                         | \$41,824,000 | \$37.23    | \$38,678,000 | \$39,393,000 | \$30,926,000 |
| Interest .....                                     | 874,000      | .78        | 870,000      | 1,142,000    | 347,000      |
| Capital outlays:                                   |              |            |              |              |              |
| Highways .....                                     | 7,816,000    | 6.96       | 11,903,000   | (4)          | 16,629,000   |
| Hospitals .....                                    | 1,631,000    | 1.45       | 433,000      | (4)          | 503,000      |
| Education .....                                    | 1,279,000    | 1.14       | 753,000      | (4)          | 736,000      |
| Other .....  | 900,000      | .80        | 698,000      | (4)          | 14,000       |
| Total outlays .....                                | \$11,626,000 | \$10.35    | \$13,787,000 | \$13,485,000 | \$17,882,000 |
| Total, state costs—payments .....                  | \$54,324,000 | \$48.36    | \$53,335,000 | \$54,020,000 | \$49,155,000 |
| Non-cost payments .....                            | 4,490,000    | 4.00       | 2,994,000    | 1,043,000    | 381,000      |
| Total outgo .....                                  | \$58,814,000 | \$52.36    | \$56,329,000 | \$55,063,000 | \$49,536,000 |
| <b>RECAPITULATION:</b>                             |              |            |              |              |              |
| Income:  |              |            |              |              |              |
| Income collected by the state:                     |              |            |              |              |              |
| Taxes .....  | \$38,970,000 | \$34.69    | \$36,235,000 | \$32,248,000 | \$27,882,000 |
| Non-tax revenues .....                             | 4,149,000    | 3.69       | 3,749,000    | 5,177,000    | 3,993,000    |
| Grants:  |              |            |              |              |              |
| Federal government .....                           | 16,127,000   | 14.36      | 13,148,000   | 12,865,000   | 9,742,000    |
| Local governments .....                            | 769,000      | .69        | 132,000      | 9,000        | .....        |
| Gross collections .....                            | \$60,015,000 | \$53.43    | \$53,264,000 | \$50,299,000 | \$41,617,000 |
| Local shares state-collected taxes (deduct) .....  | 1,076,000    | .96        | 1,048,000    | 1,044,000    | 934,000      |
| Net state revenue .....                            | \$58,939,000 | \$52.47    | \$52,216,000 | \$49,255,000 | \$40,683,000 |
| Bonds issued during year .....                     | 3,467,000    | 3.09       | 2,489,000    | 409,000      | 15,529,000   |
| Total state income .....                           | \$62,406,000 | \$55.56    | \$54,705,000 | \$49,664,000 | \$56,212,000 |
| Outgo:   |              |            |              |              |              |
| Current operation cost .....                       | \$41,824,000 | \$37.23    | \$38,678,000 | \$39,393,000 | \$30,926,000 |
| Interest on state debt .....                       | 874,000      | .78        | 870,000      | 1,142,000    | 347,000      |
| Capital outlays .....                              | 11,626,000   | 10.35      | 13,787,000   | 13,485,000   | 17,882,000   |
| Total state cost payments .....                    | \$54,324,000 | \$48.36    | \$53,335,000 | \$54,020,000 | \$49,155,000 |
| Grants to local units (deduct) .....               | 24,082,000   | 21.44      | 21,759,000   | 23,283,000   | 13,609,000   |
| Net cost payments for state's own use .....        | \$30,242,000 | \$26.92    | \$31,576,000 | \$30,737,000 | \$35,546,000 |
| Non-cost payments .....                            | \$ 4,490,000 | \$ 4.00    | \$ 2,994,000 | \$ 1,043,000 | \$ 381,000   |
| Total state outgo .....                            | \$58,814,000 | \$52.36    | \$56,329,000 | \$55,063,000 | \$49,536,000 |
| Debt:  |              |            |              |              |              |
| General obligation bonds .....                     | \$27,154,000 | \$24.17    | \$28,278,000 | (4)          | (4)          |
| Revenue bonds .....                                | 1,979,000    | 1.76       | 1,878,000    | (4)          | (4)          |
| Short-term loans .....                             | 46,000       | .04        | .....        | (4)          | (4)          |
| Gross debt .....                                   | \$29,179,000 | \$25.97    | \$30,156,000 | \$30,274,000 | \$30,189,000 |
| Net (less sinking funds) .....                     | \$28,864,000 | \$25.70    | \$29,970,000 | \$30,118,000 | \$30,056,000 |

\*State's revenue exclusive of local shares of state-collected taxes.

(2) Grants by local units included in "All others".

(3) Less than ½ of 1 cent

(4) Not segregated.

**STATE GOVERNMENT: DISBURSEMENTS OF ALL STATE DEPARTMENTS, BUREAUS, BOARDS, COMMISSIONS AND OTHER ACTIVITIES FOR THE FISCAL YEAR ENDING JUNE 30, 1939, BY CLASSIFICATIONS AND PERCENTAGES**

(Source: Reports of the Public Examiner)

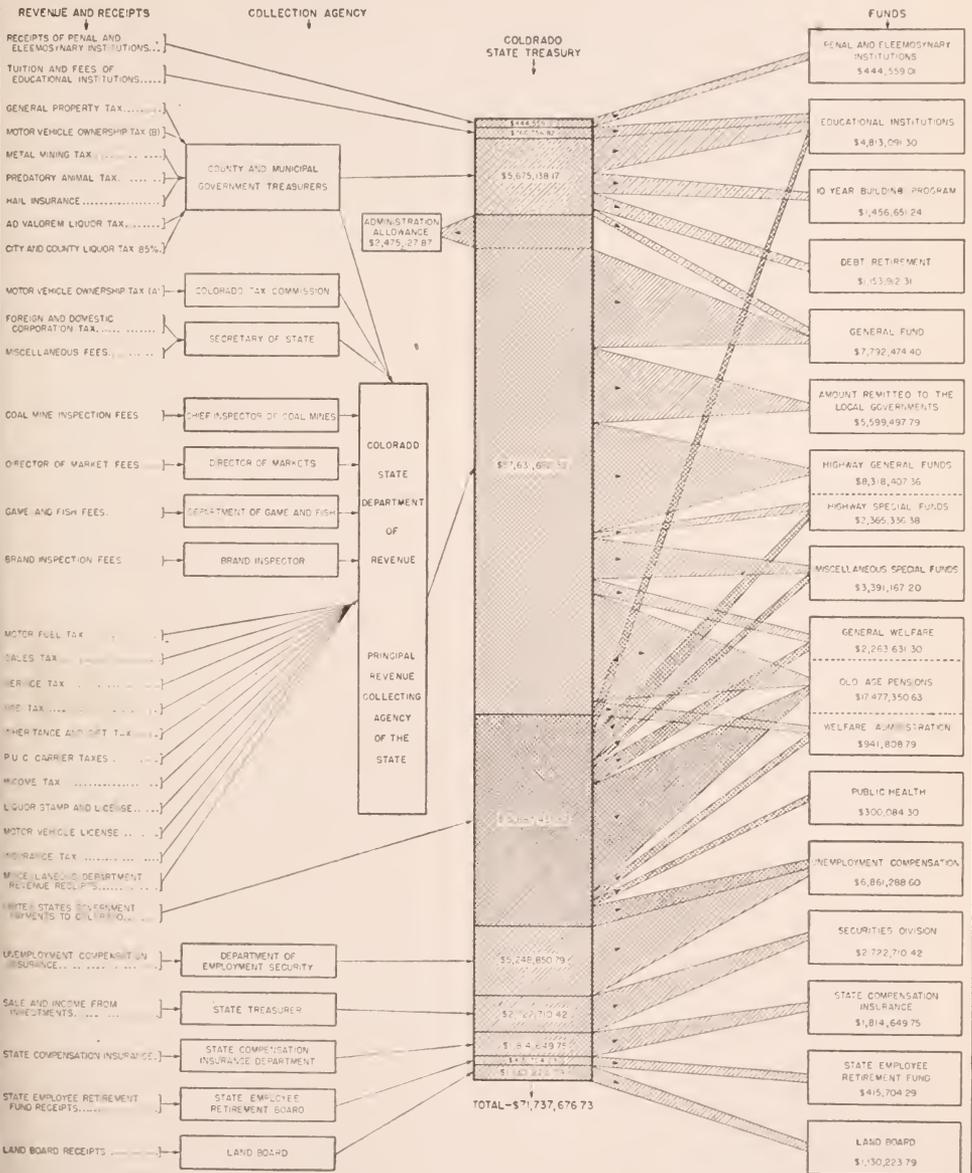
Note—This table shows a distribution of all disbursements for the fiscal year 1939, which are summarized by departmental activities in a separate table. That table also gives a similar summary for 1936, 1937, 1938 and 1939. State penal, educational and eleemosynary institutions are grouped here to save space. Distribution of disbursements of these institutions is shown in detail in the chapter "State Institutions."

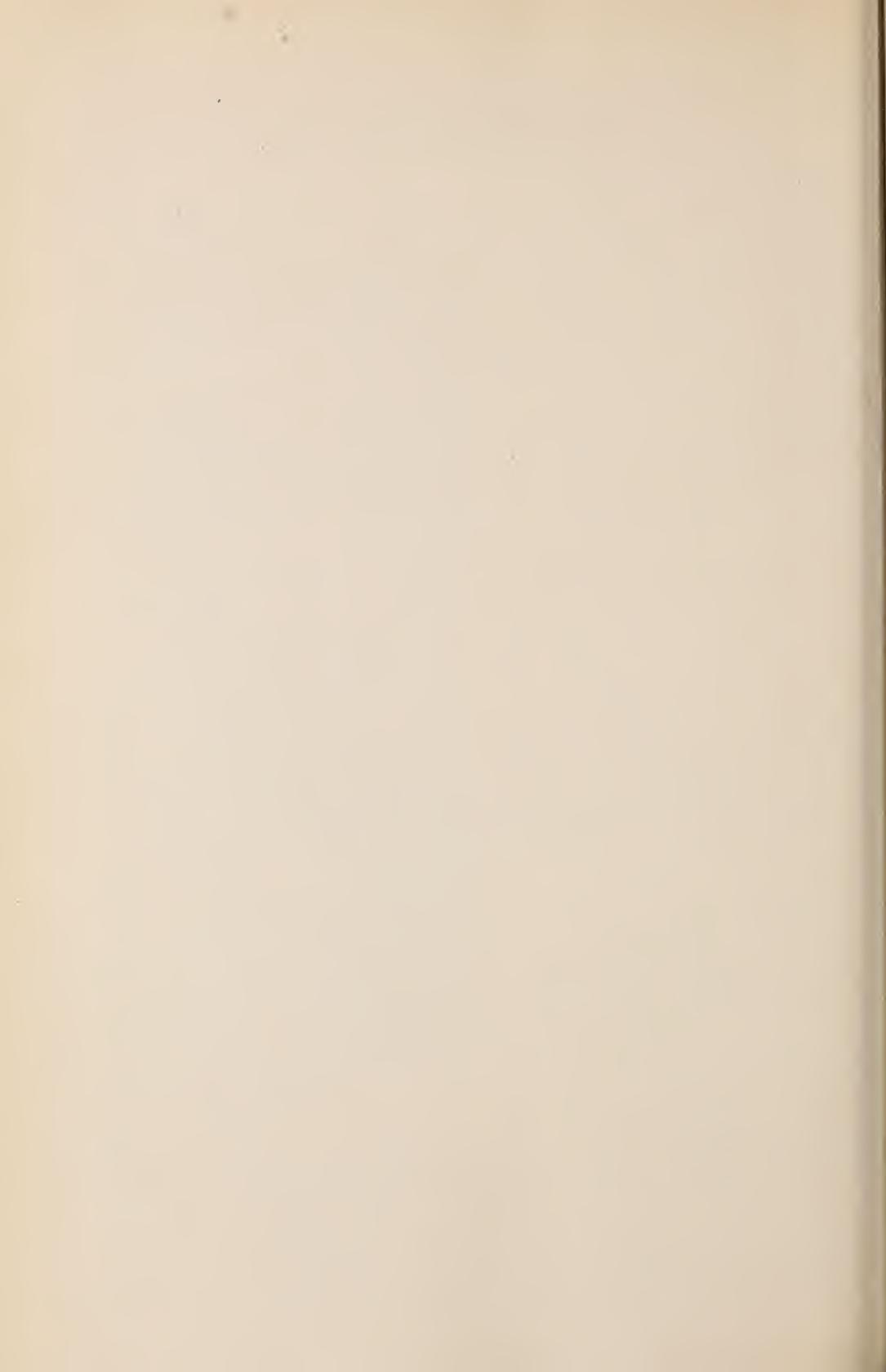
| INSTITUTIONS                 | Salaries       |          | Maintenance    |          | Equipment |          | Lands, Buildings and Improvements |          | Miscellaneous |          | Total           |
|------------------------------|----------------|----------|----------------|----------|-----------|----------|-----------------------------------|----------|---------------|----------|-----------------|
|                              | Amount         | Per Cent | Amount         | Per Cent | Amount    | Per Cent | Amount                            | Per Cent | Amount        | Per Cent |                 |
|                              |                |          |                |          |           |          |                                   |          |               |          |                 |
| State Institutions*          | \$4,412,396.63 | 43.5     | \$2,551,528.91 | 25.2     | 76,127.10 | 0.8      | \$ 2,525,143.77                   | 24.9     | \$ 572,904.22 | 5.6      | \$10,138,100.63 |
| Abstractor Examiners.....    | 600.00         | 83.8     | 116.40         | 16.2     | .....     | .....    | .....                             | .....    | .....         | .....    | 716.40          |
| Accountancy Examiners.....   | 1,909.39       | 56.7     | 1,302.43       | 38.9     | 147.95    | 4.4      | .....                             | .....    | .....         | .....    | 3,359.77        |
| Architect Examiners.....     | 750.00         | 62.6     | 448.46         | 37.4     | .....     | .....    | .....                             | .....    | .....         | .....    | 1,198.46        |
| Barber Examiners.....        | 9,120.50       | 73.1     | 3,300.45       | 26.4     | 57.61     | 0.5      | .....                             | .....    | .....         | .....    | 12,478.56       |
| Basic Science Examiners..... | 1,405.50       | 89.3     | 132.50         | 10.7     | .....     | .....    | .....                             | .....    | .....         | .....    | 1,238.00        |
| Boxing Examiners.....        | 4,406.00       | 89.7     | 507.13         | 10.3     | .....     | .....    | .....                             | .....    | .....         | .....    | 4,913.13        |
| Chiropractic Examiners.....  | 1,960.00       | 56.7     | 1,496.75       | 43.3     | .....     | .....    | .....                             | .....    | .....         | .....    | 3,456.75        |
| Cosmetology Examiners.....   | 13,449.33      | 61.6     | 7,088.25       | 32.6     | 1,260.37  | 5.8      | .....                             | .....    | .....         | .....    | 21,797.95       |
| Dental Examiners.....        | 915.00         | 40.6     | 835.00         | 37.0     | 506.00    | 22.4     | .....                             | .....    | .....         | .....    | 2,256.00        |
| Embalmng Examiners.....      | 800.00         | 72.9     | 297.82         | 27.1     | .....     | .....    | .....                             | .....    | .....         | .....    | 1,097.82        |
| Engineer Examiners.....      | 690.00         | 14.7     | 3,862.67       | 82.2     | 147.16    | 3.1      | .....                             | .....    | .....         | .....    | 4,699.83        |
| Medical Examiners.....       | 3,591.66       | 67.4     | 3,452.97       | 30.7     | 217.02    | 1.9      | .....                             | .....    | .....         | .....    | 11,261.65       |
| Nurse Examiners.....         | 9,063.64       | 75.3     | 2,795.13       | 23.2     | 171.46    | 1.5      | .....                             | .....    | .....         | .....    | 12,030.23       |
| Optometric Examiners.....    | 1,513.80       | 80.6     | 364.04         | 19.4     | .....     | .....    | .....                             | .....    | .....         | .....    | 1,877.84        |
| Pharmacy Examiners.....      | 6,425.62       | 52.9     | 5,688.82       | 46.8     | 34.29     | 0.3      | .....                             | .....    | .....         | .....    | 12,148.73       |
| Assessors.....               | .....          | .....    | 1,651.75       | 100.0    | .....     | .....    | .....                             | .....    | .....         | .....    | 1,651.75        |
| Attorney General.....        | 58,325.40      | 89.0     | 6,334.99       | 9.7      | 888.37    | 1.3      | .....                             | .....    | .....         | .....    | 65,548.76       |
| Accounts and Control.....    | 13,500.97      | 95.1     | 596.80         | 4.2      | 103.20    | 0.7      | .....                             | .....    | .....         | .....    | 14,200.97       |
| Auditor.....                 | 24,472.75      | 88.4     | 3,200.00       | 11.6     | .....     | .....    | .....                             | .....    | .....         | .....    | 27,672.75       |
| Bank Commissioner.....       | 19,948.05      | 85.8     | 3,299.49       | 14.2     | .....     | .....    | .....                             | .....    | .....         | .....    | 23,247.54       |
| Bonds, Principal.....        | .....          | .....    | 1,834,000.00   | 100.0    | .....     | .....    | .....                             | .....    | .....         | .....    | 1,834,000.00    |
| Bonds, Interest.....         | .....          | .....    | 795,958.16     | 100.0    | .....     | .....    | .....                             | .....    | .....         | .....    | 795,958.16      |
| Budget Commission.....       | 5,100.00       | 81.6     | 844.02         | 13.5     | 303.65    | 4.9      | .....                             | .....    | .....         | .....    | 6,247.67        |
| Building and Loan.....       | 10,227.17      | 81.8     | 2,275.43       | 18.2     | .....     | .....    | .....                             | .....    | .....         | .....    | 12,502.60       |
| Bureau of Mines.....         | 18,211.84      | 73.8     | 6,468.45       | 26.2     | .....     | .....    | .....                             | .....    | .....         | .....    | 24,680.29       |

\*For distribution by institutions see "State Institutions."



## FLOW OF REVENUE STATE GOVERNMENT OF COLORADO MAJOR SOURCES AND FUNDS FISCAL YEAR JUNE 30, 1942





STATE GOVERNMENT: DISBURSEMENTS OF ALL STATE DEPARTMENTS, BUREAUS, BOARDS, COMMISSIONS AND OTHER ACTIVITIES FOR THE FISCAL YEAR ENDING JUNE 30, 1939, BY CLASSIFICATIONS AND PERCENTAGES—Continued

| INSTITUTIONS                              | Salaries       |          | Maintenance    |          | Equipment     |          | Lands, Buildings and Improvements |          | Miscellaneous   |          | Total           |
|---|----------------|----------|----------------|----------|---------------|----------|-----------------------------------|----------|-----------------|----------|-----------------|
|   | Amount         | Per Cent | Amount         | Per Cent | Amount        | Per Cent | Amount                            | Per Cent | Amount          | Per Cent |                 |
|   |                |          |                |          |               |          |                                   |          |                 |          |                 |
| Metal Mining.....                         | 5,684.14       | 34.9     | 9,432.60       | 58.0     | 1,148.76      | 7.1      | .....                             | .....    | 36,788.22       | 100.0    | 16,265.50       |
| Mineral Leasing to Counties               | 47,353.06      | 56.9     | 28,917.62      | 34.7     | .....         | .....    | 7,000.00                          | 8.4      | .....           | .....    | 36,788.22       |
| Military Department.....                  | 71,295.52      | 2.2      | 28,032.77      | 0.8      | 470.82        | .....    | .....                             | .....    | 3,179,815.12    | 97.0     | 83,370.68       |
| Motor Fuel Department.....                | 66,474.73      | 5.4      | 33,518.75      | 2.7      | 10,582.17     | 0.9      | .....                             | .....    | 1,109,956.37    | 91.0     | 3,279,614.23    |
| Motor Vehicle Department..                | .....          | .....    | 925.00         | 100.0    | .....         | .....    | .....                             | .....    | .....           | .....    | 1,220,532.02    |
| Miscellaneous Department..                | .....          | .....    | .....          | .....    | .....         | .....    | .....                             | .....    | .....           | .....    | 925.00          |
| Old Age Pension.....                      | 15,642.87      | 59.2     | 24,660.99      | 32.0     | 6,782.28      | 8.8      | .....                             | .....    | 12,950,576.68   | 100.0    | 12,950,576.68   |
| Operators and Chauffeurs..                | 12,660.00      | 57.0     | 9,407.34       | 42.4     | 135.00        | 0.6      | .....                             | .....    | .....           | .....    | 76,386.14       |
| Planning Commission.....                  | 1,941.92       | 78.6     | 3,139.33       | 21.4     | .....         | .....    | .....                             | .....    | .....           | .....    | 22,202.34       |
| Plants and Insects.....                   | 8,400.00       | 73.7     | 2,128.51       | 18.7     | 864.80        | 7.6      | .....                             | .....    | .....           | .....    | 14,681.25       |
| Public Examiner.....                      | 97,885.53      | 26.9     | 22,053.75      | 6.1      | 3,232.83      | 0.8      | .....                             | .....    | 241,310.63      | 66.2     | 11,393.71       |
| Public Utilities.....                     | 18,381.04      | 30.8     | 40,812.22      | 68.3     | 568.10        | 0.9      | .....                             | .....    | .....           | .....    | 364,482.74      |
| Purchasing Department.....                | 441,533.39     | 9.7      | 410,027.14     | 9.1      | 11,520.10     | 0.3      | .....                             | .....    | 119,074.51      | 100.0    | 59,761.36       |
| Public Welfare.....                       | 249,385.54     | 73.8     | 85,916.71      | 25.4     | 2,830.16      | 0.8      | .....                             | .....    | 3,662,572.63    | 80.9     | 119,074.51      |
| Sales Tax.....                            | 50,898.00      | 70.5     | 19,193.47      | 26.6     | 2,065.81      | 2.9      | .....                             | .....    | .....           | .....    | 4,525,653.26    |
| Secretary of State.....                   | 1,400.00       | 67.9     | 3,502.72       | 22.1     | .....         | .....    | .....                             | .....    | .....           | .....    | 338,132.41      |
| State Commission for Blind                | 1,668.77       | 11.5     | 57,487.06      | 52.1     | .....         | .....    | .....                             | .....    | .....           | .....    | 7,157.78        |
| State Fair.....                           | 93,974.41      | 66.8     | 42,405.18      | 28.9     | 2,442.13      | 1.7      | 34,513.14                         | 33.9     | .....           | .....    | 10,302.72       |
| Stock Inspection.....                     | 33,271.46      | 74.0     | 1,673.87       | 26.0     | .....         | .....    | .....                             | .....    | 3,763.19        | 2.6      | 146,551.21      |
| Stores Tax.....                           | 78,382.77      | 83.0     | 15,915.90      | 16.8     | 179.20        | 0.2      | .....                             | .....    | .....           | .....    | 46,545.33       |
| Supreme Court.....                        | 200,362.18     | 21.3     | 45,314.31      | 4.8      | 2,559.49      | 0.3      | .....                             | .....    | 895,941.34      | 73.6     | 94,577.87       |
| Supt. of Public Instruction.              | .....          | .....    | .....          | .....    | .....         | .....    | .....                             | .....    | 5,256.75        | 100.0    | 94,477.32       |
| Specific Ownership 'A'.....               | 25,620.00      | 86.2     | 4,118.42       | 13.8     | .....         | .....    | .....                             | .....    | .....           | .....    | 29,738.42       |
| Tax Commission.....                       | 46,015.99      | 81.5     | 5,035.23       | 8.9      | 5,409.90      | 9.6      | .....                             | .....    | .....           | .....    | 56,461.12       |
| Treasurer.....                            | 166,136.61     | 64.7     | 56,390.97      | 22.0     | 34,083.95     | 13.3     | .....                             | .....    | .....           | .....    | 256,613.56      |
| Unemployment Compensation Administration. | .....          | .....    | .....          | .....    | .....         | .....    | .....                             | .....    | 2,158,645.07    | 100.0    | 2,158,645.07    |
| Unemployment Compensation Benefit.....    | .....          | .....    | .....          | .....    | .....         | .....    | .....                             | .....    | .....           | .....    | 4,943,285.68    |
| Unemployment Compensation Clearing.....   | 65,374.86      | 58.9     | 39,347.36      | 35.5     | 6,196.77      | 5.6      | .....                             | .....    | .....           | .....    | 110,918.99      |
| Water Conservation Board..                | .....          | .....    | .....          | .....    | .....         | .....    | .....                             | .....    | 35,534.22       | 100.0    | 35,534.22       |
| Grazing Act.....                          | .....          | .....    | .....          | .....    | .....         | .....    | .....                             | .....    | .....           | .....    | 6,658.74        |
| Golden Gate Exhibit.....                  | 575.00         | 8.6      | 1,112.73       | 16.7     | 221.01        | 3.3      | 4,750.00                          | 71.4     | .....           | .....    | .....           |
| Totals.....                               | \$8,683,003.32 | 13.4     | \$8,717,849.03 | 13.4     | \$ 597,063.09 | 0.9      | \$14,351,616.78                   | 22.1     | \$32,612,727.22 | 50.2     | \$64,962,359.44 |

## Taxation—Assessed Valuations

Ad Valorem Taxes, Assessments, Mill Levies, Distribution of Revenue; Special Taxes: Income; Intoxicating Liquor; Non-Alcoholic Beverages; Gasoline; Sales, Service, Use; Inheritance and Gift

REVENUES with which to defray governmental costs are derived from two principal sources, both of which are extensively subdivided. The first of these is called taxes and includes revenues from a general property tax, the inheritance tax, income tax, sales and service taxes and corporation and business taxes. The other includes revenues from special assessments, fees collected by various departments and agencies of government for specific purposes, fines, gifts, escheated property, earnings of public service organizations, interest on investments and other sources.

All taxable property of persons and corporations in the state is listed and appraised as to value for taxation purposes as of April 1 each year. This work is done through the county assessors as to property within the taxing districts of the counties. The assessments on inter-county property, such as railroads, telephone and telegraph lines, power lines, express companies, etc., are made by the state tax commission.

The county commissioners certify their valuations to the state tax commission on or before September 1. The commission then checks the assessors' valuations and upon approving them, transmits them with its own valuations on inter-county property to the state board of equalization between the first and third Mondays in October. This board has the power to equalize assessments, but no authority to levy assessments. The final valuations by the assessors and the tax commission, following approval by the board of equalization, then go back to the county assessors and county clerks. They are then certified to the levying agencies for the determination of the mill levies necessary to raise the revenue for all governmental purposes.

The state, the counties, cities and towns and school districts levy taxes on property situated within their respective boundaries. These levies are spread equally over all property in the district subject to the jurisdiction of the levying agent, in amount sufficient to raise the revenues required to defray the governmental cost of the taxing district. The levies are certified

to the county treasurers, who apply them to each and every parcel of property assessed. The aggregate rate at which any one parcel of property is taxed is equal to the total of all levies made by all the taxing agents.

The final valuations upon which taxes are collected are those thus certified to the county treasurers, plus certain additions made by the treasurers between the time the assessments are closed by the assessors and the spreading of the valuations and levies upon the tax rolls.

In this chapter and in all accompanying tables showing assessed valuations for 1937 and subsequent years, no figures are given for motor vehicles. This omission is due to the adoption of a constitutional amendment in November, 1936, changing the method of taxing this class of property. Motor vehicles are divided into two classes by this amendment: Class A, comprising motor vehicles and trucks for hire, and Class B, which includes vehicles not for hire. Owners of vehicles under Class A pay the taxes direct to the tax commission which, in turn, prorates the receipts on a highway mileage basis to the several counties. Class B taxes are paid directly to the county clerks of the several counties at the time the motor vehicle licenses are issued. Inasmuch as these taxes are collected in advance of other taxes they are handled on a separate basis. The amendment provides for a uniform basis of taxation throughout the state on valuation tables prepared by the motor vehicle department of the state government. The exemption of motor vehicles from the general property tax removes approximately \$60,000,000 in valuation from the assessments, according to the commission.

Intangibles, such as bank stocks, money, credits and bank accounts, promissory notes, bonds and debentures, also were eliminated from assessment beginning with 1938 as a result of a change in the laws. These are replaced by an income tax law, approved June 2, 1937, which went into effect July 1, 1937. The tax commission estimates the intangibles thus removed from the valuations in 1938 at \$30,000,000.

The taxes assessed on all real and personal property are placed on the tax rolls of the county treasurers as of January 1 of each year, being based on the valuations and levies made during the preceding year. Taxes become due and payable January 1, and delinquent one half on March 1 and the remainder August 1.

The final assessed value of all property for 1941, on which taxes are collected in 1942, was \$1,126,781,372. This total is derived in the following manner:

|   | 1941            |
|---|-----------------|
| Gross, by county assessors..                    | \$ 966,502,028  |
| Exemptions .....                                | 36,434,210      |
| Net, by assessors.....                          | \$ 930,067,818  |
| Valuations by tax commission                    | 197,112,983     |
| Total certified to counties.                    | \$1,127,180,801 |
| Deductions by county treasurers .....           | 399,429         |
| Final total upon which 1942 taxes are levied... | \$1,126,781,372 |

The distribution of the 1941 valuations as certified to the counties and before additions by the treasurers, is as follows:

|  | Amount          | Per Cent |
|--|-----------------|----------|
| Farms:                                     |                 |          |
| Land .....                                 | \$ 199,193,768  | 17.7     |
| Improvements .....                         | 59,278,149      | 5.2      |
| Total .....                                | \$ 258,471,917  | 22.9     |
| Mining properties:                         |                 |          |
| Land .....                                 | \$ 37,616,427   | 3.3      |
| Improvements .....                         | 18,711,589      | 1.7      |
| Total .....                                | \$ 56,328,016   | 5.0      |
| Town and suburban lots:                    |                 |          |
| Land .....                                 | \$ 141,354,249  | 12.5     |
| Improvements .....                         | 291,474,857     | 25.9     |
| Total .....                                | \$ 432,829,106  | 38.4     |
| Personal property:                         |                 |          |
| Cattle and sheep...\$                      | 32,657,081      | ...      |
| Other livestock....                        | 6,884,270       | ...      |
| Miscellaneous .....                        | 179,331,638     | ...      |
| Total (less \$36,434,210 exemptions) ..... | \$ 182,438,779  | 16.2     |
| Public utilities.....                      | 197,112,985     | 17.5     |
| Grand total.....                           | \$1,127,180,803 | 100.0    |

Revenue anticipated from taxes collected in 1942 on 1941 valuations aggregate \$41,889,154. The distribution of same is as follows:

| Unit                | Amount        | Per Cent |
|---------------------|---------------|----------|
| State .....         | \$ 4,788,821  | 11.4     |
| County .....        | 7,337,845     | 17.6     |
| Municipal .....     | 10,081,451    | 24.1     |
| General school..... | 3,959,849     | 9.5      |
| Special school..... | 15,701,188    | 37.4     |
| Total .....         | \$ 41,889,154 | 100.0    |

The assessed valuation of all property in Colorado for taxation purposes as of April 1 of the specified years, as determined by the county assessors and tax commission, after all correc-

tions and revisions, in thousands of dollars (000 omitted), and percentage of increase or decrease over preceding year are as follows:

| Year      | Assessed Value (thou-sands) | Amt. of Increase* (thou-sands) | Per Cent In-crease* |
|-----------|-----------------------------|--------------------------------|---------------------|
| 1921..... | \$1,578,256                 |                                |                     |
| 1922..... | 1,548,618                   | \$ -29,638                     | -1.88               |
| 1923..... | 1,543,590                   | -5,028                         | -0.32               |
| 1924..... | 1,538,097                   | -5,493                         | -0.36               |
| 1925..... | 1,540,732                   | 2,635                          | 0.17                |
| 1926..... | 1,546,830                   | 6,098                          | 0.40                |
| 1927..... | 1,565,291                   | 18,461                         | 1.19                |
| 1928..... | 1,577,560                   | 12,269                         | 0.78                |
| 1929..... | 1,586,920                   | 9,360                          | 0.59                |
| 1930..... | 1,586,463                   | -457                           | -0.03               |
| 1931..... | 1,438,448                   | -148,015                       | -10.29              |
| 1932..... | 1,280,564                   | -157,884                       | -10.98              |
| 1933..... | 1,099,604                   | -180,960                       | -14.13              |
| 1934..... | 1,099,333                   | -271                           | -0.02               |
| 1935..... | 1,088,351                   | -10,982                        | -1.00               |
| 1936..... | 1,103,563                   | 15,212                         | 1.43                |
| 1937..... | 1,110,851                   | 7,288                          | 0.66                |
| 1938..... | 1,102,040                   | -8,811                         | -0.80               |
| 1939..... | 1,114,278                   | 12,238                         | 1.10                |
| 1940..... | 1,112,976                   | -1,302                         | -0.12               |
| 1941..... | 1,127,181                   | 14,205                         | 1.28                |

\*(-) Minus sign denotes decrease.

Subsequent to these determinations, the county treasurers submit to the tax commission final statements of assessments which include some items not taken by the assessors. The figures for specified years as shown by the treasurers' statements, (000 omitted) and upon which all levies are made, with percentage of increase or decrease over preceding year, are as follows:

| Year      | Valuation (thou-sands) | Amt. of Increase* (thou-sands) | Per Cent In-crease* |
|-----------|------------------------|--------------------------------|---------------------|
| 1921..... | \$1,584,006            |                                |                     |
| 1922..... | 1,550,762              | \$ -33,244                     | -2.10               |
| 1923..... | 1,547,269              | -3,493                         | -0.23               |
| 1924..... | 1,534,802              | -12,467                        | -.81                |
| 1925..... | 1,547,702              | 12,900                         | 0.84                |
| 1926..... | 1,554,647              | 6,945                          | 0.45                |
| 1927..... | 1,573,953              | 19,306                         | 1.24                |
| 1928..... | 1,579,336              | 5,383                          | 0.34                |
| 1929..... | 1,592,398              | 13,062                         | 0.83                |
| 1930..... | 1,590,674              | -1,724                         | -0.11               |
| 1931..... | 1,447,170              | -143,504                       | -9.02               |
| 1932..... | 1,284,257              | -162,913                       | -11.26              |
| 1933..... | 1,101,528              | -182,729                       | -14.23              |
| 1934..... | 1,102,684              | 1,156                          | 0.10                |
| 1935..... | 1,089,616              | -13,068                        | -1.19               |
| 1936..... | 1,105,517              | 15,901                         | 1.44                |
| 1937..... | 1,111,561              | 6,044                          | 0.54                |
| 1938..... | 1,104,566              | -6,995                         | -0.63               |
| 1939..... | 1,115,123              | 10,557                         | 0.95                |
| 1940..... | 1,113,190              | -1,933                         | -0.17               |
| 1941..... | 1,126,781              | 13,591                         | 1.22                |

\*(-) Minus sign denotes decrease.

The anticipated revenue (in thousands of dollars) to be derived in specified years from direct taxation by levies in the previous year are as follows:

| Year      | Anticipated Revenue (thousands) | Amt. of Increase* (thousands) | Per Cent Increase* |
|-----------|---------------------------------|-------------------------------|--------------------|
| 1921..... | \$42,260                        | ....                          | ....               |
| 1922..... | 41,956                          | \$-304                        | -0.72              |
| 1923..... | 42,241                          | 285                           | 0.67               |
| 1924..... | 42,992                          | 751                           | 1.78               |
| 1925..... | 45,190                          | 2,198                         | 5.11               |
| 1926..... | 46,242                          | 1,052                         | 2.33               |
| 1927..... | 47,976                          | 1,734                         | 3.75               |
| 1928..... | 48,231                          | 255                           | 0.53               |
| 1929..... | 49,665                          | 1,434                         | 2.97               |
| 1930..... | 49,207                          | -458                          | -0.92              |
| 1931..... | 44,864                          | -4,343                        | -8.83              |
| 1932..... | 39,998                          | -4,866                        | -10.85             |
| 1933..... | 36,793                          | -3,205                        | -8.01              |
| 1934..... | 36,813                          | 20                            | 0.05               |
| 1935..... | 36,962                          | 149                           | 0.40               |
| 1936..... | 38,139                          | 1,177                         | 3.18               |
| 1937..... | 40,757                          | 2,618                         | 6.86               |
| 1938..... | 40,400                          | -357                          | -0.80              |
| 1939..... | 42,020                          | 1,620                         | 3.86               |
| 1940..... | 41,709                          | -311                          | -0.74              |
| 1941..... | 41,889                          | 180                           | 0.43               |

\* (—) Minus sign denotes decrease.

In addition to taxes collected through levies, revenues are derived from taxes on gasoline sales, inheritances, motor vehicle licenses, income tax, fishing and hunting licenses, general sales and business licenses and service and retail sales taxes. Coun-

ties share in the revenues from most of these sources. School districts also receive revenue from the state school fund and from tuition, and some of the state institutions from federal land grants. Some county offices are conducted on a fee basis, such as the clerk and recorder and sheriff, their receipts going into the county treasury. Cities and towns also collect additional revenues from licenses, fees and special assessments of improvement districts, and the federal government contributes considerable funds for highway and other purposes, parts of revenues from the forests, and royalties and bonuses from mineral land production.

Published elsewhere in this volume are numerous tables showing assessed valuations by years and by counties, levies for sundry purposes, detailed tables on gasoline and inheritance taxes, motor vehicle licenses, school, county and town taxes, and other sources of revenue mentioned in this text.

For information on the cost of the state government and other governmental units, see chapter under "Governmental Costs."

#### TAXATION: ABSTRACT OF ASSESSED VALUE OF ALL REAL AND PERSONAL PROPERTY IN COLORADO, 1941 AND 1940

(Source: State Tax Commission)

Note—This table shows the gross and net value of all property in Colorado as assessed for taxation purposes in 1941 and 1940 by the county assessors and the state tax commission, after all corrections and revisions. Distributions of the major items by counties, with mill levies for various purposes, will be found in separate tables. Following the certification of these valuations to the county treasurers, there are added to them such delinquent assessments and changes as have been returned in the period between the certification and the spreading of the valuations upon the tax rolls. The revised valuations are known as "Treasurers' Statements" and comprise the amounts upon which all levies are made. In the following abstract several changes in the classification of land for assessment purposes from those employed prior to 1938 are to be noted.

|   | 1941              |                       | 1940              |                       |
|---|-------------------|-----------------------|-------------------|-----------------------|
|   | Acres or Number   | Amount                | Acres or Number   | Amount                |
| <b>Real Estate</b>  |                   |                       |                   |                       |
| Irrigated land (acres).....   | 642,683           | \$ 42,028,901         | 666,761           | \$ 42,233,284         |
| Semi-irrigated land.....  | 1,413,310         | 46,542,718            | 1,431,422         | 46,976,628            |
| Dry farm land, cropped and summer fallowed during current year..... | 8,224,540         | 44,709,416            | 8,319,385         | 44,943,329            |
| Meadow hay land.....  | 317,654           | 4,833,930             | 325,778           | 4,984,627             |
| Pasture land (irrigated).....                                       | 85,474            | 919,810               | 138,226           | 1,039,975             |
| Suburban fruit and vegetable tracts.....                            | 58,650            | 5,931,600             | 59,601            | 5,915,385             |
| Grazing land.....   | 24,460,709        | 52,074,417            | 24,403,813        | 52,733,435            |
| Restoration land.....   | 277,617           | 521,000               | 276,514           | 529,570               |
| Arid, waste and seep land.....                                      | 1,249,982         | 1,033,718             | 1,276,567         | 965,364               |
| Timber land.....  | 54,536            | 548,253               | 53,485            | 280,753               |
| <b>Total</b> .....  | <b>36,785,155</b> | <b>\$ 199,193,768</b> | <b>36,951,552</b> | <b>\$ 200,602,350</b> |
| Producing coal land (acres).....                                    | 4,549             | \$ 976,465            | 5,033             | \$ 1,032,850          |
| Non-producing coal land.....  | 23,257            | 527,930               | 21,297            | 470,225               |
| Developed coal land.....  | 3,685             | 534,150               | 5,151             | 454,655               |
| Undeveloped coal land.....  | 94,929            | 965,680               | 100,731           | 1,038,235             |
| Coal reserves.....  | 655,627           | 755,028               | 1,565,552         | 1,606,575             |
| <b>Total</b> .....  | <b>782,047</b>    | <b>\$ 3,759,253</b>   | <b>1,697,764</b>  | <b>\$ 4,602,540</b>   |

**TAXATION: ABSTRACT OF ASSESSED VALUE OF ALL REAL AND PERSONAL PROPERTY IN COLORADO, 1941 AND 1940—Continued**

|   | 1941             |                       | 1940             |                       |
|---|------------------|-----------------------|------------------|-----------------------|
|   | Acres or Number  | Amount                | Acres or Number  | Amount                |
| Oil land (acres) .....                                    | 20,227           | \$ 80,575             | 25,478           | \$ 193,923            |
| Oil shale land .....                                      | 137,877          | 408,290               | 137,007          | 427,915               |
| Oil reserves .....  | 2,639,253        | 2,725,267             | 1,733,390        | 1,900,184             |
| <b>Total</b> .....  | <b>2,797,357</b> | <b>\$ 3,214,132</b>   | <b>1,895,875</b> | <b>\$ 2,522,022</b>   |
| Metalliferous mining claims (non-producing) (acres).....  | 281,467          | \$ 8,892,234          | 276,941          | \$ 8,685,254          |
| Output metalliferous mines.....                           |                  | 16,945,600            |                  | 15,944,701            |
| Quarry lands (stone, clay, marble, etc.)                  |                  |                       |                  |                       |
| Min. Res.....   | 12,694           | 246,575               | 12,531           | 122,225               |
| Placer claims.....  | 51,474           | 599,165               | 49,056           | 660,450               |
| <b>Total</b> .....  | <b>345,635</b>   | <b>\$ 26,683,574</b>  | <b>338,528</b>   | <b>\$ 25,412,630</b>  |
| Equities state school lands.....                          |                  | \$ 434,883            |                  | \$ 464,775            |
| Misc. lands (not included in above) (mountain sites)..... | 19,101           | 3,524,585             | 136,905          | 3,633,847             |
| <b>Total</b> .....  | <b>19,101</b>    | <b>\$ 3,959,468</b>   | <b>136,905</b>   | <b>\$ 4,098,622</b>   |
| <b>Town, City and Other lots</b>                          |                  |                       |                  |                       |
| Lots (incorporated cities and towns)....                  |                  | \$ 136,345,045        |                  | \$ 136,693,564        |
| Lots (outside incorporated cities and towns) .....        |                  | 5,009,204             |                  | 4,881,764             |
| <b>Total</b> .....  |                  | <b>\$ 141,354,249</b> |                  | <b>\$ 141,575,328</b> |
| <b>Improvements</b>                                       |                  |                       |                  |                       |
| Improvements farm lands.....                              |                  | \$ 59,278,149         |                  | \$ 59,559,838         |
| Improvements coal lands.....                              |                  | 2,229,650             |                  | 2,074,405             |
| Improvements oil lands.....                               |                  | 1,550,710             |                  | 179,305               |
| Improvements mineral lands.....                           |                  | 7,006,342             |                  | 10,599,815            |
| Improvements miscellaneous lands.....                     |                  | 7,924,887             |                  | 7,636,687             |
| Improvements lots incorporated towns..                    |                  | 278,781,999           |                  | 271,211,808           |
| Improvements lots outside towns.....                      |                  | 12,692,858            |                  | 12,364,439            |
| <b>Total</b> .....  |                  | <b>\$ 369,464,595</b> |                  | <b>\$ 363,626,297</b> |
| (A) Grand Total Real Estate and Improvements .....        |                  | <b>\$ 747,629,039</b> |                  | <b>\$ 742,439,789</b> |
| <b>Personal Property</b>                                  |                  |                       |                  |                       |
| <b>CATTLE</b>   |                  |                       |                  |                       |
| Pure bred bulls (18 mo. or over) (number) .....           | 6,925            | \$ 526,400            | 6,119            | \$ 386,598            |
| Pure bred bulls (coming yearlings)....                    | 2,670            | 113,075               | 1,533            | 61,430                |
| Pure bred bulls (yearlings and over)...                   | 6,683            | 374,265               | 3,178            | 174,351               |
| Range bulls.....  | 15,811           | 830,065               | 15,732           | 695,506               |
| Calves (coming yearlings).....                            | 220,361          | 3,589,875             | 170,804          | 2,270,227             |
| Stock cattle (coming two years and over)                  | 511,369          | 11,853,375            | 538,190          | 10,304,810            |
| Steers (coming two years old).....                        | 15,959           | 471,790               | 16,731           | 412,862               |
| Steers (coming three years old and over)                  | 2,542            | 78,535                | 1,090            | 29,590                |
| Pure bred dairy cows.....                                 | 7,418            | 357,480               | 11,513           | 469,060               |
| Grade dairy cows.....                                     | 71,238           | 2,745,774             | 75,432           | 2,437,373             |
| Common dairy cows.....                                    | 87,801           | 2,798,201             | 89,224           | 2,335,576             |
| <b>Total</b> .....  | <b>948,777</b>   | <b>\$ 23,738,835</b>  | <b>929,546</b>   | <b>\$ 19,577,383</b>  |
| <b>HORSES</b>   |                  |                       |                  |                       |
| Pure bred stallions and mares (number) ..                 | 493              | \$ 51,950             | 550              | \$ 47,990             |
| Ranch, work and dray.....                                 | 120,480          | 3,941,442             | 126,928          | 4,619,869             |
| Saddle and cow ponies.....                                | 28,996           | 716,565               | 31,450           | 741,722               |
| <b>Total</b> .....  | <b>149,969</b>   | <b>\$ 4,709,957</b>   | <b>158,928</b>   | <b>\$ 5,409,581</b>   |
| <b>MULES</b>  |                  |                       |                  |                       |
| Jacks (number).....                                       | 75               | \$ 6,090              | 81               | \$ 5,905              |
| Work mules.....   | 8,752            | 333,274               | 9,757            | 401,745               |
| Burros .....  | 314              | 2,235                 | 333              | 2,490                 |
| <b>Total</b> .....  | <b>9,141</b>     | <b>\$ 341,599</b>     | <b>10,171</b>    | <b>\$ 410,140</b>     |

**TAXATION: ABSTRACT OF ASSESSED VALUE OF ALL REAL AND PERSONAL  
PROPERTY IN COLORADO, 1941 AND 1940—Continued**

|   | 1941             |                        | 1940             |                        |
|---|------------------|------------------------|------------------|------------------------|
|   | Acres or Number  | Amount                 | Acres or Number  | Amount                 |
| <b>SHEEP</b>  |                  |                        |                  |                        |
| Pure bred bucks and ewes (number).....                    | 23,766           | \$ 265,288             | 17,711           | \$ 174,504             |
| Stock sheep (mixed bunches).....                          | 1,338,290        | 6,038,158              | 1,262,067        | 4,729,063              |
| Ewes (over 5 years old).....                              | 95,908           | 235,024                | 184,286          | 462,455                |
| <b>Total .....</b>  | <b>1,457,964</b> | <b>\$ 6,538,470</b>    | <b>1,464,064</b> | <b>\$ 5,366,022</b>    |
| <b>LIVESTOCK FED IN TRANSIT</b>                           |                  |                        |                  |                        |
| Cattle fed in transit (number).....                       | 159,104          | \$ 1,559,636           | 145,405          | \$ 1,102,815           |
| Sheep fed in transit.....                                 | 808,662          | 820,140                | 835,907          | 630,438                |
| <b>Total ....</b>   | <b>967,766</b>   | <b>\$ 2,379,776</b>    | <b>981,312</b>   | <b>\$ 1,733,253</b>    |
| Swine (number).....                                       | 111,925          | \$ 710,889             | 125,451          | \$ 566,239             |
| Goats .....   | 14,610           | 39,943                 | 17,053           | 50,889                 |
| Foxes .....   | 8,143            | 203,300                | 11,478           | 236,865                |
| Muskrat, skunk, mink, etc.....                            | 12,120           | 103,287                | 1,305            | 6,314                  |
| Poultry (dozen).....                                      | 160,882          | 620,034                | 174,323          | 664,868                |
| Turkeys (dozen).....                                      | 2,686            | 39,488                 | 3,748            | 55,618                 |
| Ducks and geese (dozen).....                              | 40               | 370                    | 62               | 510                    |
| Bees (stands).....  | 37,869           | 115,403                | 36,630           | 112,007                |
| <b>Total .....</b>  | <b>348,275</b>   | <b>\$ 1,832,714</b>    | <b>370,050</b>   | <b>\$ 1,693,310</b>    |
| Bicycles (number).....                                    | 4,334            | \$ 48,779              | 4,082            | \$ 45,700              |
| Tractors .....  | 21,119           | 5,542,659              | 20,119           | 5,139,133              |
| Aeroplanes .....  | 162              | 328,035                | 122              | 264,880                |
| Electric refrigerators.....                               | 87,925           | 5,988,605              | 79,923           | 5,534,046              |
| Slot machines.....  | 1,123            | 58,415                 | 1,303            | 65,850                 |
| Pianos, organs and band instruments...                    | 61,200           | 3,576,741              | 60,754           | 3,576,648              |
| Radios .....  | 140,106          | 2,284,700              | 134,679          | 2,224,376              |
| Clocks and watches.....                                   | 23,231           | 330,317                | 22,817           | 325,147                |
| <b>Total .....</b>  | <b>339,203</b>   | <b>\$ 18,158,251</b>   | <b>323,799</b>   | <b>\$ 17,175,779</b>   |
| Agricultural implements, machinery and harness .....      |                  | \$ 6,782,631           |                  | \$ 5,958,043           |
| Jewelry and silverware.....                               |                  | 1,440,496              |                  | 1,375,189              |
| Libraries .....   |                  | 389,467                |                  | 392,257                |
| Household furniture.....                                  |                  | 41,435,164             |                  | 40,019,193             |
| Store and office furniture and fixtures.....              |                  | 14,195,331             |                  | 13,984,026             |
| Stocks of merchandise.....                                |                  | 65,884,344             |                  | 63,215,854             |
| Manufacturing machinery and equipment                     |                  | 26,820,574             |                  | 25,665,037             |
| All other personal property.....                          |                  | 4,225,350              |                  | 5,622,520              |
| <b>Total .....</b>  |                  | <b>\$ 161,173,387</b>  |                  | <b>\$ 156,232,119</b>  |
| <b>(B) TOTAL PERSONAL PROPERTY.....</b>                   |                  | <b>\$ 218,872,989</b>  |                  | <b>\$ 207,597,587</b>  |
| Less exemptions to heads of families.....                 |                  | \$ 36,434,210          |                  | \$ 35,556,853          |
| <b>Grand Total Net Assessment Personal Property .....</b> |                  | <b>\$ 182,438,779</b>  |                  | <b>\$ 172,040,734</b>  |
| <b>Grand Total Assessment Real Estate and Imp. ....</b>   |                  | <b>\$ 747,629,039</b>  |                  | <b>\$ 742,439,789</b>  |
| <b>TOTAL NET ASSESSMENT BY ASSESSOR .....</b>             |                  | <b>\$ 930,067,818</b>  |                  | <b>\$ 914,480,523</b>  |
| <b>(C) PUBLIC UTILITIES ASSESSED BY TAX COMMISSION:</b>   |                  |                        |                  |                        |
| Class 1, Steam Railroads.....                             |                  | \$ 103,060,430         |                  | \$ 106,316,510         |
| Class 2, Steam Railroads.....                             |                  | 5,218,770              |                  | 4,626,240              |
| Class 3, Steam Railroads.....                             |                  | 662,870                |                  | 732,850                |
| Electric and Cable Railroads.....                         |                  | 6,245,350              |                  | 6,491,400              |
| Electric companies.....                                   |                  | 49,415,560             |                  | 48,486,240             |
| Gas companies.....  |                  | 7,602,730              |                  | 7,373,600              |
| Telephone companies.....                                  |                  | 20,596,310             |                  | 20,301,720             |
| Telegraph companies.....                                  |                  | 1,253,840              |                  | 1,393,160              |
| Domestic water companies.....                             |                  | 602,670                |                  | 590,170                |
| Irrigation companies.....                                 |                  | 75,000                 |                  | 75,000                 |
| Mining companies.....                                     |                  | 15,000                 |                  | 50,000                 |
| Car line companies.....                                   |                  | 930,750                |                  | 941,210                |
| Pipe line companies.....                                  |                  | 350,760                |                  | 341,670                |
| Miscellaneous utility companies.....                      |                  | 569,745                |                  | 607,260                |
| Rural electric companies.....                             |                  | 483,200                |                  | 168,850                |
| <b>TOTAL ASSESSMENT BY COLORADO TAX COMMISSION.....</b>   |                  | <b>\$ 197,112,985</b>  |                  | <b>\$ 198,495,880</b>  |
| <b>GRAND TOTAL ASSESSMENT.....</b>                        |                  | <b>\$1,127,180,803</b> |                  | <b>\$1,112,976,403</b> |

**TAXATION: AMOUNT OF TAXES ACTUALLY COLLECTED FOR STATE PURPOSES, WITH PERCENTAGES OF TOTAL LEVIES, TO JUNE 30, 1942, BY COUNTIES AND YEARS**

(Source: State Auditor)

Note—All receipts to June 30, 1942, are allocated to the year to which the levies apply regardless of the year in which they are collected. When receipts exceed 100 per cent of the total levies, the additional amounts are derived from the collection of interest and penalties on delinquent taxes subsequently paid. While the percentages shown in this table are for taxes collected for state purposes only, the same percentages should apply to all county, municipal and other levies.

| COUNTY      | 1941        |           | 1940        |           | 1939        |           | 1938        |           |
|-------------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
|             | Receipts    | % of Levy |
| Adams       | \$ 55,657   | 56.8      | \$ 96,872   | 97.7      | \$ 97,474   | 94.5      | \$ 98,696   | 95.4      |
| Alamosa     | 16,112      | 51.4      | 27,235      | 85.1      | 27,895      | 84.6      | 26,737      | 84.8      |
| Arapahoe    | 49,615      | 60.4      | 78,089      | 97.2      | 75,932      | 95.0      | 75,861      | 94.8      |
| Archuleta   | 7,338       | 56.9      | 12,490      | 97.0      | 12,651      | 93.2      | 12,286      | 91.6      |
| Baca        | 20,668      | 56.7      | 35,676      | 98.1      | 35,298      | 87.2      | 37,741      | 88.5      |
| Bent        | 24,803      | 57.7      | 40,874      | 95.8      | 42,086      | 92.5      | 42,416      | 90.8      |
| Boulder     | 95,856      | 59.5      | 159,996     | 98.2      | 164,414     | 99.5      | 159,826     | 97.6      |
| Chaffee     | 15,038      | 51.9      | 28,120      | 94.3      | 28,986      | 89.8      | 29,833      | 90.6      |
| Cheyenne    | 20,314      | 63.3      | 31,983      | 98.3      | 32,596      | 93.8      | 34,859      | 93.9      |
| Clear Creek | 6,782       | 37.5      | 12,979      | 68.9      | 13,953      | 73.4      | 16,033      | 73.7      |
| Conejos     | 9,468       | 35.9      | 21,110      | 78.5      | 21,811      | 77.5      | 25,560      | 87.7      |
| Costilla    | 4,841       | 33.3      | 9,069       | 64.8      | 9,496       | 67.6      | 9,410       | 54.4      |
| Crowley     | 11,392      | 51.0      | 20,191      | 90.7      | 19,771      | 86.2      | 20,647      | 86.9      |
| Custer      | 3,828       | 47.1      | 7,834       | 92.7      | 8,120       | 93.3      | 9,098       | 93.3      |
| Delta       | 22,521      | 54.6      | 39,150      | 94.9      | 42,086      | 97.9      | 44,629      | 101.6     |
| Denver      | 1,033,114   | 65.2      | 1,574,520   | 99.6      | 1,530,657   | 98.9      | 1,563,089   | 98.2      |
| Dolores     | 3,468       | 52.1      | 5,322       | 85.7      | 5,126       | 87.4      | 4,888       | 87.5      |
| Douglas     | 15,785      | 52.8      | 30,068      | 99.2      | 30,258      | 93.8      | 31,077      | 93.1      |
| Eagle       | 23,261      | 53.5      | 40,393      | 98.0      | 37,872      | 93.7      | 38,987      | 91.6      |
| Elbert      | 22,305      | 57.9      | 38,343      | 97.9      | 38,667      | 94.0      | 40,390      | 94.1      |
| El Paso     | 132,666     | 60.9      | 218,896     | 99.3      | 219,168     | 97.3      | 223,343     | 97.6      |
| Fremont     | 31,675      | 55.4      | 54,294      | 94.7      | 55,287      | 92.7      | 58,769      | 93.7      |
| Garfield    | 27,958      | 54.3      | 50,831      | 98.7      | 51,423      | 96.9      | 53,637      | 96.7      |
| Gilpin      | 4,344       | 37.7      | 8,298       | 66.4      | 9,208       | 66.5      | 9,408       | 67.2      |
| Grand       | 13,545      | 52.8      | 24,903      | 96.3      | 25,339      | 89.9      | 25,613      | 89.3      |
| Gunnison    | 17,813      | 48.6      | 33,624      | 90.6      | 35,462      | 88.9      | 34,252      | 84.1      |
| Hinsdale    | 698         | 29.7      | 1,242       | 52.6      | 1,320       | 56.1      | 1,321       | 55.6      |
| Huerfano    | 18,103      | 48.2      | 35,468      | 90.2      | 34,464      | 84.7      | 33,680      | 83.6      |
| Jackson     | 7,076       | 59.6      | 11,545      | 99.7      | 11,191      | 99.2      | 11,656      | 99.3      |
| Jefferson   | 66,737      | 65.2      | 101,012     | 99.1      | 99,331      | 97.4      | 99,956      | 96.3      |
| Kiowa       | 15,222      | 59.2      | 26,994      | 97.8      | 28,596      | 91.8      | 29,358      | 92.2      |
| Kit Carson  | 24,152      | 65.9      | 37,015      | 101.4     | 47,422      | 109.6     | 42,911      | 95.4      |
| Lake        | 54,931      | 70.5      | 65,820      | 72.4      | 71,685      | 76.6      | 35,382      | 88.1      |
| La Plata    | 20,446      | 51.0      | 39,275      | 94.3      | 39,555      | 90.8      | 39,557      | 91.3      |
| Larimer     | 90,057      | 58.8      | 154,103     | 98.0      | 153,961     | 96.3      | 153,762     | 96.4      |
| Las Animas  | 52,881      | 47.2      | 107,577     | 90.9      | 100,958     | 80.1      | 105,044     | 83.5      |
| Lincoln     | 24,910      | 60.7      | 38,064      | 93.6      | 37,640      | 89.2      | 38,639      | 88.9      |
| Logan       | 54,405      | 60.5      | 89,549      | 98.3      | 90,505      | 93.4      | 91,115      | 94.2      |
| Mesa        | 45,491      | 50.4      | 86,428      | 95.3      | 86,441      | 94.5      | 89,389      | 96.4      |
| Mineral     | 3,262       | 59.7      | 4,850       | 88.6      | 4,297       | 81.9      | 4,522       | 83.8      |
| Moffat      | 15,070      | 57.8      | 23,565      | 97.7      | 24,756      | 99.3      | 26,324      | 106.2     |
| Montezuma   | 10,150      | 44.2      | 20,730      | 87.2      | 20,433      | 85.5      | 20,962      | 86.0      |
| Montrose    | 21,167      | 56.9      | 35,086      | 94.6      | 34,418      | 90.5      | 36,339      | 98.2      |
| Morgan      | 45,532      | 61.4      | 73,302      | 98.2      | 72,995      | 93.7      | 74,124      | 94.0      |
| Otero       | 50,928      | 56.4      | 88,653      | 97.5      | 88,350      | 93.4      | 90,948      | 93.7      |
| Ouray       | 5,361       | 46.5      | 9,666       | 84.2      | 10,238      | 82.7      | 9,721       | 75.7      |
| Park        | 11,270      | 60.5      | 17,202      | 94.3      | 16,916      | 94.1      | 28,638      | 91.3      |
| Phillips    | 17,285      | 62.0      | 27,918      | 98.9      | 27,892      | 95.1      | 28,665      | 95.2      |
| Pitkin      | 4,851       | 53.0      | 8,448       | 92.3      | 8,486       | 88.7      | 8,690       | 88.4      |
| Prowers     | 33,246      | 56.3      | 58,348      | 98.0      | 68,470      | 110.5     | 56,489      | 88.7      |
| Pueblo      | 130,595     | 53.2      | 238,734     | 96.8      | 235,843     | 95.5      | 241,086     | 96.2      |
| Rio Blanco  | 9,680       | 58.7      | 15,352      | 91.9      | 15,536      | 95.4      | 16,043      | 95.5      |
| Rio Grande  | 17,519      | 53.5      | 31,582      | 93.8      | 31,804      | 92.2      | 32,960      | 93.9      |
| Routt       | 24,260      | 51.5      | 47,052      | 97.9      | 47,574      | 93.8      | 49,387      | 93.0      |
| Saguache    | 14,406      | 56.2      | 24,493      | 92.2      | 25,575      | 89.6      | 27,145      | 93.1      |
| San Juan    | 3,217       | 26.8      | 6,307       | 51.1      | 7,069       | 53.3      | 9,322       | 69.1      |
| San Miguel  | 7,395       | 51.5      | 13,023      | 87.3      | 12,603      | 86.4      | 12,637      | 88.0      |
| Sedgwick    | 17,455      | 54.4      | 31,585      | 98.4      | 31,838      | 95.9      | 32,048      | 94.4      |
| Summit      | 13,283      | 69.3      | 16,686      | 55.1      | 8,545       | 78.0      | 13,262      | 75.4      |
| Teller      | 11,775      | 48.1      | 19,223      | 88.6      | 19,520      | 86.2      | 20,467      | 88.0      |
| Washington  | 22,519      | 57.7      | 38,785      | 99.3      | 40,808      | 96.4      | 42,741      | 97.9      |
| Weld        | 162,678     | 59.0      | 275,896     | 98.6      | 275,795     | 94.5      | 286,167     | 96.4      |
| Yuma        | 26,375      | 59.7      | 44,245      | 99.0      | 43,622      | 96.4      | 44,899      | 96.6      |
| State       | \$2,844,553 | 59.4      | \$4,666,033 | 96.4      | \$4,647,488 | 95.0      | \$4,712,441 | 96.9      |

**TAXATION: SUMMARY OF ACREAGE AND GROSS ASSESSED VALUE OF ALL REAL ESTATE AND IMPROVEMENTS, BY CLASSES AND BY COUNTIES, AS RETURNED BY COUNTY ASSESSORS, 1941**

(Source: State Tax Commission)

Note—Acreage of town and suburban lots is not included. (See Abstract for break-down.)

| COUNTY      | Real Estate |              |                                |            |                        |              | Value Improvements     |           |              |                                | Total, All Land and Improvements (Value) |                        |                    |
|-------------|-------------|--------------|--------------------------------|------------|------------------------|--------------|------------------------|-----------|--------------|--------------------------------|--|------------------------|--------------------|
|             | Farm Land   |              | Mineral Land and Miscellaneous |            | Town and Suburban Lots |              | Total, All Real Estate |           | Farm Land    | Mineral Land and Miscellaneous |  | Town and Suburban Lots | Total Improvements |
|             | Acres       | Value        | Acres                          | *Value     | Value                  | Value        | Total, All Real Estate |           |              |                                |  |                        |                    |
|             |             |              |                                |            |                        |              | Total, All Real Estate | Value     |              |                                |  |                        |                    |
| Adams       | 736,282     | \$ 8,755,520 | 289,740                        | \$ 323,590 | \$ 745,730             | \$ 9,824,840 | \$ 3,826,670           | \$ 1,930  | \$ 1,890,400 | \$ 5,719,000                   | \$ 15,543,840                            |                        |                    |
| Alamosa     | 352,465     | 2,326,055    | 109,445                        | 109,445    | 579,176                | 3,014,676    | 419,655                | 6,580     | 1,641,904    | 2,068,139                      | 5,082,815                                |                        |                    |
| Arapahoe    | 434,428     | 4,065,600    | 217,664                        | 1,959,125  | 1,959,125              | 6,243,365    | 2,230,500              | 5,060     | 5,491,050    | 7,726,610                      | 13,969,975                               |                        |                    |
| Archuleta   | 309,658     | 1,050,965    | 747                            | 13,323     | 87,385                 | 1,151,673    | 2,69,915               | 1,900     | 264,355      | 536,170                        | 1,687,843                                |                        |                    |
| Baca        | 1,347,410   | 3,492,470    | 13,865                         | 26,030     | 96,370                 | 3,614,870    | 341,670                | 1,385     | 488,935      | 831,090                        | 4,445,960                                |                        |                    |
| Bent        | 768,310     | 3,743,371    | 1,165                          | 3,660      | 255,720                | 4,002,751    | 477,720                | 20,140    | 891,160      | 1,389,920                      | 5,391,771                                |                        |                    |
| Boulder     | 263,885     | 6,153,920    | 43,168                         | 1,020,760  | 3,792,430              | 10,967,110   | 2,758,080              | 351,110   | 9,643,170    | 12,732,860                     | 23,699,470                               |                        |                    |
| Chaffee     | 110,061     | 994,140      | 8,572                          | 177,995    | 658,325                | 1,830,460    | 338,225                | 20,940    | 1,614,325    | 2,033,490                      | 3,863,950                                |                        |                    |
| Cheyenne    | 1,068,833   | 3,255,490    | 589,455                        | 529,355    | 77,865                 | 3,863,310    | 237,125                | 3,940     | 321,990      | 559,155                        | 4,422,465                                |                        |                    |
| Clear Creek | 27,961      | 3,177,160    | 31,471                         | 1,335,290  | 336,600                | 1,848,950    | 17,910                 | 536,910   | 622,490      | 1,177,310                      | 3,026,260                                |                        |                    |
| Conejos     | 286,563     | 3,130,127    | 1,488                          | 16,805     | 148,375                | 3,295,307    | 411,690                | 13,910    | 521,690      | 947,178                        | 4,242,485                                |                        |                    |
| Costilla    | 733,534     | 1,633,865    | 1,248                          | 153,365    | 96,325                 | 1,864,085    | 211,690                | 150       | 151,500      | 363,340                        | 2,227,395                                |                        |                    |
| Crowley     | 431,770     | 2,325,695    | 11,180                         | 19,455     | 168,615                | 2,513,795    | 532,000                | 30,605    | 448,490      | 1,071,095                      | 3,584,890                                |                        |                    |
| Custer      | 277,000     | 1,015,425    | 6,425                          | 95,755     | 47,412                 | 1,158,632    | 246,747                | 14,988    | 138,473      | 400,208                        | 1,558,800                                |                        |                    |
| Delta       | 306,673     | 3,225,815    | 1,140                          | 25,950     | 709,115                | 3,960,880    | 846,745                | 54,305    | 1,463,315    | 2,364,365                      | 6,325,245                                |                        |                    |
| Denver      | 226,302     | 780,225      | 4,468                          | 3,077,060  | 92,781,830             | 95,858,890   | 50,665                 | 5,413,060 | 163,767,640  | 169,180,700                    | 265,039,590                              |                        |                    |
| Dolores     | 375,504     | 1,709,145    | 3,045                          | 213,765    | 43,080                 | 1,037,070    | 50,665                 | 77,240    | 163,60,365   | 188,370                        | 1,225,340                                |                        |                    |
| Douglas     | 206,239     | 1,639,859    | 5,199                          | 32,230     | 58,085                 | 1,799,460    | 1,373,560              | 24,060    | 317,630      | 1,715,250                      | 3,514,710                                |                        |                    |
| Eagle       | 1,012,649   | 4,513,590    | 330,820                        | 3,470      | 82,615                 | 5,292,075    | 215,195                | 573,506   | 389,930      | 1,277,931                      | 6,568,550                                |                        |                    |
| Elbert      | 1,008,136   | 4,459,810    | 13,953                         | 172,220    | 8,957,190              | 13,589,320   | 1,373,550              | 28,330    | 29,630       | 1,073,975                      | 5,993,850                                |                        |                    |
| Fremont     | 425,570     | 2,025,310    | 27,741                         | 562,885    | 1,427,695              | 4,015,890    | 652,440                | 1,024,885 | 2,966,130    | 4,643,455                      | 8,659,345                                |                        |                    |
| Garfield    | 433,457     | 3,309,060    | 132,951                        | 464,505    | 499,505                | 4,273,070    | 634,615                | 57,250    | 1,327,505    | 2,029,370                      | 6,302,440                                |                        |                    |
| Gibbin      | 32,081      | 104,335      | 17,777                         | 844,050    | 96,640                 | 1,043,025    | 35,010                 | 302,115   | 264,335      | 601,660                        | 1,646,685                                |                        |                    |
| Grand       | 333,877     | 1,298,570    | 1,406                          | 68,840     | 268,510                | 1,633,920    | 357,940                | 47,740    | 620,160      | 1,026,140                      | 2,662,060                                |                        |                    |
| Gunnison    | 339,764     | 1,790,925    | 39,451                         | 1,081,300  | 216,840                | 3,089,065    | 445,135                | 433,380   | 999,465      | 1,877,980                      | 4,967,040                                |                        |                    |

|                         |            |               |           |              |               |               |              |               |               |               |
|-------------------------|------------|---------------|-----------|--------------|---------------|---------------|--------------|---------------|---------------|---------------|
| Hinsdale .....          | 82,640     | 213,400       | 35,240    | 331,280      | 18,055        | 48,040        | 39,745       | 105,840       | 437,120       |               |
| Huerrano .....          | 1,909,030  | 250,560       | 645,150   | 2,804,740    | 297,465       | 357,415       | 1,490,160    | 2,145,040     | 4,949,080     |               |
| Jackson .....           | 1,101,024  | 6,846         | 40,134    | 1,165,059    | 233,811       | 23,070        | 192,156      | 379,037       | 1,544,096     |               |
| Jefferson .....         | 5,502,090  | 52,833        | 133,150   | 7,062,785    | 5,906,335     | 1,170,000     | 3,904,295    | 10,980,650    | 18,043,435    |               |
| Kiowa .....             | 3,036,438  | 93,966        | 63,570    | 3,148,919    | 126,964       | 1,140         | 266,445      | 394,545       | 3,543,458     |               |
| Kit Carson... 1,302,432 | 5,007,770  | 119,391       | 193,615   | 5,323,270    | 558,945       | 67,555        | 738,530      | 1,365,030     | 6,688,300     |               |
| Lake .....              | 27,814     | 11,509,190    | 186,600   | 11,810,285   | 34,800        | 1,403,190     | 590,010      | 2,098,000     | 13,838,285    |               |
| La Plata .....          | 448,325    | 182,145       | 876,260   | 3,294,680    | 484,885       | 79,390        | 1,605,875    | 2,170,160     | 5,433,210     |               |
| Larimer .....           | 7,753,326  | 372,100       | 3,211,250 | 11,433,880   | 4,943,060     | 107,070       | 3,876,940    | 13,624,070    | 25,063,950    |               |
| Las Animas...           | 2,709,518  | 475,985       | 2,281,255 | 8,820,946    | 394,138       | 17,340        | 3,674,452    | 4,868,722     | 6,238,768     |               |
| Lincoln .....           | 1,508,605  | 503,370       | 1,065,980 | 5,243,980    | 334,135       | 58,235        | 3,674,450    | 4,953,575     | 6,238,768     |               |
| Logan .....             | 995,894    | 24,854        | 100,975   | 7,639,400    | 1,318,700     | .....         | 3,004,875    | 4,523,575     | 12,221,975    |               |
| Mesa .....              | 543,404    | 39,330        | 1,566,990 | 7,172,940    | 2,027,170     | 31,280        | 5,241,980    | 7,309,430     | 14,473,370    |               |
| Mineral .....           | 28,667     | 348,068       | 24,160    | 501,324      | 133,505       | 72,070        | 132,570      | 328,145       | 823,469       |               |
| Moffat .....            | 2,205,620  | 25,780        | 215,910   | 2,447,315    | 325,005       | 351,805       | 1,544,895    | 3,392,210     | 5,392,210     |               |
| Montezuma ..            | 2,678,345  | 64,425        | 214,220   | 2,956,990    | 577,818       | 8,000         | 715,370      | 1,301,188     | 4,258,178     |               |
| Montrose .....          | 425,889    | 337,490       | 560,110   | 3,821,460    | 616,535       | 110,170       | 1,231,260    | 1,957,365     | 5,773,425     |               |
| Morgan .....            | 5,589,045  | 745,858       | 754,700   | 6,369,095    | 1,887,200     | 12,520        | 2,661,570    | 4,561,290     | 10,930,385    |               |
| Otero .....             | 504,071    | 2,185         | 1,350,900 | 6,387,035    | 2,506,975     | 132,620       | 4,580,195    | 7,263,790     | 13,636,525    |               |
| Ourray .....            | 158,729    | 14,763        | 731,361   | 1,408,298    | 86,725        | 149,635       | 179,935      | 416,295       | 1,824,593     |               |
| Park .....              | 531,410    | 28,792        | 83,570    | 2,239,435    | 476,530       | 151,450       | 326,390      | 954,370       | 3,193,805     |               |
| Phillips .....          | 410,132    | 14,509        | 178,370   | 3,439,150    | 456,095       | 88,580        | 535,955      | 1,080,630     | 4,519,780     |               |
| Pitkin .....            | 676,795    | 19,373        | 68,680    | 918,645      | 206,420       | 18,160        | 130,720      | 353,300       | 1,273,945     |               |
| Prowers .....           | 6,187,760  | 2,370         | 637,580   | 6,837,710    | 877,460       | 31,260        | 1,874,690    | 2,613,410     | 9,611,120     |               |
| Pueblo .....            | 5,057,463  | .....         | 6,984,473 | 12,027,426   | 1,220,110     | 8,140         | 15,788,552   | 20,016,802    | 32,044,228    |               |
| Rio Blanco...           | 431,705    | 39,473        | 71,165    | 1,917,215    | 436,010       | 12,700        | 282,440      | 731,150       | 2,648,365     |               |
| Rio Grande...           | 222,088    | 933           | 3,384,205 | 3,918,255    | 485,010       | 138,050       | 1,051,730    | 1,677,490     | 5,593,045     |               |
| Routt .....             | 695,330    | 42,551        | 367,280   | 3,554,330    | 653,410       | 326,150       | 920,930      | 1,810,490     | 5,364,820     |               |
| Saguache .....          | 582,477    | 4,890         | 115,475   | 2,564,350    | 337,600       | 45,700        | 427,185      | 810,485       | 3,374,835     |               |
| San Juan .....          | 1,625      | 1,412,550     | 122,704   | 1,536,879    | .....         | 467,490       | 234,320      | 601,810       | 1,228,689     |               |
| San Miguel...           | 260,499    | 15,082        | 116,510   | 1,505,800    | 174,610       | 234,530       | 395,150      | 804,290       | 2,310,090     |               |
| Sedgwick .....          | 307,458    | 2,866,660     | 185,300   | 3,093,340    | 516,660       | 5,010         | 639,380      | 1,161,050     | 4,254,390     |               |
| Summit .....            | 42,745     | 1,109,725     | 48,955    | 1,385,395    | 78,805        | 1,036,240     | 134,255      | 1,249,300     | 2,634,695     |               |
| Teller .....            | 156,304    | 386,760       | 123,220   | 1,954,400    | 227,140       | 506,205       | 917,410      | 1,650,755     | 3,603,455     |               |
| Washington ..           | 1,453,281  | 5,333,775     | 121,275   | 5,473,768    | 500,450       | .....         | 525,225      | 1,025,675     | 6,499,443     |               |
| Weid .....              | 2,047,567  | 1,384,960     | 2,425,630 | 25,183,080   | 6,088,780     | 715,720       | 8,890,860    | 15,693,360    | 40,878,440    |               |
| Yuma .....              | 1,446,910  | 5,403,533     | 361,310   | 5,765,683    | 668,750       | .....         | 845,110      | 1,513,860     | 7,279,543     |               |
| State .....             | 36,908,909 | \$199,193,768 | 3,944,140 | \$37,616,427 | \$141,354,249 | \$378,164,444 | \$59,278,149 | \$291,474,857 | \$369,464,595 | \$747,629,039 |

\*Includes Output Metalliferous Mines, and Equities in State and School Land.

**TAXATION: SUMMARY OF NUMBER AND GROSS VALUE OF ALL LIVESTOCK, INCLUDING CATTLE AND SHEEP FED IN TRANSIT BY CLASSES AND COUNTIES, AS RETURNED BY COUNTY ASSESSORS, 1941**

(Source: State Tax Commission)

Note—Included under cattle and sheep are 159,104 cattle, valued at \$1,559,636, and 808,662 sheep, valued at \$820,140, fed in transit. (See Abstract for break-down.)

| COUNTY            | Cattle |            | Horses |            | Mules  |          | Sheep   |           | All Other |            | Total, All Livestock |
|-------------------|--------|------------|--------|------------|--------|----------|---------|-----------|-----------|------------|----------------------|
|                   | Number | Value      | Number | Value      | Number | Value    | Number  | Value     | Number*   | Value      |                      |
|                   |        |            |        |            |        |          |         |           |           |            |                      |
| Adams .....       | 17,104 | \$ 490,580 | 3,314  | \$ 112,339 | 187    | \$ 6,960 | 25,851  | \$ 69,455 | 14,584    | \$ 109,625 | \$ 788,950           |
| Alamosa .....     | 9,623  | 253,885    | 1,011  | 46,860     | 56     | 3,425    | 15,940  | 68,260    | 728       | 17,375     | 389,805              |
| Arapahoe .....    | 10,440 | 408,325    | 1,929  | 73,155     | 84     | 8,162    | 13,712  | 52,255    | 2,494     | 50,745     | 587,960              |
| Archuleta .....   | 9,591  | 252,785    | 1,362  | 69,305     | 71     | 1,325    | 21,006  | 95,046    | 862       | 6,770      | 425,231              |
| Baca .....        | 16,511 | 393,130    | 1,459  | 35,075     | 73     | 2,120    | 10,883  | 47,730    | 2,533     | 21,960     | 500,015              |
| Bent .....        | 13,280 | 264,175    | 2,723  | 161,710    | 208    | 4,784    | 50,010  | 87,851    | 1,696     | 23,647     | 442,167              |
| Boulder .....     | 25,828 | 524,270    | 2,979  | 105,070    | 240    | 11,750   | 13,488  | 30,940    | 1,893     | 45,380     | 717,410              |
| Chaffee .....     | 4,201  | 94,130     | 778    | 25,980     | 11     | 440      | 4,113   | 17,805    | 689       | 7,310      | 145,665              |
| Cheyenne .....    | 21,245 | 471,075    | 1,176  | 27,640     | 34     | 970      | 19,847  | 78,440    | 598       | 9,555      | 587,680              |
| Clear Creek ..... | 678    | 9,080      | 184    | 4,170      | ..     | ..       | 7,725   | 6,400     | 90        | 2,800      | 22,450               |
| Conejos .....     | 10,520 | 258,765    | 2,025  | 79,245     | 159    | 5,620    | 55,501  | 253,970   | 1,366     | 21,035     | 618,985              |
| Costilla .....    | 3,189  | 73,720     | 851    | 30,180     | 70     | 2,070    | 147,930 | 17,100    | 2,286     | 17,100     | 271,000              |
| Crowley .....     | 13,749 | 296,775    | 1,899  | 47,250     | 193    | 5,735    | 12,578  | 44,245    | 1,761     | 23,040     | 417,045              |
| Custer .....      | 7,033  | 164,792    | 903    | 29,480     | 32     | 1,450    | 6,737   | 29,059    | 475       | 8,180      | 232,971              |
| Delta .....       | 19,431 | 481,650    | 3,864  | 108,245    | 282    | 9,130    | 37,717  | 152,735   | 3,500     | 42,150     | 795,130              |
| Denver .....      | 462    | 15,320     | 464    | 18,700     | ..     | ..       | ..      | ..        | ..        | 2,730      | 33,480               |
| Dolores .....     | 3,337  | 70,945     | 322    | 8,020      | ..     | 605      | ..      | 105,615   | ..        | 4,002      | 188,700              |
| Douglas .....     | 15,521 | 332,110    | 1,598  | 52,810     | 35     | 1,230    | 246     | 1,240     | 1,481     | 30,175     | 477,565              |
| Eagle .....       | 16,339 | 378,379    | 1,671  | 61,895     | 91     | 3,495    | 29,852  | 148,850   | 455       | 6,841      | 599,460              |
| Elbert .....      | 27,550 | 717,591    | 3,755  | 111,400    | 180    | 6,465    | 27,354  | 117,829   | 2,574     | 35,717     | 989,002              |
| El Paso .....     | 31,085 | 844,620    | 4,205  | 135,570    | 300    | 10,180   | 10,269  | 46,720    | 5,160     | 89,870     | 1,126,360            |
| Fremont .....     | 11,010 | 300,985    | 1,526  | 48,425     | 97     | 4,285    | 1,400   | 6,325     | 1,494     | 25,680     | 385,700              |
| Garfield .....    | 29,142 | 665,835    | 4,795  | 175,340    | 166    | 5,845    | 65,955  | 307,660   | 2,444     | 39,830     | 1,194,010            |
| Gilpin .....      | 997    | 25,025     | 126    | 3,565      | ..     | ..       | ..      | 2,820     | ..        | 185        | 31,285               |
| Grand .....       | 12,009 | 306,445    | 2,016  | 64,080     | ..     | ..       | 16,597  | 64,310    | ..        | 2,345      | 437,180              |
| Gunnison .....    | 27,884 | 622,745    | 2,605  | 89,725     | 186    | 7,990    | 50,292  | 234,440   | 541       | 10,640     | 965,640              |
| Hinsdale .....    | 1,759  | 37,215     | 181    | 4,490      | 1      | 25       | 13,034  | 58,710    | ..        | 13,515     | 100,440              |
| Huerfano .....    | 14,574 | 339,375    | 2,355  | 74,830     | 83     | 4,830    | 30,268  | 135,630   | 1,757     | 13,515     | 568,780              |

|            |           |              |         |             |        |           |             |         |             |              |
|------------|-----------|--------------|---------|-------------|--------|-----------|-------------|---------|-------------|--------------|
| Jackson    | 28,049    | 642,558      | 2,719   | 83,740      | 1,150  | 29,933    | 140,984     | 36      | 877         | 869,309      |
| Jefferson  | 12,852    | 313,315      | 2,652   | 72,690      | 3,035  | 2,910     | 12,495      | 6,122   | 111,045     | 513,180      |
| Kiowa      | 19,452    | 438,436      | 1,098   | 24,985      | 1,850  | 10,531    | 48,075      | 1,756   | 15,784      | 529,130      |
| Kit Carson | 27,936    | 651,410      | 4,924   | 113,825     | 6,230  | 12,531    | 49,155      | 4,691   | 48,380      | 868,700      |
| Lake       | 974       | 21,215       | 93      | 3,315       | 3,160  | 9,950     | 8,955       | 6,669   | 43,680      | 33,485       |
| La Plata   | 14,018    | 373,665      | 2,991   | 94,285      | 15,920 | 27,802    | 135,415     | 3,229   | 649,305     | 649,305      |
| Larimer    | 30,515    | 821,280      | 5,684   | 170,420     | 438    | 141,713   | 251,720     | 3,032   | 56,500      | 1,315,790    |
| Las Animas | 39,518    | 815,265      | 4,411   | 133,709     | 26,410 | 52,052    | 232,360     | 9,811   | 36,470      | 1,234,214    |
| Lincoln    | 31,423    | 682,905      | 2,655   | 79,690      | 3,745  | 31,092    | 141,965     | 2,109   | 67,160      | 936,465      |
| Logan      | 43,573    | 903,910      | 5,132   | 153,140     | 13,140 | 38,028    | 60,400      | 4,692   | 67,905      | 1,200,495    |
| Mesa       | 30,854    | 795,700      | 4,831   | 142,850     | 11,000 | 37,472    | 180,810     | 3,305   | 51,650      | 1,182,010    |
| Mineral    | 10,672    | 18,445       | 1,800   | 6,645       | 10,255 | 10,255    | 46,181      | 3,900   | 46,181      | 111,955      |
| Monteal    | 13,281    | 30,740       | 2,927   | 79,370      | 2,910  | 134,040   | 62,852      | 610     | 9,205       | 1,023,745    |
| Montezuma  | 10,700    | 223,850      | 2,734   | 63,320      | 2,635  | 27,835    | 43,743      | 3,156   | 44,743      | 99,516       |
| Montrose   | 3,893     | 58,980       | 2,972   | 123,835     | 7,095  | 79,593    | 35,770      | 3,518   | 45,400      | 89,180       |
| Morgan     | 33,252    | 558,955      | 4,848   | 111,245     | 18,425 | 154,161   | 194,445     | 4,515   | 54,755      | 997,825      |
| Otero      | 18,660    | 489,260      | 3,103   | 112,735     | 22,515 | 66,656    | 172,595     | 4,371   | 58,225      | 855,330      |
| Ouray      | 6,761     | 146,545      | 576     | 17,390      | 425    | 12,410    | 56,750      | 225     | 3,255       | 223,365      |
| Park       | 12,181    | 312,675      | 1,357   | 43,580      | 1,655  | 27,820    | 122,960     | 261     | 3,690       | 484,560      |
| Phillips   | 10,197    | 256,018      | 1,094   | 57,966      | 2,010  | 4,580     | 35,248      | 3,260   | 39,426      | 340,768      |
| Pitkin     | 7,065     | 173,935      | 775     | 28,400      | 630    | 18,524    | 33,530      | 4,475   | 29,970      | 64,970       |
| Prowers    | 13,686    | 295,712      | 3,751   | 113,672     | 5,350  | 63,070    | 52,238      | 3,602   | 33,538      | 545,760      |
| Pueblo     | 19,625    | 468,285      | 2,566   | 78,265      | 5,130  | 16,300    | 50,670      | 2,840   | 28,310      | 630,660      |
| Rio Blanco | 25,864    | 518,080      | 2,350   | 75,700      | 2,490  | 62,886    | 290,010     | 577     | 10,790      | 807,070      |
| Rio Grande | 8,412     | 196,390      | 1,598   | 51,395      | 7,850  | 51,121    | 212,435     | 3,780   | 37,830      | 595,600      |
| Routt      | 26,469    | 644,355      | 4,332   | 111,770     | 1,410  | 86,009    | 389,745     | 1,183   | 15,330      | 1,162,670    |
| Saguache   | 18,826    | 402,890      | 1,682   | 53,250      | 3,440  | 54,477    | 242,503     | 890     | 12,028      | 714,111      |
| San Juan   | 159       | 3,475        | 4       | 200         | 2,000  | 6,515     | 22,200      | 111     | 26,055      | 30,750       |
| San Miguel | 3,627     | 78,045       | 560     | 17,280      | 1,750  | 38,070    | 172,600     | 3,215   | 272,950     | 324,170      |
| Sedgwick   | 11,863    | 268,430      | 694     | 30,550      | 3,450  | 2,108     | 3,840       | 1,495   | 17,850      | 324,170      |
| Summit     | 3,413     | 96,660       | 415     | 11,875      | 1,200  | 18,255    | 24,575      | 20      | 390         | 133,320      |
| Teller     | 4,718     | 127,430      | 744     | 24,375      | 360    | 1,251     | 5,975       | 250     | 5,400       | 163,540      |
| Washington | 28,140    | 700,140      | 6,117   | 131,680     | 6,470  | 26,856    | 101,745     | 3,667   | 48,720      | 988,755      |
| Weed       | 117,184   | 2,057,150    | 12,157  | 472,250     | 47,450 | 310,522   | 293,410     | 10,244  | 175,130     | 3,045,890    |
| Yuma       | 34,609    | 945,840      | 3,862   | 101,210     | 8,240  | 4,020     | 18,690      | 4,767   | 61,880      | 1,135,860    |
| State      | 1,107,881 | \$25,298,471 | 149,969 | \$4,709,957 | 9,141  | \$341,599 | \$7,358,610 | 146,798 | \$1,832,714 | \$39,541,351 |

\*Includes number of swine, goats, foxes, muskrat, skunk, mink, etc., but not number of poultry and ducks, which are assessed dozens, nor bees, which are assessed by stands, but value of all these are included under "value."

**TAXATION: SUMMARY OF VALUE OF PERSONAL PROPERTY, OTHER THAN LIVESTOCK, BY CLASSES AND COUNTIES, AS RETURNED BY COUNTY ASSESSORS, 1941**

(Source: State Tax Commission)

Note—Break-down of items in this summary is shown in Abstract of Assessed Values.

| COUNTY      | Bicycles, Tractors, Musical Instruments, Clocks and Watches, Etc. |            | Agricultural Implements, Machinery and Harness | Jewelry, Silverware, Libraries and Miscellaneous | Household Furniture | Store and Office Furniture and Fixtures | Stocks of Merchandise | Manufacturing Machinery and Equipment | Total Personal Property Other Than Livestock |
|-------------|---|------------|--|--|---------------------|---|-----------------------|---------------------------------------|--|
|             | Number  | Value      |  |  |                     |   |                       |                                       |  |
| Adams       | 6,028   | \$ 395,720 | \$ 286,250                                     | \$ 8,060   | \$ 483,730          | \$ 88,705                               | \$ 1,102,125          | \$ 793,390                            | \$ 3,157,980                                 |
| Alamosa     | 1,080   | 96,475     | 81,970   | 1,370  | 228,300             | 92,488                                  | 539,623               | .....                                 | 869,126                                      |
| Arapahoe    | 12,387  | 143,345    | 91,240   | 18,020   | 579,965             | 122,250                                 | 519,575               | 340,675                               | 2,423,450                                    |
| Archuleta   | 547   | 18,345     | 13,325   | 114,569  | 60,260              | 26,525                                  | 102,204               | 16,251                                | 379,979                                      |
| Baca        | 1,527   | 169,815    | 78,760   | 1,165  | 70,695              | 57,475                                  | 140,680               | .....                                 | 518,590                                      |
| Bent        | 1,169   | 77,560     | 274,430  | 31,599   | 72,430              | 74,730                                  | 244,543               | 12,270                                | 781,562                                      |
| Boulder     | 8,882   | 430,600    | 99,070   | 70,180   | 1,379,050           | 537,450                                 | 1,603,270             | 326,190                               | 4,445,810                                    |
| Chaffee     | 2,154   | 95,565     | 19,840   | 26,090   | 241,885             | 87,135                                  | 229,945               | 137,715                               | 838,175                                      |
| Cheyenne    | 597   | 37,980     | 25,660   | 4,365  | 20,310              | 10,940                                  | 53,545                | .....                                 | 152,700                                      |
| Clear Creek | 857   | 37,650     | 1,430  | 145,940  | 131,610             | 44,980                                  | 78,080                | .....                                 | 437,690                                      |
| Conejos     | 967   | 90,000     | 86,705   | 17,085   | 106,560             | 26,885                                  | 117,785               | .....                                 | 451,020                                      |
| Costilla    | 581   | 8,620      | 77,695   | 7,895  | 60,335              | 14,190                                  | 166,400               | .....                                 | 297,935                                      |
| Crowley     | 2,789   | 11,345     | 69,165   | 3,120  | 120,570             | 21,580                                  | 146,185               | 19,880                                | 494,845                                      |
| Custer      | 585   | 23,334     | 28,319   | 1,125  | 48,675              | 7,810                                   | 32,358                | 10,787                                | 158,908                                      |
| Delta       | 3,821   | 185,835    | 123,170  | 40,485   | 306,800             | 67,780                                  | 512,230               | 304,115                               | 1,540,415                                    |
| Denver      | 129,991   | 6,566,270  | 2,150  | 2,553,190  | 22,885,860          | 7,393,430                               | 34,354,140            | 9,957,810                             | 83,712,850                                   |
| Dolores     | 343   | 64,000     | 23,385   | 500  | 18,515              | 10,000                                  | 27,865                | 10,600                                | 134,865                                      |
| Douglas     | 1,125   | 103,615    | 62,705   | 14,150   | 109,025             | 19,240                                  | 51,160                | 110,005                               | 469,900                                      |
| Eagle       | 1,254   | 60,350     | 66,330   | 35,555   | 97,690              | 24,168                                  | 115,005               | .....                                 | 399,098                                      |
| Elbert      | 1,490   | 188,296    | 146,757  | 3,917  | 87,864              | 20,332                                  | 72,774                | .....                                 | 519,990                                      |
| El Paso     | 20,149  | 990,410    | 91,670   | 152,320  | 2,490,380           | 1,236,210                               | 3,237,610             | 271,900                               | 8,470,400                                    |
| Fremont     | 7,418   | 224,870    | 33,010   | 97,755   | 487,310             | 150,465                                 | 548,940               | 100,405                               | 1,642,755                                    |
| Garfield    | 3,127   | 186,090    | 145,750  | 7,265  | 338,315             | 98,020                                  | 249,860               | 83,580                                | 1,409,380                                    |
| Gilpin      | 377   | 10,985     | 1,305  | 39,825   | 62,625              | 6,585                                   | 23,480                | .....                                 | 144,805                                      |
| Grand       | 541   | 39,285     | 32,725   | 107,305  | 40,150              | 129,790                                 | 120,195               | .....                                 | 469,450                                      |
| Gunnison    | 1,691   | 68,110     | 59,095   | 24,810   | 203,795             | 52,660                                  | 275,065               | 94,045                                | 777,580                                      |
| Hinsdale    | 63  | 1,945      | 5,935  | 3,495  | 12,120              | 3,385                                   | 1,500                 | .....                                 | 28,380                                       |
| Huerfano    | 1,963   | 73,605     | 38,425   | 23,875   | 120,140             | 95,730                                  | 278,210               | 98,375                                | 728,360                                      |

|             |         |              |             |             |              |              |              |              |               |
|-------------|---------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|---------------|
| Jackson     | 482     | 33,118       | 34,568      | 17,400      | 37,490       | 7,539        | 97,155       | 63,026       | 290,296       |
| Jefferson   | 7,877   | 271,420      | 131,915     | 174,885     | 829,205      | 101,385      | 422,725      | 243,620      | 2,175,155     |
| Kiowa       | 1,100   | 56,249       | 33,527      | 1,766       | 43,974       | 6,986        | 49,044       | .....        | 191,546       |
| Kit Carson  | 2,988   | 140,020      | 111,390     | 19,385      | 120,580      | 46,385       | 127,105      | .....        | 566,465       |
| Lake        | 923     | 40,445       | 1,620       | 28,110      | 166,520      | 81,605       | 867,980      | 1,732,620    | 2,918,900     |
| La Plata    | 2,040   | 117,410      | 81,605      | 102,540     | 253,850      | 360,345      | 534,745      | 45,650       | 1,212,105     |
| Larimer     | 9,006   | 498,100      | 255,170     | 101,150     | 962,540      | 360,870      | 2,396,610    | 315,270      | 4,889,710     |
| Las Animas  | 3,501   | 151,668      | 65,960      | 56,908      | 405,180      | 175,831      | 780,558      | 725,440      | 2,361,545     |
| Lincoln     | 2,063   | 117,110      | 39,515      | 4,405       | 83,135       | 41,185       | 141,035      | .....        | 426,385       |
| Logan       | 7,712   | 454,375      | 385,460     | 19,560      | 436,840      | 211,360      | 912,890      | 280,665      | 2,701,750     |
| Mesa        | 9,599   | 486,200      | 233,770     | 12,120      | 750,270      | 490,680      | 1,371,140    | 117,770      | 3,391,950     |
| Mineral     | 3,317   | 14,800       | 3,010       | 9,755       | 35,905       | 9,190        | 22,800       | 1,650        | 97,350        |
| Monte Vista | 1,352   | 86,900       | 70,370      | 209,160     | 107,445      | 64,810       | 163,695      | 150,000      | 852,850       |
| Montezuma   | 1,962   | 150,905      | 119,275     | 19,140      | 124,470      | 65,090       | 211,360      | 25,130       | 745,350       |
| Montrose    | 1,906   | 143,045      | 354,630     | 40,250      | 154,340      | 63,555       | 334,160      | 53,150       | 1,127,030     |
| Morgan      | 6,797   | 363,350      | 267,880     | 10,200      | 373,625      | 193,350      | 1,145,055    | 32,480       | 2,413,340     |
| Otero       | 8,121   | 480,335      | 286,530     | 65,860      | 732,285      | 462,590      | 1,501,070    | 77,880       | 3,606,550     |
| Ouray       | 351     | 11,070       | 17,055      | 11,912      | 66,765       | 11,100       | 30,043       | 2,060        | 150,005       |
| Park        | 648     | 15,610       | 462,225     | 27,510      | 56,115       | 27,025       | 45,795       | .....        | 624,980       |
| Phillips    | 2,507   | 205,034      | 158,950     | 33,045      | 146,463      | 57,125       | 176,735      | .....        | 782,992       |
| Pitkin      | 368     | 23,475       | 22,415      | 12,090      | 40,065       | 7,080        | 21,555       | .....        | 192,880       |
| Prowers     | 4,523   | 240,059      | 119,462     | 7,113       | 215,886      | 100,077      | 445,835      | 104,765      | 1,233,260     |
| Pueblo      | 19,661  | 640,805      | 60,495      | 41,473      | 1,643,167    | 446,605      | 4,675,012    | 8,171,235    | 15,678,797    |
| Rio Blanco  | 374     | 45,020       | 46,240      | 151,908     | 42,810       | 12,185       | 59,350       | 6,260        | 363,773       |
| Rio Grande  | 1,000   | 157,235      | 89,530      | 4,175       | 177,055      | 73,130       | 289,400      | .....        | 790,525       |
| Routt       | 1,303   | 88,480       | 91,300      | 21,110      | 166,205      | 58,110       | 199,050      | 629,650      | 1,253,905     |
| Saguache    | 480     | 58,065       | 38,460      | 2,438       | 60,390       | 13,280       | 81,980       | 45,460       | 300,078       |
| San Juan    | 341     | 11,155       | 370         | 57,690      | 45,970       | 18,160       | 56,340       | .....        | 189,655       |
| San Miguel  | 437     | 25,220       | 11,450      | 26,790      | 71,310       | 14,080       | 36,650       | 51,450       | 237,350       |
| Sedgwick    | 1,189   | 122,390      | 112,070     | 10,720      | 109,000      | 42,830       | 533,410      | 830,000      | 1,761,420     |
| Summit      | 141     | 3,640        | 7,035       | 1,123,450   | 23,800       | 13,360       | 24,780       | .....        | 1,202,065     |
| Teller      | 1,717   | 64,703       | 14,035      | 6,805       | 162,085      | 43,035       | 258,685      | .....        | 549,348       |
| Washington  | 2,375   | 177,730      | 129,430     | 7,875       | 92,310       | 30,130       | 108,435      | .....        | 546,010       |
| Weld        | 17,945  | 1,451,390    | 618,940     | 55,390      | 1,257,750    | 313,430      | 2,866,620    | 425,450      | 6,988,970     |
| Yuma        | 2,621   | 321,370      | 204,450     | 20,810      | 147,840      | 65,570       | 231,790      | .....        | 991,830       |
| State       | 339,203 | \$18,158,251 | \$6,782,631 | \$6,055,343 | \$41,435,164 | \$14,195,331 | \$65,884,344 | \$26,820,574 | \$179,331,678 |

**TAXATION: SUMMARY OF CORPORATION VALUATION BY TAX COMMISSION, BY CLASSES AND COUNTIES, 1941**  
(Source: State Tax Commission)

| COUNTY      | Steam<br>Railroads | Electric<br>Railroads | Electric<br>Light and<br>Power | Natural Gas | Telephone  | Telegraph | *Domestic<br>Water<br>Irrigation<br>and<br>Mining | Private<br>Car<br>Lines | †Miscel-<br>laneous<br>Utilities<br>and Pipe<br>Lines | Total        |
|-------------|--------------------|-----------------------|--------------------------------|-------------|------------|-----------|---|-------------------------|---|--------------|
| Adams       | \$ 3,423,910       | .....                 | \$ 297,990                     | \$ 5,140    | \$ 317,850 | \$ 54,420 | \$ 650  | \$ 24,700               | \$ 150,065  | \$ 4,274,725 |
| Alamosa     | 906,700            | .....                 | 247,330                        | .....       | 78,440     | 4,520     | .....   | 5,700                   | 10,745  | 1,253,435    |
| Arapahoe    | 1,887,410          | .....                 | 683,510                        | 397,230     | 544,420    | 32,900    | .....   | 13,490                  | 8,700   | 3,411,220    |
| Archuleta   | 568,340            | .....                 | 26,460                         | .....       | 11,590     | 2,820     | .....   | 280                     | 800   | 610,290      |
| Baca        | 3,029,560          | .....                 | 110,700                        | 77,420      | 37,620     | 1,080     | .....   | 28,700                  | 980   | 3,286,060    |
| Bent        | 3,219,170          | .....                 | 179,480                        | 85,790      | 82,370     | 15,590    | .....   | 31,800                  | 33,520  | 3,647,720    |
| Boulder     | 2,636,990          | .....                 | 6,860,760                      | 1,611,660   | 517,400    | 10,310    | .....   | 21,740                  | 11,465  | 10,220,325   |
| Chaffee     | 1,356,080          | .....                 | 743,260                        | .....       | 80,580     | 17,210    | .....   | 12,620                  | 10,100  | 2,219,850    |
| Cheyenne    | 2,333,350          | .....                 | 29,690                         | .....       | 47,280     | 26,250    | .....   | 17,840                  | 12,650  | 2,467,060    |
| Clear Creek | 270,350            | .....                 | 555,250                        | .....       | 41,710     | 790       | 7,500   | .....                   | 600   | 876,200      |
| Comoros     | 952,520            | .....                 | 58,740                         | .....       | 42,860     | 4,790     | .....   | 490                     | 7,420   | 1,066,820    |
| Costilla    | 605,100            | .....                 | 48,050                         | .....       | 29,960     | 2,900     | .....   | 10,470                  | 14,050  | 710,530      |
| Crowley     | 609,480            | .....                 | 115,180                        | 33,700      | 43,590     | 2,360     | 100,500   | 7,350                   | 17,515  | 830,275      |
| Custer      | .....              | .....                 | 24,920                         | .....       | 12,660     | .....     | .....   | .....                   | 660   | 38,240       |
| Delta       | 1,224,790          | .....                 | 123,300                        | .....       | 114,340    | 9,670     | .....   | 19,590                  | 41,405  | 1,532,095    |
| Denver      | 1,774,800          | 5,793,970             | 19,690,870                     | 2,450       | 10,471,230 | 125,800   | 3,950   | 12,110                  | 13,885  | 37,322,955   |
| Dolores     | 2,658              | .....                 | 17,540                         | .....       | 2,470      | 4,170     | .....   | .....                   | 350   | 67,710       |
| Douglas     | 1,834,490          | .....                 | 49,710                         | 574,580     | 136,240    | 72,130    | .....   | 20,400                  | 14,910  | 2,702,460    |
| Elbert      | 2,408,300          | .....                 | 263,540                        | .....       | 39,340     | 20,980    | .....   | 36,140                  | 26,850  | 2,795,150    |
| El Paso     | 1,496,590          | .....                 | 71,690                         | .....       | 114,550    | 19,690    | .....   | 14,780                  | 11,880  | 1,729,180    |
| El Paso     | 3,468,450          | 25,000                | 80,910                         | 874,600     | 1,227,440  | 102,320   | 226,950   | 39,590                  | 30,850  | 6,085,120    |
| Fremont     | 1,775,950          | .....                 | 1,351,760                      | 35,080      | 155,310    | 19,320    | 4,000   | 24,330                  | 14,695  | 3,381,045    |
| Garfield    | 1,504,140          | .....                 | 2,248,470                      | .....       | 108,390    | 25,740    | 6,000   | 23,170                  | 15,065  | 3,930,975    |
| Gilpin      | 779,830            | .....                 | 118,920                        | .....       | 24,960     | .....     | 7,500   | 3,060                   | 3,870   | 938,140      |
| Grand       | 2,403,850          | .....                 | 74,910                         | .....       | 61,760     | .....     | .....   | 13,710                  | 12,980  | 2,567,210    |
| Gunnison    | 1,946,680          | .....                 | 104,480                        | .....       | 57,200     | 8,310     | .....   | 330                     | 1,930   | 2,119,400    |
| Hinsdale    | .....              | .....                 | 880                            | .....       | 1,680      | .....     | .....   | .....                   | .....   | 2,560        |
| Huerfano    | 2,104,150          | .....                 | 515,110                        | .....       | 105,100    | 34,810    | .....   | 25,350                  | 18,830  | 2,803,350    |

|                  |               |             |              |             |              |             |           |           |             |               |
|------------------|---------------|-------------|--------------|-------------|--------------|-------------|-----------|-----------|-------------|---------------|
| Jackson .....    | 125,000       | .....       | .....        | .....       | 11,440       | 16,520      | 70,400    | 4,990     | 870         | 142,300       |
| Jefferson .....  | 1,866,350     | .....       | 281,810      | 608,570     | 608,570      | .....       | .....     | 8,500     | 10,920      | 4,207,030     |
| Kiowa .....      | 1,700,900     | .....       | .....        | 93,490      | 93,490       | 8,160       | .....     | 23,390    | 17,540      | 1,896,650     |
| Kit Carson ..... | 652,470       | .....       | .....        | 59,380      | 59,380       | 14,020      | .....     | 16,280    | 12,115      | 791,865       |
| Lake .....       | 1,027,620     | .....       | 495,320      | 49,580      | 49,580       | 10,260      | 129,330   | 9,080     | 5,225       | 1,726,415     |
| La Plata .....   | 1,652,710     | .....       | 641,990      | 128,740     | 105,510      | 7,620       | .....     | 3,680     | 1,650       | 2,543,810     |
| Larimer .....    | 4,181,060     | .....       | 261,300      | 261,300     | 1,155,360    | 10,910      | .....     | 35,230    | 10,520      | 5,732,955     |
| Las Animas ..... | 6,447,810     | .....       | 1,608,250    | 248,680     | 248,680      | 20,710      | .....     | 42,640    | 33,265      | 9,627,265     |
| Lincoln .....    | 1,919,150     | .....       | 106,460      | 145,100     | 145,100      | 24,910      | .....     | 13,630    | 4,730       | 2,223,980     |
| Logan .....      | 4,477,520     | .....       | 780,340      | 57,490      | 208,320      | 27,760      | .....     | 36,200    | 21,890      | 5,609,520     |
| Mesa .....       | 1,752,590     | .....       | 985,970      | 339,400     | 339,400      | 34,920      | .....     | 29,230    | 59,105      | 3,201,215     |
| Mineral .....    | 306,640       | .....       | 6,690        | 54,060      | 54,060       | 820         | .....     | 4,540     | 340         | 319,030       |
| Moffat .....     | 253,910       | .....       | 65,390       | .....       | .....        | .....       | .....     | 1,620     | 1,510       | 437,940       |
| Montezuma .....  | 94,040        | .....       | 78,900       | 39,840      | 39,840       | 2,710       | .....     | 170       | 2,280       | 216,900       |
| Montrose .....   | 922,560       | .....       | 149,620      | 117,320     | 117,320      | 5,920       | .....     | 3,930     | 25,880      | 1,225,230     |
| Morgan .....     | 3,028,360     | .....       | 220,860      | 225,630     | 225,630      | 40,050      | .....     | 24,290    | 130,450     | 3,669,640     |
| Otero .....      | 2,662,850     | .....       | 509,470      | 179,770     | 179,770      | 32,780      | 21,940    | 25,570    | 41,720      | 3,816,770     |
| Ourray .....     | 443,780       | .....       | 115,410      | 32,320      | 32,320       | 2,220       | .....     | 100       | 740         | 594,570       |
| Park .....       | .....         | .....       | 72,430       | .....       | 57,910       | 25,380      | .....     | .....     | 290         | 156,010       |
| Phillips .....   | 1,922,440     | .....       | 108,470      | 19,940      | 23,020       | 1,670       | .....     | 9,770     | 2,260       | 1,129,160     |
| Pitkin .....     | 375,160       | .....       | .....        | 233,970     | 233,970      | 900         | .....     | 4,540     | 3,950       | 512,960       |
| Prowers .....    | 2,312,620     | .....       | 57,100       | 219,790     | 233,970      | 16,450      | .....     | 21,880    | 37,670      | 2,899,480     |
| Pueblo .....     | 4,755,120     | .....       | 2,979,840    | 2,163,990   | 1,402,120    | 92,460      | 5,100     | 49,770    | 41,745      | 11,490,145    |
| Rio Blanco ..... | .....         | .....       | .....        | .....       | 28,790       | .....       | .....     | .....     | .....       | 28,790        |
| Rio Grande ..... | 822,240       | .....       | 126,280      | 70,590      | 70,590       | 3,060       | .....     | 11,690    | 18,815      | 1,061,615     |
| Rout .....       | 3,074,980     | .....       | 377,490      | .....       | 70,080       | .....       | .....     | 20,490    | 18,240      | 3,561,280     |
| Saguache .....   | 1,584,240     | .....       | 97,690       | 44,330      | 44,330       | 7,570       | .....     | 580       | 7,400       | 1,741,810     |
| San Juan .....   | 270,860       | .....       | 126,640      | 18,270      | 18,270       | 600         | .....     | .....     | 260         | 416,630       |
| San Miguel ..... | 71,550        | .....       | 531,670      | 29,990      | 29,990       | 2,380       | .....     | 130       | 5,555       | 641,275       |
| Sedgwick .....   | 1,158,350     | .....       | 57,390       | 70,760      | 70,760       | 12,640      | .....     | 7,650     | 6,260       | 1,313,050     |
| Summit .....     | .....         | .....       | 533,400      | .....       | 25,530       | 10          | .....     | .....     | .....       | 559,340       |
| Teller .....     | 884,870       | .....       | 561,180      | 73,510      | 73,510       | .....       | 108,840   | .....     | 2,600       | 1,631,000     |
| Washington ..... | 1,250,350     | .....       | 91,550       | 30,800      | 30,800       | 19,090      | .....     | 10,580    | 21,040      | 1,423,410     |
| Weld .....       | 12,271,390    | .....       | 2,001,180    | 225,650     | 711,220      | 127,130     | .....     | 89,290    | 360,035     | 15,785,895    |
| Yuma .....       | 1,214,960     | .....       | .....        | 58,060      | 58,060       | 18,630      | .....     | 10,150    | 8,090       | 1,309,890     |
| State .....      | \$108,942,070 | \$6,245,350 | \$49,445,560 | \$7,602,730 | \$20,596,310 | \$1,253,840 | \$692,670 | \$930,750 | \$1,433,705 | \$197,112,985 |

\*Includes \$602,670 for domestic water companies, \$75,000 for irrigation companies and \$15,000 for mining companies.  
 †Includes pipe line companies as follows: Adams \$118,230; Denver, \$450; Weld, \$262,080.

**TAXATION: SUMMARY OF ASSESSED VALUATIONS BY COUNTY ASSESSORS AND STATE TAX COMMISSION AND ADDITIONS BY COUNTY TREASURERS, AND ANTICIPATED REVENUE FOR ALL PURPOSES, BY COUNTIES, 1941**

(Source: State Tax Commission)

Note—Additions to valuations of the county assessors and State Tax Commission by county treasurers represent assessments made between the time returns are made to the commission in August and the actual levying of the taxes.

| COUNTY            | *Net Assessment<br>by County<br>Assessors | Valuation<br>by Tax<br>Commission | Additions<br>by County<br>Treasurers | Total Valuation<br>Upon Which Taxes<br>Are Levied | Anticipated<br>Revenue for<br>All Purposes |
|-------------------|---|-----------------------------------|--------------------------------------|---|--|
| Adams .....       | \$ 18,799,190                             | \$ 4,274,725                      | \$ -1,655                            | \$ 23,072,260                                     | \$ 651,429                                 |
| Alamosa .....     | 6,118,146                                 | 1,253,435                         | 26,785                               | 7,398,366   | 313,269                                    |
| Arapahoe .....    | 15,901,665                                | 3,411,120                         | 4,625                                | 19,317,410  | 772,976                                    |
| Archuleta .....   | 2,424,253                                 | 610,290                           | .....                                | 3,034,543   | 91,568                                     |
| Baca .....        | 5,285,010                                 | 3,286,060                         | .....                                | 8,571,070   | 268,106                                    |
| Bent .....        | 6,464,288                                 | 3,647,720                         | -6,326                               | 10,105,682  | 303,258                                    |
| Boulder .....     | 27,711,290                                | 10,220,325                        | -24,190                              | 37,907,425  | 1,317,728                                  |
| Chaffee .....     | 4,597,570                                 | 2,219,850                         | .....                                | 6,817,420   | 274,218                                    |
| Cheyenne .....    | 5,081,155                                 | 2,167,060                         | 68,655                               | 7,616,870   | 192,006                                    |
| Clear Creek ..... | 3,380,350                                 | 876,200                           | .....                                | 4,257,150   | 183,371                                    |
| Conejos .....     | 5,142,050                                 | 1,066,820                         | 670                                  | 6,209,540   | 220,436                                    |
| Costilla .....    | 2,705,335                                 | 710,530                           | .....                                | 3,415,865   | 157,812                                    |
| Crowley .....     | 4,321,095                                 | 930,275                           | -6,895                               | 5,244,475   | 211,076                                    |
| Custer .....      | 1,874,791                                 | 38,240                            | .....                                | 1,913,031   | 64,138                                     |
| Delta .....       | 8,166,265                                 | 1,533,095                         | .....                                | 9,699,360   | 442,952                                    |
| Denver .....      | 334,746,260                               | 37,828,955                        | 2,305,445                            | 374,880,660                                       | 14,020,537                                 |
| Dolores .....     | 1,519,660                                 | 47,710                            | 3,085                                | 1,570,455   | 63,033                                     |
| Douglas .....     | 4,328,065                                 | 2,702,460                         | 5                                    | 7,030,530   | 204,843                                    |
| Eagle .....       | 7,432,811                                 | 2,795,180                         | -725                                 | 10,227,266  | 258,460                                    |
| Elbert .....      | 7,341,832                                 | 1,729,180                         | 127                                  | 9,070,895   | 226,694                                    |
| El Paso .....     | 43,167,010                                | 6,085,120                         | 182,100                              | 51,434,230  | 2,057,944                                  |
| Fremont .....     | 10,061,590                                | 3,381,045                         | -27,445                              | 13,415,190  | 552,930                                    |
| Garfield .....    | 8,195,140                                 | 3,930,975                         | 175                                  | 12,126,290  | 448,337                                    |
| Gilpin .....      | 1,772,320                                 | 938,140                           | .....                                | 2,710,460   | 107,490                                    |
| Grand .....       | 2,468,895                                 | 2,567,210                         | .....                                | 6,035,905   | 166,699                                    |
| Gunnison .....    | 6,498,970                                 | 2,119,400                         | 10                                   | 8,618,380   | 338,667                                    |
| Hinsdale .....    | 549,450                                   | 2,560                             | 2,710                                | 554,720   | 25,825                                     |
| Huerfano .....    | 6,032,730                                 | 2,803,350                         | .....                                | 8,836,080   | 454,732                                    |

|             |               |               |            |                 |              |
|-------------|---------------|---------------|------------|-----------------|--------------|
| Jackson     | 2,653,179     | 142,300       | -1,794     | 2,793,685       | 67,506       |
| Jefferson   | 19,372,595    | 4,207,030     | .....      | 24,079,625      | 955,334      |
| Kiowa       | 4,155,874     | 1,896,650     | .....      | 6,052,524       | 180,315      |
| Kitt Carson | 7,337,710     | 791,865       | .....      | 8,623,635       | 290,388      |
| Lake        | 16,594,260    | 1,726,415     | -2,991,557 | 15,329,118      | 321,146      |
| La Plata    | 6,889,185     | 2,543,810     | -6,395     | 9,445,600       | 440,339      |
| Larimer     | 30,278,650    | 5,738,055     | -69,805    | 35,946,900      | 1,343,705    |
| Las Animas  | 16,751,022    | 9,607,265     | .....      | 26,358,287      | 1,182,444    |
| Lincoln     | 7,425,530     | 2,229,980     | .....      | 9,655,570       | 287,565      |
| Logan       | 15,541,555    | 5,609,520     | .....      | 21,151,075      | 698,924      |
| Mesa        | 18,030,110    | 3,201,215     | .....      | 21,231,325      | 1,005,669    |
| Mineral     | 967,884       | 320,030       | .....      | 1,286,914       | 36,815       |
| Moffat      | 5,700,660     | 437,030       | -34,135    | 6,104,465       | 167,621      |
| Montezuma   | 1,185,191     | 457,940       | .....      | 1,643,131       | 221,343      |
| Montrose    | 7,530,335     | 1,253,230     | .....      | 8,783,565       | 380,715      |
| Morgan      | 13,769,320    | 3,669,640     | .....      | 17,438,960      | 600,533      |
| Otero       | 17,424,445    | 3,816,770     | -4,090     | 21,237,125      | 769,615      |
| Ouray       | 2,115,563     | 594,570       | 533        | 2,710,666       | 122,037      |
| Park        | 4,228,215     | 156,010       | -4,460     | 4,378,765       | 126,650      |
| Phillips    | 5,426,945     | 1,299,160     | .....      | 6,956,105       | 203,285      |
| Pitkin      | 1,639,845     | 512,960       | .....      | 2,152,805       | 78,397       |
| Prowers     | 10,993,370    | 2,369,480     | 2,600      | 13,893,450      | 451,032      |
| Pueblo      | 46,252,480    | 11,490,145    | -8,350     | 57,733,675      | 2,689,118    |
| Rio Blanco  | 3,852,643     | 28,790        | .....      | 3,881,433       | 151,610      |
| Rio Grande  | 6,649,265     | 1,061,675     | 1,865      | 7,712,805       | 352,975      |
| Routt       | 7,515,595     | 3,561,280     | .....      | 11,076,875      | 349,969      |
| Saguache    | 4,293,604     | 1,741,810     | -8,349     | 6,027,065       | 201,177      |
| San Juan    | 2,408,564     | 416,630       | .....      | 2,825,194       | 123,909      |
| San Miguel  | 2,734,270     | 614,275       | -315       | 3,375,330       | 120,423      |
| Sedgwick    | 6,239,800     | 1,313,050     | .....      | 7,552,850       | 239,437      |
| Summit      | 3,947,880     | 559,340       | .....      | 4,507,220       | 128,807      |
| Teller      | 4,133,310     | 1,631,000     | .....      | 5,764,310       | 211,012      |
| Washington  | 7,752,958     | 1,423,410     | .....      | 9,176,368       | 281,630      |
| Weld        | 49,105,730    | 15,785,893    | 197,417    | 65,089,040      | 2,348,098    |
| Yuma        | 9,081,430     | 1,309,890     | .....      | 10,391,320      | 369,088      |
| State       | \$930,067,818 | \$197,112,983 | \$-399,429 | \$1,126,781,372 | \$41,889,155 |

\*After deducting \$86,434,210 exemption to heads of families. Gross value before exemptions \$966,502,028. (—) Denotes minus.

**TAXATION: SUMMARY OF MILL LEVIES APPLIED TO VALUATIONS AND ANTICIPATED REVENUES THEREFROM FOR STATE, COUNTY, MUNICIPAL AND SCHOOL PURPOSES, BY COUNTIES, 1941**

(Source: State Tax Commission)

Note—The levies are certified to the county treasurers by the officers of the state and political subdivisions authorized by law to levy taxes. The county treasurers then apply them to the final 1941 valuations and spread them upon the tax rolls as of January 1, 1942, when the taxes become due and payable. The valuations against which the taxes are levied include changes made by the county treasurers following the certification to them of all assessments by county assessors and the state tax commission.

| COUNTY      | *State Revenue | County    |               |                   | Municipal    |                   |              | General School    |               |                   | Special School |                                |                                      | Total |  |
|-------------|----------------|-----------|---------------|-------------------|--------------|-------------------|--------------|-------------------|---------------|-------------------|----------------|--------------------------------|--------------------------------------|-------|--|
|             |                | Mill Levy | Revenue       | Average Mill Levy | Revenue      | Average Mill Levy | Revenue      | Average Mill Levy | Revenue       | Average Mill Levy | Revenue        | Average Total County Mill Levy | Anticipated Revenue from All Sources |       |  |
| Adams       | 98,057.11      | 6.7414    | \$ 155,539.34 | 20.40             | \$ 69,616.65 | 4.0086            | \$ 92,487.46 | 10.6070           | \$ 244,727.97 | 28.29             | \$ 651,428.53  |                                |                                      |       |  |
| Arapahoe    | 31,443.06      | 7.41      | 54,821.89     | 19.76             | 55,797.60    | 3.46              | 25,598.35    | 19.68             | 145,608.35    | 42.34             | 313,269.25     |                                |                                      |       |  |
| Archuleta   | 82,000.00      | 9.511     | 183,727.89    | 18.76             | 112,269.28   | 3.439             | 66,432.57    | 17.00             | 328,447.60    | 40.22             | 772,376.33     |                                |                                      |       |  |
| Baca        | 12,896.80      | 11.00     | 33,979.97     | 17.90             | 8,930.79     | 3.58              | 10,863.66    | 8.40              | 25,497.19     | 30.14             | 91,568.41      |                                |                                      |       |  |
| Bent        | 36,427.95      | 9.06      | 77,653.91     | 13.86             | 10,285.35    | 4.19              | 25,912.78    | 12.58             | 107,826.60    | 30.47             | 268,105.69     |                                |                                      |       |  |
| Boulder     | 42,949.15      | 7.35979   | 80,439.17     | 16.00             | 22,186.00    | 4.0021            | 41,234.36    | 11.49346          | 116,149.16    | 30.02             | 302,577.87     |                                |                                      |       |  |
| Chaffee     | 161,106.56     | 9.72      | 368,460.17    | 10.28             | 163,908.53   | 4.13              | 156,557.67   | 12.34             | 467,694.84    | 34.76             | 1,317,727.82   |                                |                                      |       |  |
| Cheyenne    | 28,974.03      | 13.00     | 88,626.46     | 18.23             | 52,069.06    | 3.94              | 26,860.63    | 11.40             | 77,687.54     | 40.25             | 274,217.72     |                                |                                      |       |  |
| Clear Creek | 32,371.70      | 6.28      | 47,833.94     | 15.59             | 7,995.78     | 3.00              | 22,850.61    | 10.63             | 80,953.90     | 25.08             | 192,005.93     |                                |                                      |       |  |
| Conejos     | 18,092.89      | 16.98     | 72,286.41     | 14.61             | 19,115.08    | 4.32              | 18,390.88    | 13.03             | 55,485.88     | 43.07             | 183,371.14     |                                |                                      |       |  |
| Costilla    | 26,390.55      | 9.80      | 60,853.50     | 18.59             | 16,021.51    | 2.60              | 16,144.80    | 16.27             | 101,025.91    | 38.35             | 220,436.27     |                                |                                      |       |  |
| Crowley     | 14,177.43      | 17.49     | 59,743.48     | 25.76             | 3,187.15     | 2.51              | 8,573.82     | 21.02             | 71,789.67     | 46.20             | 157,811.55     |                                |                                      |       |  |
| Custer      | 22,289.02      | 11.23     | 58,895.45     | 16.73             | 15,078.74    | 3.77              | 19,771.67    | 18.12             | 95,040.96     | 40.25             | 211,075.84     |                                |                                      |       |  |
| Delta       | 8,130.38       | 13.50     | 25,825.92     | 16.58             | 1,308.95     | 4.00              | 7,652.12     | 11.09             | 21,220.57     | 33.53             | 64,137.94      |                                |                                      |       |  |
| Denver      | 41,222.98      | 15.47     | 150,049.10    | 13.16             | 38,122.39    | 3.14              | 30,455.99    | 18.88             | 183,102.27    | 45.67             | 442,452.03     |                                |                                      |       |  |
| Dolores     | 156,624.60     | 17.11     | 329,242.60    | 16.00             | 6,429,203.31 | 2.903             | 1,088,278.56 | 13.097            | 4,909,811.99  | 37.40             | 14,020,536.66  |                                |                                      |       |  |
| Douglas     | 6,674.72       | 19.36     | 30,404.01     | 9.05              | 4,900.27     | 3.66              | 5,747.87     | 12.10             | 19,006.75     | 40.14             | 63,633.33      |                                |                                      |       |  |
| Eagle       | 23,873.75      | 11.00     | 77,335.33     | 19.00             | 6,505.00     | 4.53              | 31,848.30    | 8.43              | 59,274.18     | 29.14             | 204,843.09     |                                |                                      |       |  |
| Elbert      | 43,465.88      | 7.75      | 79,261.31     | 15.47             | 10,356.64    | 3.41              | 34,874.98    | 8.85              | 90,501.03     | 26.46             | 258,459.84     |                                |                                      |       |  |
| El Paso     | 38,551.30      | 8.50      | 77,102.61     | 15.68             | 5,113.30     | 4.40              | 39,911.94    | 7.28              | 60,104.46     | 24.99             | 226,693.61     |                                |                                      |       |  |
| Fremont     | 218,595.48     | 7.20      | 370,326.45    | 12.57             | 397,894.00   | 4.17              | 214,480.74   | 16.66             | 856,847.49    | 40.01             | 2,057,944.16   |                                |                                      |       |  |
| Garfield    | 57,014.56      | 9.81      | 131,603.01    | 14.21             | 82,465.87    | 3.69              | 49,502.05    | 17.3195           | 232,344.63    | 41.22             | 552,930.12     |                                |                                      |       |  |
| Gilpin      | 51,536.73      | 12.22     | 148,183.96    | 19.19             | 48,552.06    | 4.08              | 49,475.26    | 12.42             | 150,589.65    | 36.97             | 448,336.96     |                                |                                      |       |  |
| Grand       | 25,619.46      | 17.30     | 66,890.96     | 29.00             | 8,115.08     | 4.20              | 11,583.93    | 10.80             | 107,480.29    | 39.26             | 107,480.29     |                                |                                      |       |  |
| Gunnison    | 11,552.60      | 10.98     | 46,274.24     | 18.01             | 8,761.45     | 4.35              | 26,256.19    | 6.59              | 39,754.07     | 27.49             | 166,698.55     |                                |                                      |       |  |
|             | 36,628.12      | 14.674    | 126,466.11    | 12.78             | 21,351.03    | 4.326             | 37,283.11    | 13.57             | 116,338.92    | 39.29             | 338,667.29     |                                |                                      |       |  |

|            |                |         |                |       |                 |         |                |            |                 |       |                 |
|------------|----------------|---------|----------------|-------|-----------------|---------|----------------|------------|-----------------|-------|-----------------|
| Hinsdale   | 2,357.56       | 25.00   | 13,868.00      | 16.00 | 1,221.44        | 4.95    | 2,493.46       | 10.59      | 5,884.63        | 46.56 | 25,825.09       |
| Huerfano   | 37,453.34      | 22.80   | 201,462.62     | 14.86 | 36,880.90       | 2.83    | 25,006.11      | 17.409     | 163,829.14      | 51.46 | 454,732.11      |
| Jefferson  | 11,873.16      | 8.94    | 24,975.54      | 20.94 | 1,948.39        | 3.04    | 8,492.80       | 7.24       | 20,215.99       | 24.16 | 67,505.88       |
| Kit Carson | 102,338.41     | 14,456  | 348,095.06     | 20.94 | 50,417.53       | 3.794   | 91,358.10      | 15.08      | 363,124.91      | 39.63 | 955,334.01      |
| Kiowa      | 25,723.23      | 8.92    | 53,988.51      | 15.80 | 6,253.55        | 4.152   | 25,130.08      | 11.54      | 69,820.08       | 29.89 | 180,915.45      |
| La Plata   | 36,675.95      | 9.70    | 83,707.46      | 20.99 | 26,263.12       | 4.01    | 34,604.84      | 12.706     | 109,647.05      | 33.67 | 290,888.42      |
| Larimer    | 65,148.75      | 7.00    | 107,303.83     | 41.00 | 41,624.84       | 1.50    | 22,993.68      | 5.48       | 84,074.66       | 20.95 | 321,145.76      |
| Las Animas | 40,063.05      | 13.65   | 128,673.03     | 20.46 | 72,571.63       | 3.30    | 31,107.78      | 17.867     | 163,423.84      | 46.77 | 440,839.39      |
| Lincoln    | 152,774.32     | 10.18   | 365,939.44     | 14.71 | 181,832.41      | 4.07    | 146,300.88     | 13.92      | 496,855.38      | 37.88 | 1,343,705.43    |
| Logan      | 112,629.72     | 14.9072 | 392,938.25     | 18.16 | 135,079.28      | 3.5928  | 94,714.01      | 16.99      | 447,114.31      | 44.86 | 1,182,444.31    |
| Mesa       | 41,936.17      | 8.50    | 82,072.34      | 13.88 | 15,561.09       | 4.38    | 42,291.40      | 11.01      | 106,504.45      | 29.77 | 287,265.45      |
| Mineral    | 89,892.07      | 5.632   | 119,132.85     | 13.42 | 97,217.07       | 4.028   | 85,196.53      | 14.528861  | 307,195.33      | 33.03 | 698,623.85      |
| Montezuma  | 90,233.13      | 10.323  | 219,883.28     | 17.35 | 160,959.10      | 3.437   | 72,972.66      | 21.761     | 462,021.38      | 47.36 | 1,005,568.95    |
| Montrose   | 25,469.38      | 9.70    | 42,483.07      | 21.00 | 4,070.64        | 3.07    | 19,923.09      | 8.45       | 10,866.33       | 28.61 | 36,814.51       |
| Morgan     | 23,743.38      | 7.50    | 47,833.40      | 13.50 | 20,202.91       | 3.04    | 25,882.33      | 8.159      | 49,807.92       | 27.46 | 167,621.25      |
| Otero      | 22,964.13      | 13.50   | 72,344.88      | 16.66 | 20,674.15       | 2.34    | 15,883.78      | 16.95      | 88,877.52       | 40.96 | 291,343.46      |
| Ouray      | 37,213.28      | 12.23   | 107,261.73     | 13.38 | 47,655.38       | 3.22    | 29,191.33      | 13.301     | 169,360.22      | 43.48 | 380,715.26      |
| Park       | 44,118.13      | 8.62    | 150,329.01     | 11.63 | 46,743.81       | 3.38    | 67,665.49      | 13.005     | 261,676.89      | 34.44 | 600,533.33      |
| Phillips   | 90,257.78      | 8.085   | 171,702.16     | 13.30 | 133,835.01      | 3.765   | 79,957.78      | 13.834     | 293,802.68      | 36.24 | 769,615.41      |
| Pitkin     | 11,320.33      | 20.00   | 54,213.32      | 23.34 | 10,014.25       | 4.37    | 11,845.61      | 12.71      | 33,443.33       | 45.02 | 122,036.82      |
| Prowers    | 18,614.00      | 10.80   | 47,301.46      | 17.34 | 5,625.05        | 4.43    | 19,402.36      | 8.02       | 35,104.53       | 28.78 | 126,050.40      |
| Pueblo     | 27,863.45      | 6.72    | 44,057.03      | 18.66 | 21,229.69       | 4.25    | 27,863.44      | 12.54      | 82,203.86       | 31.01 | 203,284.87      |
| Rio Blanco | 9,148.44       | 14.60   | 31,427.59      | 47.00 | 9,176.28        | 4.36    | 9,363.70       | 9.24       | 19,880.58       | 36.70 | 78,896.59       |
| Rio Grande | 59,055.66      | 7.96342 | 110,658.08     | 12.00 | 40,037.63       | 4.08638 | 56,782.09      | 13.2776052 | 184,498.30      | 32.46 | 451,091.76      |
| Routt      | 245,368.12     | 6.987   | 403,385.19     | 30.65 | 854,499.39      | 3.913   | 225,911.87     | 16.627     | 959,953.01      | 46.58 | 2,689,117.58    |
| Saguache   | 16,496.09      | 16.97   | 65,867.91      | 22.50 | 9,945.00        | 4.20    | 16,302.92      | 11.08      | 42,999.14       | 39.06 | 151,610.16      |
| San Juan   | 32,773.42      | 3.38    | 72,346.11      | 13.34 | 35,277.31       | 2.87    | 22,133.75      | 24.69      | 190,436.26      | 45.76 | 352,974.85      |
| San Miguel | 47,076.72      | 3.03    | 100,024.18     | 20.38 | 29,184.76       | 4.07    | 43,082.88      | 11.61      | 128,600.87      | 31.59 | 349,969.41      |
| Sedgewick  | 25,615.03      | 8.64    | 52,073.84      | 18.82 | 13,130.60       | 3.89    | 23,445.28      | 14.420     | 86,912.38       | 33.38 | 201,177.13      |
| Summit     | 12,007.07      | 14.85   | 41,954.13      | 25.00 | 11,161.47       | 4.56    | 12,882.88      | 16.00      | 45,203.10       | 43.61 | 123,208.65      |
| Teller     | 14,345.15      | 13.19   | 44,520.60      | 13.81 | 8,099.54        | 4.11    | 11,872.60      | 11.73      | 39,585.08       | 35.68 | 120,422.97      |
| Washington | 32,049.61      | 6.99    | 52,794.42      | 16.48 | 20,305.34       | 4.28    | 32,326.20      | 13.45      | 101,601.38      | 31.66 | 239,126.65      |
| Weld       | 19,155.68      | 15.30   | 68,960.47      | 19.59 | 5,569.02        | 2.774   | 12,503.03      | 5.018      | 22,618.70       | 28.58 | 128,800.60      |
| Yuma       | 24,498.32      | 11.575  | 67,298.32      | 22.31 | 32,550.17       | 4.075   | 23,489.56      | 10.96      | 63,475.24       | 36.61 | 211,011.61      |
| State      | 38,999.56      | 7.25    | 66,528.67      | 16.65 | 14,115.77       | 4.10    | 37,623.11      | 13.55      | 124,362.69      | 30.69 | 281,629.80      |
|            | 276,628.42     | 8.55    | 556,511.29     | 15.52 | 236,308.53      | 3.935   | 256,125.37     | 15.712     | 1,022,524.10    | 36.08 | 2,348,997.71    |
|            | 44,463.11      | 10.00   | 103,913.19     | 11.01 | 17,051.20       | 3.83    | 39,798.75      | 15.80      | 164,161.28      | 35.52 | 369,087.53      |
|            | \$4,788,820.83 | ....    | \$7,357,844.80 | ....  | \$10,081,451.71 | ....    | \$3,959,849.17 | ....       | \$15,701,188.12 | ....  | \$41,889,154.63 |

\*Levy for state purposes for 1941 is 4.25 mills applied equally to all property.  
 (2) County of Denver is coextensive with the city of Denver and its revenue is included under "Municipal".

**TAXATION: PERCENTAGE DISTRIBUTION OF REVENUE ANTICIPATED IN 1942, FROM 1941 LEVIES, BY COUNTIES**

(Source: State Tax Commission)

Note—Amounts of anticipated revenue are shown in separate tables. Total for all purposes is \$41,889,155.

| COUNTY      | State Revenue |              | County Revenue |              | Municipal Revenue |              | General School Revenue |              | Special School Revenue |              |
|-------------|---------------|--------------|----------------|--------------|-------------------|--------------|------------------------|--------------|------------------------|--------------|
|             | %             | County Total | %              | County Total | %                 | County Total | %                      | County Total | %                      | County Total |
|             | Total         | Total        | Total          | Total        | Total             | Total        | Total                  | Total        | Total                  | Total        |
| Adams       | 0.2           | 15.1         | 0.4            | 23.9         | 0.1               | 9.3          | 0.2                    | 14.2         | 0.6                    | 37.5         |
| Alamosa     | 0.1           | 10.0         | 0.1            | 17.5         | 0.1               | 17.8         | 0.3                    | 8.2          | 0.3                    | 46.5         |
| Arapahoe    | 0.2           | 10.5         | 0.4            | 23.8         | 0.3               | 14.5         | 0.2                    | 8.6          | 0.8                    | 42.6         |
| Archuleta   | ...           | 14.1         | 0.1            | 36.4         | ...               | 9.8          | ...                    | 11.9         | 0.1                    | 27.8         |
| Baca        | 0.1           | 13.6         | 0.2            | 29.0         | ...               | 3.8          | 0.1                    | 13.4         | 0.3                    | 40.2         |
| Bent        | 0.1           | 14.2         | 0.2            | 26.5         | ...               | 7.4          | 0.1                    | 13.6         | 0.3                    | 38.3         |
| Boulder     | 0.4           | 12.2         | 0.8            | 28.0         | 0.4               | 12.4         | 0.4                    | 11.9         | 1.1                    | 35.5         |
| Chaffee     | 0.1           | 10.5         | 0.2            | 32.3         | 0.1               | 19.0         | 0.1                    | 10.0         | 0.2                    | 28.2         |
| Cheyenne    | 0.1           | 16.9         | 0.1            | 24.9         | ...               | 4.2          | ...                    | 11.9         | 0.2                    | 42.1         |
| Clear Creek | 0.1           | 9.9          | 0.2            | 39.4         | 0.1               | 10.4         | ...                    | 10.0         | 0.1                    | 30.3         |
| Conejos     | 0.1           | 12.0         | 0.1            | 27.6         | 0.1               | 7.3          | ...                    | 7.3          | 0.2                    | 45.8         |
| Costilla    | 0.1           | 9.2          | 0.1            | 37.9         | 0.1               | 2.0          | ...                    | 5.4          | 0.2                    | 45.5         |
| Crowley     | 0.1           | 10.6         | 0.1            | 27.9         | ...               | 7.1          | 0.1                    | 9.4          | 0.2                    | 45.0         |
| Custer      | ...           | 12.7         | 0.1            | 40.3         | ...               | 2.0          | ...                    | 11.9         | 0.1                    | 33.1         |
| Delta       | 0.1           | 9.3          | 0.4            | 33.9         | 0.1               | 8.6          | 0.1                    | 6.9          | 0.4                    | 41.3         |
| Denver      | 3.8           | 11.4         | 0.1            | 48.2         | 15.3              | 49.8         | 2.6                    | 7.8          | 11.7                   | 35.0         |
| Dolores     | ...           | 10.6         | 0.1            | 48.2         | ...               | 1.9          | ...                    | 9.1          | ...                    | 30.2         |
| Douglas     | 0.1           | 14.6         | 0.2            | 37.8         | ...               | 3.2          | 0.1                    | 16.5         | 0.1                    | 28.9         |
| Eagle       | 0.1           | 16.8         | 0.2            | 30.7         | ...               | 4.0          | 0.1                    | 13.5         | 0.2                    | 35.0         |
| Elbert      | 0.1           | 17.0         | 0.2            | 34.0         | ...               | 2.3          | 0.1                    | 29.1         | 0.2                    | 41.7         |
| El Paso     | 0.5           | 10.6         | 0.9            | 18.0         | 1.0               | 19.3         | 0.5                    | 10.4         | 2.0                    | 41.7         |
| Fremont     | 0.1           | 10.3         | 0.3            | 23.8         | 0.2               | 14.9         | 0.1                    | 9.0          | 0.6                    | 42.0         |
| Garfield    | 0.1           | 11.5         | 0.4            | 33.1         | 0.1               | 10.8         | 0.1                    | 11.0         | 0.4                    | 33.6         |
| Gilpin      | ...           | 10.7         | 0.1            | 43.6         | ...               | 7.8          | ...                    | 10.6         | 0.1                    | 27.3         |
| Grand       | 0.1           | 15.4         | 0.2            | 39.8         | ...               | 5.3          | 0.1                    | 15.8         | 0.1                    | 23.7         |
| Gunnison    | 0.1           | 10.8         | 0.3            | 37.3         | 0.1               | 6.3          | 0.1                    | 11.0         | 0.3                    | 34.6         |
| Hinsdale    | ...           | 9.1          | 0.5            | 53.7         | ...               | 4.7          | ...                    | 9.7          | ...                    | 22.8         |
| Huerfano    | 0.1           | 8.3          | 0.5            | 44.3         | 0.1               | 8.1          | 0.1                    | 5.5          | 0.4                    | 33.8         |

|            |      |      |      |     |      |      |      |
|------------|------|------|------|-----|------|------|------|
| Jackson    | 0.1  | 37.0 | 2.9  | 0.2 | 12.6 | 0.9  | 29.9 |
| Jefferson  | 0.7  | 36.4 | 5.3  | 0.2 | 9.6  | 0.9  | 38.0 |
| Kiowa      | 0.1  | 29.8 | 3.5  | 0.1 | 13.9 | 0.2  | 38.6 |
| Kit Carson | 0.2  | 28.7 | 9.0  | 0.1 | 11.9 | 0.3  | 37.8 |
| Lake       | 0.3  | 33.4 | 13.0 | 0.1 | 7.1  | 0.2  | 26.2 |
| La Plata   | 0.3  | 29.2 | 16.5 | 0.2 | 7.0  | 0.4  | 38.2 |
| Larimer    | 0.9  | 27.2 | 13.5 | 0.4 | 10.9 | 1.2  | 37.0 |
| Las Animas | 0.3  | 33.2 | 11.4 | 0.3 | 8.0  | 1.1  | 37.9 |
| Lincoln    | 0.2  | 28.6 | 5.4  | 0.1 | 14.7 | 0.3  | 37.0 |
| Logan      | 0.3  | 17.1 | 13.9 | 0.2 | 12.2 | 0.7  | 43.9 |
| Mesa       | 0.4  | 21.8 | 16.0 | 0.2 | 7.3  | 1.1  | 45.9 |
| Mineral    | 0.1  | 33.9 | 11.1 | 0.2 | 10.7 | 0.1  | 29.4 |
| Moffat     | 0.1  | 27.3 | 12.1 | 0.1 | 15.4 | 0.1  | 29.7 |
| Montezuma  | 0.2  | 33.0 | 9.3  | 0.2 | 7.2  | 0.4  | 40.1 |
| Montrose   | 0.1  | 28.2 | 12.5 | 0.1 | 7.4  | 0.2  | 42.1 |
| Morgan     | 0.4  | 25.0 | 7.8  | 0.2 | 11.3 | 0.6  | 43.6 |
| Otero      | 0.4  | 22.3 | 17.4 | 0.2 | 10.4 | 0.7  | 38.2 |
| Ouray      | 0.1  | 44.4 | 8.2  | 0.2 | 9.8  | 0.1  | 28.2 |
| Park       | 0.1  | 37.5 | 4.5  | 0.1 | 15.4 | 0.1  | 27.8 |
| Phillips   | 0.1  | 21.7 | 10.5 | 0.1 | 13.7 | 0.2  | 40.4 |
| Pitkin     | 0.1  | 39.8 | 11.6 | 0.1 | 11.9 | 0.4  | 25.1 |
| Prowers    | 0.3  | 24.5 | 8.9  | 0.1 | 12.6 | 0.4  | 40.9 |
| Pueblo     | 1.0  | 15.0 | 31.8 | 0.5 | 8.4  | 2.3  | 35.7 |
| Rio Blanco | 0.2  | 43.4 | 6.6  | 0.1 | 10.8 | 0.1  | 28.3 |
| Rio Grande | 0.2  | 20.5 | 10.0 | 0.1 | 6.2  | 0.5  | 51.0 |
| Routt      | 0.2  | 28.6 | 8.3  | 0.1 | 12.9 | 0.3  | 36.7 |
| Saguache   | 0.1  | 25.9 | 6.5  | 0.1 | 11.7 | 0.2  | 43.2 |
| San Juan   | 0.1  | 34.1 | 9.1  | 0.1 | 10.5 | 0.1  | 36.6 |
| San Miguel | 0.1  | 37.0 | 6.7  | 0.1 | 11.5 | 0.1  | 32.9 |
| Sedgwick   | 0.1  | 22.1 | 8.5  | 0.1 | 13.5 | 0.2  | 42.5 |
| Summit     | 0.2  | 53.5 | 4.3  | 0.1 | 9.7  | 0.1  | 17.6 |
| Teller     | 0.1  | 31.9 | 15.4 | 0.1 | 11.2 | 0.1  | 29.9 |
| Washington | 0.1  | 23.6 | 5.0  | 0.1 | 13.4 | 0.3  | 44.2 |
| Weld       | 0.7  | 23.7 | 10.1 | 0.6 | 10.9 | 2.4  | 43.5 |
| Yuma       | 0.1  | 28.2 | 4.6  | 0.1 | 10.8 | 0.4  | 44.4 |
| State      | 11.4 | ...  | ...  | 9.5 | ...  | 37.5 | ...  |

TAXATION: TAX LEVIES, IN MILLS, BY COUNTIES, FOR ALL COUNTY PURPOSES, ON 1941 VALUATIONS: TAX COLLECTED IN 1942

(Source: State Tax Commission)

| COUNTY      | Ordinary County Including Poor and Contingent Funds | Roads and Bridges | Bonds, Interest and Registered Warrants | Buildings | Public Welfare, Old Age, Aid to Children, Blind Mothers, Compensation | County Fair and Advertising | General School | Total. |
|-------------|---|-------------------|---|-----------|---|-----------------------------|----------------|--------|
| Adams       | 3,4197  | 2.00              | ..                                      | ...       | 1,2117  | .11                         | 4,0086         | 10.75  |
| Alamosa     | 6.01  | ..                | .41                                     | ...       | .84   | .15                         | 3.46           | 10.87  |
| Arapahoe    | 5.811   | 1.92              | ...                                     | ...       | 1.75  | .03                         | 3.439          | 12.95  |
| Archuleta   | 9.50  | 1.00              | ...                                     | ...       | .50   | ...                         | 3.58           | 14.58  |
| Baca        | 6.89  | 1.29              | .16                                     | ...       | .62   | .10                         | 4.19           | 13.25  |
| Bent        | 4.69979   | 2.25              | .20                                     | ...       | .71   | .10                         | 4.09021        | 12.05  |
| Boulder     | 4.65  | 3.00              | .97                                     | ...       | 1.10  | ...                         | 4.13           | 13.85  |
| Chaffee     | 7.70  | 1.00              | 2.14                                    | ...       | 1.96  | .20                         | 3.94           | 16.94  |
| Cheyenne    | 4.88  | 1.00              | ..                                      | ...       | .40   | ...                         | 3.00           | 9.28   |
| Clear Creek | 8.40  | 4.38              | 3.00                                    | ...       | 1.20  | ...                         | 4.32           | 21.30  |
| Conejos     | 5.85  | .50               | 1.12                                    | ...       | 1.33  | 1.00                        | 2.60           | 12.40  |
| Costilla    | 17.49   | 2.15              | 5.00                                    | ...       | 1.74  | ...                         | 2.51           | 28.89  |
| Crowley     | 9.18  | 2.50              | .75                                     | ...       | .80   | ...                         | 3.77           | 17.00  |
| Custer      | 9.50  | .50               | 2.00                                    | ...       | 1.50  | ...                         | 4.00           | 17.50  |
| Delta       | 7.90  | 5.41              | ..                                      | ...       | 1.81  | ..                          | 3.14           | 18.61  |
| Denver      | 14.54   | 2.00              | 1.63                                    | ...       | .73   | ..                          | 2.903          | 20.053 |
| Dolores     | 10.00   | 2.00              | 5.60                                    | ...       | 1.31  | .45                         | 3.66           | 23.02  |
| Douglas     | 5.90  | 2.30              | 2.20                                    | ...       | .40   | .20                         | 4.53           | 15.53  |
| Eagle       | 5.75  | 1.25              | ...                                     | ...       | .55   | .20                         | 3.41           | 11.16  |
| Elbert      | 5.13  | 3.00              | ...                                     | ...       | .37   | ...                         | 4.40           | 12.90  |
| El Paso     | 4.207   | 1.971             | ...                                     | ...       | 1.022   | ...                         | 4.17           | 11.37  |
| Fremont     | 5.20  | 2.35              | ...                                     | .61       | 1.60  | .05                         | 3.69           | 13.50  |
| Garfield    | 6.79  | 2.50              | 1.15                                    | .25       | 1.13  | .40                         | 4.08           | 16.30  |
| Gilpin      | 9.00  | 3.00              | 2.80                                    | ...       | 1.50  | ..                          | 4.20           | 21.50  |
| Grand       | 5.93  | 1.00              | 2.86                                    | ...       | .84   | .35                         | 4.35           | 15.33  |
| Gunnison    | 8.00  | 1.00              | 3.60                                    | 1.224     | .65   | .20                         | 4.326          | 19.00  |
| Hinsdale    | 10.375  | 2.00              | 11.50                                   | ...       | 1.125   | ...                         | 4.495          | 29.495 |
| Huerfano    | 7.90  | 2.00              | 10.00                                   | ...       | 2.68  | .22                         | 2.83           | 25.63  |

|            |         |      |        |      |       |      |         |        |
|------------|---------|------|--------|------|-------|------|---------|--------|
| Jackson    | 7.70    | 5.50 | 1.30   | ...  | .44   | .30  | 3.04    | 11.98  |
| Jefferson  | 6.086   | 5.51 | 1.30   | .50  | 1.06  | ...  | 3.794   | 18.25  |
| Kiowa      | 7.15    | 1.00 | ...    | ...  | .57   | .20  | 4.152   | 13.072 |
| Kit Carson | 7.10    | 2.00 | ...    | ...  | .40   | .20  | 4.01    | 13.71  |
| Lake       | 3.70    | 1.50 | ...    | 1.75 | .05   | ...  | 1.50    | 8.50   |
| La Plata   | 3.00    | 3.00 | 2.00   | .50  | 1.85  | .60  | 3.30    | 17.45  |
| Larimer    | 6.35    | 2.10 | .45    | .30  | .84   | .14  | 4.07    | 14.25  |
| Las Animas | 7.46    | 1.35 | 2.0722 | ...  | 3.17  | .855 | 3.5928  | 18.50  |
| Lincoln    | 5.64    | 1.00 | .20    | ...  | .76   | .40  | 4.38    | 12.38  |
| Logan      | 3.562   | 1.25 | ...    | .10  | .61   | .15  | 4.028   | 9.70   |
| Mesa       | 5.025   | 3.50 | .533   | ...  | 1.19  | .085 | 3.437   | 13.77  |
| Mineral    | 7.80    | .90  | ...    | ...  | 1.00  | ...  | 3.05    | 12.75  |
| Moffat     | 5.50    | .80  | ...    | .15  | .80   | ...  | 4.24    | 11.89  |
| Montezuma  | 7.50    | 3.00 | ...    | .20  | 2.30  | 1.00 | 2.94    | 16.94  |
| Montrose   | 6.85    | 3.00 | .77    | .02  | 1.06  | .45  | 3.22    | 15.37  |
| Morgan     | 5.17    | 2.20 | ...    | ...  | 1.25  | ...  | 3.38    | 12.50  |
| Otero      | 4.34    | 1.70 | .204   | ...  | 1.141 | ...  | 3.765   | 11.15  |
| Ouray      | 9.00    | 4.50 | 3.00   | 1.50 | 1.10  | .90  | 4.37    | 24.37  |
| Park       | 8.20    | .75  | ...    | ...  | 1.85  | ...  | 4.43    | 15.23  |
| Phillips   | 4.55    | 1.00 | .35    | ...  | .52   | .30  | 4.25    | 10.97  |
| Piñon      | 7.00    | 1.88 | 5.00   | ...  | .32   | .40  | 4.35    | 18.95  |
| Prowers    | 5.61362 | .70  | ...    | ...  | 1.55  | .10  | 4.08638 | 12.05  |
| Pueblo     | 5.21    | .663 | 1.88   | ...  | 1.019 | ...  | 3.913   | 12.685 |
| Rio Blanco | 8.20    | 1.50 | 6.12   | .40  | .75   | ...  | 4.20    | 21.17  |
| Rio Grande | 3.25    | 2.00 | ...    | 1.50 | 2.13  | .50  | 2.87    | 12.53  |
| Routt      | 5.26    | 2.00 | .94    | ...  | .83   | ...  | 4.07    | 13.10  |
| Saguache   | 6.16    | 1.00 | .75    | ...  | .73   | ...  | 3.89    | 12.53  |
| San Juan   | 8.55    | 2.50 | 3.00   | ...  | .80   | ...  | 4.56    | 19.41  |
| San Miguel | 8.50    | 1.50 | 2.29   | .20  | .70   | ...  | 4.11    | 17.70  |
| Sedgwick   | 4.66    | 1.25 | .22    | ...  | .41   | .45  | 4.28    | 11.27  |
| Summit     | 8.40    | 1.40 | 5.00   | ...  | .30   | .20  | 2.774   | 18.074 |
| Teller     | 7.54    | 1.80 | 1.535  | ...  | .80   | ...  | 4.075   | 15.75  |
| Washington | 5.90    | .50  | ...    | ...  | .85   | ...  | 4.10    | 11.35  |
| Weld       | 4.07    | 1.70 | .30    | 1.00 | 1.33  | .15  | 3.935   | 12.485 |
| Yuma       | 6.51    | 1.50 | ...    | ...  | 1.49  | .50  | 3.83    | 13.83  |

**TAXATION: ASSESSED VALUE OF ALL FARM PROPERTY IN COLORADO, AS RETURNED BY COUNTY ASSESSORS, 1941**

(Source: State Tax Commission)

Note—Personal property, such as radios, musical instruments, jewelry, etc., not broken down, are not included.

| COUNTY      | Farm Land    | Improvements on Farm Land | *Livestock | Poultry, Turkeys, Ducks, Geese, and Bees | Equities in State School Land | †Agricultural Implements, Machinery, Etc. | Miscellaneous Land | Total         |
|-------------|--------------|---------------------------|------------|--|-------------------------------|---|--------------------|---------------|
| Adams       | \$ 8,755,520 | \$ 3,826,670              | \$ 715,710 | \$ 22,950                                | \$ 19,870                     | \$ 54,225                                 | \$ 97,400          | \$ 13,884,955 |
| Alamosa     | 2,326,055    | 419,655                   | 379,565    | 10,240                                   | 12,015                        | 145,355                                   |                    | 3,390,515     |
| Arapahoe    | 4,065,600    | 2,230,500                 | 2,600,995  | 26,465                                   | 20,750                        | 182,250                                   |                    | 7,087,010     |
| Archuleta   | 1,050,965    | 269,915                   | 422,036    | 3,195                                    | 8,733                         | 48,790                                    |                    | 1,803,634     |
| Baca        | 3,492,470    | 341,670                   | 490,170    | 8,495                                    | 12,165                        | 226,440                                   |                    | 4,571,110     |
| Bent        | 3,743,371    | 477,720                   | 387,026    | 13,265                                   | 3,660                         | 322,145                                   |                    | 4,947,187     |
| Boulder     | 6,153,320    | 2,738,080                 | 576,370    | 22,630                                   | 3,520                         | 188,830                                   |                    | 9,683,350     |
| Chaffee     | 994,140      | 398,225                   | 141,730    | 3,935                                    |                               | 36,170                                    |                    | 1,574,200     |
| Cheyenne    | 3,255,490    | 237,125                   | 581,420    | 6,260                                    | 1,820                         | 54,915                                    |                    | 4,337,030     |
| Clear Creek | 177,160      | 17,910                    | 12,460     | 7,710                                    | 3,440                         | 1,430                                     | 75,690             | 288,590       |
| Conejos     | 3,130,127    | 411,578                   | 608,160    | 10,525                                   | 3,430                         | 159,030                                   |                    | 4,322,890     |
| Costilla    | 1,613,865    | 211,690                   | 266,505    | 4,495                                    |                               | 143,500                                   | 150,000            | 2,390,055     |
| Crowley     | 2,325,695    | 592,000                   | 386,600    | 11,790                                   | 5,920                         | 133,600                                   |                    | 3,461,505     |
| Custer      | 1,015,425    | 246,747                   | 230,483    | 2,488                                    |                               | 43,405                                    | 1,390              | 1,539,938     |
| Delta       | 3,225,815    | 846,745                   | 739,455    | 23,780                                   |                               | 184,555                                   |                    | 5,020,350     |
| Denver      |              |                           | 29,110     | 2,730                                    |                               | 2,150                                     | 3,077,060          | 3,111,050     |
| Dolores     | 780,225      | 50,665                    | 186,940    | 1,850                                    | 2,685                         | 84,505                                    |                    | 1,106,870     |
| Douglas     | 1,709,145    | 1,373,560                 | 469,460    | 8,105                                    | 2,170                         | 142,115                                   |                    | 3,704,555     |
| Eagle       | 1,639,859    | 315,195                   | 596,741    | 3,719                                    | 270                           | 87,495                                    |                    | 2,642,979     |
| Elbert      | 4,619,690    | 761,725                   | 973,444    | 15,558                                   | 14,175                        | 313,851                                   |                    | 6,586,343     |
| El Paso     | 4,459,810    | 1,379,650                 | 1,104,430  | 22,630                                   | 6,450                         | 216,680                                   | 57,440             | 7,246,390     |
| Fremont     | 2,025,310    | 652,440                   | 367,625    | 18,075                                   | 2,750                         | 61,360                                    |                    | 3,127,560     |
| Garfield    | 3,309,060    | 634,615                   | 1,174,605  | 19,605                                   |                               | 227,790                                   |                    | 5,365,475     |
| Gilpin      | 104,335      | 31,285                    | 31,285     |  | 3,555                         | 1,950                                     |                    | 176,145       |
| Grand       | 1,298,670    | 357,940                   | 435,415    | 1,765                                    | 2,580                         | 54,805                                    | 18,300             | 2,169,375     |
| Gunnison    | 1,790,925    | 445,135                   | 963,925    | 2,015                                    | 1,260                         | 75,565                                    |                    | 3,278,425     |
| Hinsdale    | 82,640       | 18,055                    | 100,440    |  | 1,280                         | 5,935                                     |                    | 208,350       |
| Huerfano    | 1,909,030    | 297,465                   | 562,220    | 6,560                                    | 1,785                         | 59,535                                    |                    | 2,836,595     |

|            |               |              |              |            |            |              |               |
|------------|---------------|--------------|--------------|------------|------------|--------------|---------------|
| Jackson    | 1,101,024     | 233,811      | 868,710      | 599        | 422        | 56,761       | 2,261,327     |
| Jefferson  | 5,502,090     | 5,906,355    | 479,420      | 30,990     | 12,660     | 198,025      | 12,167,070    |
| Kiowa      | 3,036,438     | 126,960      | 522,527      | 6,603      | 1,918      | 68,587       | 3,763,033     |
| Kit Carson | 5,007,770     | 558,945      | 846,565      | 19,433     | 9,420      | 214,270      | 6,656,405     |
| Lake       | 114,495       | 34,800       | 24,530       | .....      | 505        | 11,505       | 185,835       |
| La Plata   | 2,505,645     | 484,895      | 651,315      | 17,990     | 3,185      | 137,585      | 3,483,710     |
| Larimer    | 7,856,530     | 4,943,060    | 968,080      | 30,420     | 10,920     | 452,110      | 14,261,120    |
| Las Animas | 6,062,630     | 994,130      | 1,225,184    | 9,030      | .....      | 8,405,896    | 8,405,896     |
| Lincoln    | 4,632,860     | 334,135      | 917,755      | 12,710     | 2,780      | 109,175      | 6,009,955     |
| Logan      | 6,640,820     | 1,318,700    | 970,410      | 29,750     | 29,565     | 696,640      | 9,885,075     |
| Mesa       | 5,566,620     | 2,027,170    | 1,148,190    | 32,790     | .....      | 362,060      | 9,136,630     |
| Mineral    | 129,095       | 133,565      | 71,655       | 300        | 1,240      | 7,610        | 343,405       |
| Moffat     | 2,205,620     | 325,005      | 1,017,870    | 4,875      | 4,020      | 111,205      | 3,672,195     |
| Montezuma  | 2,678,345     | 577,818      | 426,685      | 17,058     | 3,675      | 236,860      | 3,971,441     |
| Montrose   | 2,923,860     | 616,535      | 852,650      | 20,290     | .....      | 434,830      | 4,847,165     |
| Morgan     | 5,589,045     | 1,887,200    | 663,595      | 26,125     | 21,420     | 483,340      | 8,670,725     |
| Otero      | 5,013,950     | 2,506,975    | 670,625      | 31,515     | 2,185      | 461,105      | 8,686,355     |
| Ouray      | 610,997       | 86,725       | 221,940      | 1,425      | .....      | 21,205       | 942,292       |
| Park       | 1,476,665     | 476,530      | 484,560      | .....      | 220        | 467,420      | 2,908,175     |
| Phillips   | 3,245,760     | 456,095      | 315,316      | 16,143     | 1,950      | 314,177      | 4,349,431     |
| Pitkin     | 3,577,775     | 906,420      | 291,240      | 1,730      | .....      | 36,655       | 1,212,840     |
| Prowers    | 6,387,760     | 577,460      | 486,432      | 19,097     | 2,870      | 217,338      | 7,790,457     |
| Pueblo     | 5,057,665     | 4,220,110    | 589,230      | 13,655     | 5,350      | 151,195      | 10,037,143    |
| Rio Blanco | 1,722,400     | 436,010      | 894,310      | 2,760      | .....      | 80,940       | 3,136,420     |
| Rio Grande | 3,384,205     | 485,010      | 995,000      | 10,600     | 81,270     | 223,945      | 4,680,030     |
| Routt      | 2,834,130     | 653,410      | 1,133,630    | 9,040      | 20,840     | 148,270      | 4,818,880     |
| Saguache   | 2,365,335     | 337,600      | 707,746      | 6,365      | 23,930     | 79,185       | 3,520,161     |
| San Juan   | 1,625         | .....        | 26,025       | 30         | .....      | 1,370        | 1,231,550     |
| San Miguel | 818,550       | 174,610      | 271,525      | 1,425      | 810        | 23,170       | 1,231,090     |
| Sedgwick   | 2,866,660     | 516,660      | 265,530      | 8,530      | 7,650      | 206,640      | 3,871,560     |
| Summit     | 226,715       | 78,805       | 117,240      | 190        | .....      | 7,035        | 423,385       |
| Teller     | 386,760       | 227,140      | 162,595      | 945        | .....      | 26,960       | 804,400       |
| Washington | 5,333,775     | 500,450      | 955,280      | 23,405     | 6,545      | 278,275      | 7,097,730     |
| Weld       | 21,372,490    | 6,088,780    | 2,039,890    | 71,290     | 14,550     | 1,649,630    | 31,236,630    |
| Yuma       | 5,403,530     | 668,750      | 1,110,300    | 24,350     | 840        | 482,650      | 7,690,420     |
| State      | \$199,193,765 | \$59,278,149 | \$36,386,280 | \$ 775,295 | \$ 434,883 | \$12,325,290 | \$311,918,247 |

\*Exclusive of livestock fed in transit.  
†Includes tractors, \$5,542,659.



|            |            |            |      |           |       |           |       |            |         |           |       |
|------------|------------|------------|------|-----------|-------|-----------|-------|------------|---------|-----------|-------|
| Jackson    | 1,038,720  | 357,996    | 34.5 | 45,185    | 13.9  | 17,219    | 5.3   | 56,611     | 15.8    | 301,385   | 84.2  |
| Jefferson  | 503,040    | 324,817    | 64.6 | 45,185    | 13.9  | 17,219    | 5.3   | 258,886    | 79.7    | 3,527     | 1.1   |
| Kiowa      | 1,146,880  | 1,050,151  | 91.6 | .....     | ..... | 179,042   | 17.0  | 871,109    | 83.0    | .....     | ..... |
| Kit Carson | 1,333,440  | 1,302,432  | 98.7 | .....     | ..... | 755,639   | 58.0  | 545,076    | 41.9    | 1,622     | 0.1   |
| Lake       | 243,200    | 27,814     | 11.4 | 36,741    | 8.2   | 26,632    | 5.9   | 22,919     | 82.4    | 4,895     | 17.6  |
| La Plata   | 1,030,960  | 448,325    | 41.5 | 98,767    | 12.7  | 50,734    | 4.0   | 379,694    | 84.7    | 5,258     | 1.2   |
| Larimer    | 1,676,160  | 2,778,326  | 46.4 | 22,037    | 0.8   | 40,127    | 1.5   | 2,838,618  | 97.4    | 8,736     | 3.4   |
| Las Animas | 3,068,160  | 2,709,518  | 88.3 | .....     | ..... | 889,408   | 59.0  | 617,140    | 40.9    | 2,037     | 0.1   |
| Lincoln    | 1,659,520  | 1,508,605  | 90.9 | 74,790    | 7.5   | 500,006   | 50.2  | 404,915    | 40.7    | 16,183    | 1.6   |
| Logan      | 1,169,280  | 395,894    | 85.2 | .....     | ..... | .....     | ..... | 426,635    | 78.5    | 35,279    | 6.5   |
| Mesa       | 2,120,320  | 543,404    | 25.6 | 81,490    | 15.0  | .....     | ..... | 17,344     | 60.5    | 9,972     | 34.8  |
| Mineral    | 589,440    | 28,667     | 4.9  | 1,351     | 4.7   | .....     | ..... | 990,712    | 95.2    | 6,732     | 0.7   |
| Moffat     | 3,042,560  | 1,040,149  | 34.2 | 11,881    | 1.1   | 30,824    | 3.0   | 66,148     | 188,509 | 54.9      | 19.3  |
| Montezuma  | 1,340,800  | 343,230    | 25.6 | 34,715    | 10.1  | 53,858    | 15.7  | 202,818    | 47.5    | 147,275   | 34.6  |
| Montrose   | 1,432,960  | 426,889    | 29.8 | 52,718    | 12.3  | 24,078    | 5.6   | 419,507    | 56.2    | 44,279    | 5.9   |
| Morgan     | 820,480    | 745,858    | 90.9 | 85,407    | 11.5  | 196,665   | 26.4  | 403,556    | 80.1    | 17,359    | 3.4   |
| Otero      | 810,880    | 504,071    | 62.2 | 75,509    | 15.0  | 7,647     | 1.5   | 125,254    | 78.9    | 22,678    | 14.3  |
| Ouray      | 345,600    | 158,729    | 45.9 | 8,350     | 5.3   | 2,447     | 1.5   | .....      | .....   | .....     | ..... |
| Park       | 1,386,240  | 531,410    | 38.3 | .....     | ..... | 4,118     | 0.8   | 504,461    | 94.9    | 22,831    | 4.3   |
| Phillips   | 435,200    | 410,132    | 94.2 | .....     | ..... | 360,619   | 87.9  | 49,513     | 12.1    | .....     | ..... |
| Pitkin     | 623,360    | 82,797     | 13.3 | 11,997    | 14.4  | 1,336     | 1.6   | 60,025     | 72.5    | 9,529     | 11.5  |
| Prowers    | 1,040,640  | 984,091    | 94.6 | 86,700    | 8.8   | 157,276   | 15.9  | 719,726    | 73.1    | 20,389    | 2.2   |
| Pueblo     | 1,536,640  | 1,203,803  | 78.3 | 44,900    | 3.7   | 38,236    | 3.2   | 1,113,963  | 92.5    | 6,704     | 0.6   |
| Rio Blanco | 2,088,320  | 431,705    | 20.7 | 12,847    | 3.0   | 13,868    | 3.2   | 390,471    | 90.4    | 14,519    | 3.4   |
| Rio Grande | 1,586,240  | 222,088    | 37.9 | 75,948    | 34.2  | .....     | ..... | 123,205    | 55.5    | 22,935    | 10.3  |
| Itouat     | 1,491,200  | 695,330    | 46.6 | 33,984    | 4.9   | 49,397    | 7.1   | 596,011    | 85.7    | 15,938    | 2.3   |
| Saguache   | 2,012,160  | 582,477    | 28.9 | 45,530    | 7.8   | .....     | ..... | 491,999    | 84.5    | 44,948    | 7.7   |
| San Juan   | 276,880    | 216,880    | 0.2  | 6,431     | ..... | .....     | ..... | 200        | 50.6    | 195       | 49.4  |
| San Miguel | 241,120    | 260,499    | 31.7 | 19,460    | 2.5   | 6,595     | 2.5   | 245,855    | 94.6    | 1,638     | 0.6   |
| Sedgwick   | 343,160    | 307,458    | 88.3 | 19,460    | 6.3   | 189,245   | 61.5  | 93,620     | 30.5    | 5,123     | 1.7   |
| Summit     | 333,600    | 42,745     | 10.9 | 6,115     | 14.3  | .....     | ..... | 36,270     | 84.3    | 300       | 0.8   |
| Teller     | 354,560    | 156,304    | 44.1 | .....     | ..... | 10,479    | 6.7   | 143,149    | 91.6    | 2,676     | 1.7   |
| Washington | 1,616,000  | 1,453,281  | 89.9 | 6,344     | 0.4   | 864,056   | 59.5  | 582,881    | 40.1    | .....     | ..... |
| Weld       | 2,562,560  | 2,047,567  | 79.9 | 348,765   | 17.0  | 460,353   | 22.5  | 1,186,503  | 58.0    | 51,946    | 2.5   |
| Yuma       | 1,525,120  | 1,446,910  | 94.9 | 1,652     | 0.1   | 628,430   | 43.4  | 815,418    | 56.4    | 1,510     | 0.1   |
| State      | 66,538,880 | 36,908,909 | 55.5 | 2,055,993 | 5.6   | 8,224,540 | 22.3  | 24,460,709 | 66.2    | 2,167,667 | 5.9   |

\*Revised in accordance with 1940 Census.  
 †Includes 317,654 acres of meadow hay land; 58,650 acres of suburban fruit and vegetable tracts; 277,617 acres of restoration land; 54,536 acres of timber land; 85,474 acres of irrigated pasture land; 1,373,736 acres of arid, waste and seep land.

**TAXATION: MILEAGE AND VALUE OF RAILROADS AND TELEGRAPH AND TELEPHONE LINES AS RETURNED BY STATE TAX COMMISSION, BY COUNTIES, 1941**  
(Source: State Tax Commission)

| COUNTY            | Railroad |               | Telegraph |             | Telephone  |              |
|-------------------|----------|---------------|-----------|-------------|------------|--------------|
|                   | Miles    | Value         | Miles     | Value       | Miles      | Value        |
| Adams .....       | 93.06    | \$ 3,423,910  | 1,288.81  | \$ 54,420   | 8,254.24   | \$ 317,850   |
| Alamosa .....     | 51.45    | 906,700       | 98.18     | 4,520       | 2,329.15   | 78,440       |
| Arapahoe .....    | 50.23    | 1,730,870     | 753.33    | 32,900      | 14,158.90  | 544,420      |
| Archuleta .....   | 32.25    | 568,340       | 61.26     | 2,820       | 291.00     | 11,590       |
| Baca .....        | 104.50   | 3,029,560     | 23.51     | 1,080       | 1,085.00   | 37,620       |
| Bent .....        | 111.04   | 3,219,170     | 488.86    | 15,590      | 2,117.30   | 82,370       |
| Boulder .....     | 85.31    | 2,636,990     | 223.98    | 10,310      | 14,795.20  | 517,400      |
| Chaffee .....     | 76.95    | 1,356,080     | 372.56    | 17,210      | 2,324.00   | 80,580       |
| Cheyenne .....    | 63.12    | 2,333,350     | 570.26    | 26,250      | 930.40     | 47,280       |
| Clear Creek ..... | 9.45     | 270,350       | 17.24     | 790         | 1,203.00   | 41,710       |
| Conejos .....     | 54.05    | 952,520       | 104.06    | 4,790       | 1,236.00   | 42,860       |
| Costilla .....    | 63.78    | 605,100       | 63.07     | 2,900       | 864.00     | 29,960       |
| Crowley .....     | 31.35    | 609,480       | 64.32     | 2,960       | 1,062.10   | 43,590       |
| Custer .....      | .....    | .....         | .....     | .....       | 365.00     | 12,660       |
| Delta .....       | 69.50    | 1,224,790     | 210.03    | 9,670       | 3,776.40   | 114,340      |
| Denver .....      | 52.80    | 7,508,860     | 3,081.55  | 125,600     | 301,383.23 | 10,471,230   |
| Dolores .....     | 17.72    | 26,580        | 16.68     | 770         | 40.30      | 2,470        |
| Douglas .....     | 78.13    | 1,834,490     | 1,760.95  | 72,130      | 3,162.60   | 136,240      |
| Eagle .....       | 120.26   | 2,408,300     | 455.85    | 20,980      | 1,198.50   | 39,340       |
| Elbert .....      | 56.42    | 1,496,590     | 427.86    | 19,690      | 1,831.52   | 114,550      |
| El Paso .....     | 171.41   | 3,493,450     | 2,507.29  | 102,320     | 34,181.64  | 1,227,440    |
| Fremont .....     | 87.98    | 1,775,950     | 429.18    | 19,920      | 4,479.00   | 155,310      |
| Garfield .....    | 87.84    | 1,504,140     | 559.17    | 25,740      | 3,126.00   | 108,390      |
| Gilpin .....      | 21.15    | 779,830       | .....     | .....       | 720.00     | 24,960       |
| Grand .....       | 60.53    | 2,403,850     | .....     | .....       | 1,781.00   | 61,760       |
| Gunnison .....    | 119.28   | 1,946,650     | 176.44    | 8,310       | 1,652.00   | 57,200       |
| Hinsdale .....    | .....    | .....         | .....     | .....       | 76.00      | 1,680        |
| Huerfano .....    | 92.51    | 2,104,150     | 753.01    | 34,810      | 2,655.32   | 105,100      |
| Jackson .....     | 43.88    | 125,000       | .....     | .....       | 330.00     | 11,440       |
| Jefferson .....   | 66.41    | 2,249,270     | 359.01    | 16,520      | 17,551.00  | 608,570      |
| Kiowa .....       | 87.49    | 1,700,900     | 177.34    | 8,160       | 1,438.32   | 93,490       |
| Kit Carson .....  | 60.18    | 652,470       | 304.59    | 14,020      | 1,132.00   | 37,600       |
| Lake .....        | 49.51    | 1,027,620     | 222.89    | 10,260      | 1,430.00   | 49,580       |
| La Plata .....    | 121.00   | 1,652,710     | 165.49    | 7,620       | 3,043.00   | 105,510      |
| Larimer .....     | 138.91   | 4,181,060     | 217.52    | 10,010      | 16,052.56  | 615,360      |
| Las Animas .....  | 191.56   | 6,447,810     | 1,799.64  | 70,710      | 6,343.21   | 248,680      |
| Lincoln .....     | 73.33    | 1,919,150     | 541.22    | 24,910      | 2,430.16   | 145,100      |
| Logan .....       | 133.60   | 4,477,520     | 795.90    | 27,760      | 4,837.25   | 208,320      |
| Mesa .....        | 99.45    | 1,752,590     | 758.78    | 34,920      | 9,823.00   | 339,400      |
| Mineral .....     | 17.40    | 306,640       | 17.82     | 820         | 193.00     | 6,690        |
| Moffat .....      | 7.51     | 253,910       | .....     | .....       | 1,559.00   | 54,060       |
| Montezuma .....   | 62.69    | 94,040        | 58.76     | 2,710       | 1,149.00   | 39,840       |
| Montrose .....    | 52.35    | 922,560       | 128.67    | 5,920       | 3,437.00   | 117,320      |
| Morgan .....      | 90.57    | 3,028,360     | 1,018.48  | 40,050      | 5,426.00   | 225,630      |
| Otero .....       | 91.91    | 2,662,850     | 1,029.52  | 32,780      | 4,909.00   | 179,770      |
| Ouray .....       | 37.35    | 443,780       | 48.13     | 2,220       | 932.00     | 32,320       |
| Park .....        | .....    | .....         | 551.44    | 25,380      | 1,670.00   | 57,910       |
| Phillips .....    | 36.29    | 1,092,440     | 36.30     | 1,670       | 859.38     | 23,020       |
| Pitkin .....      | 39.14    | 375,160       | 19.56     | 900         | 575.00     | 19,940       |
| Prowers .....     | 79.77    | 2,312,620     | 513.57    | 16,450      | 4,704.23   | 233,970      |
| Pueblo .....      | 212.44   | 4,755,120     | 2,273.41  | 92,460      | 39,116.40  | 1,402,120    |
| Rio Blanco .....  | .....    | .....         | .....     | .....       | 855.00     | 28,790       |
| Rio Grande .....  | 52.51    | 822,240       | 66.53     | 3,060       | 2,124.17   | 70,590       |
| Routt .....       | 90.95    | 3,074,980     | .....     | .....       | 2,021.00   | 70,080       |
| Saguache .....    | 90.15    | 1,584,240     | 160.77    | 7,570       | 1,406.17   | 44,330       |
| San Juan .....    | 21.60    | 270,860       | 13.14     | 600         | 527.00     | 18,270       |
| San Miguel .....  | 47.70    | 71,550        | 51.65     | 2,380       | 865.00     | 29,990       |
| Sedgwick .....    | 31.50    | 1,158,350     | 356.85    | 12,640      | 1,366.06   | 70,760       |
| Summit .....      | .....    | .....         | .22       | 10          | 740.00     | 25,930       |
| Teller .....      | 39.30    | 884,870       | .....     | .....       | 2,120.00   | 73,510       |
| Washington .....  | 40.44    | 1,250,350     | 424.55    | 19,090      | 827.05     | 30,800       |
| Weld .....        | 397.96   | 12,271,390    | 3,203.39  | 127,130     | 18,766.65  | 711,220      |
| Yuma .....        | 40.36    | 1,214,960     | 404.85    | 18,630      | 1,908.27   | 58,060       |
| State .....       | 4,507.28 | \$115,187,420 | 30,227.44 | \$1,253,840 | 573,545.68 | \$20,596,310 |

**TAXATION: DISTRIBUTION OF STATE LEVY, AND ESTIMATED REVENUE THEREFROM, 1912-1941, INCLUSIVE**

(Source: State Tax Commission)

Note—Anticipated revenues shown in this table are based on assessments certified to counties by the board of equalization and differ slightly from those shown in other tables which include changes made subsequent to certification.

General State includes ordinary governmental costs and the cost of maintenance and operation of the Capitol buildings. State University includes the university and Colorado General hospital. Agricultural College includes the college, the experiment station and Fort Lewis school. School of Mines includes the experiment station. In 1937 the legislature established a 10 year continuing tax levy of 1.15 mills for buildings at the various state institutions. This was amended in 1942 to provide an average of 0.83654 mills for the remaining five years beginning with 1942. As these are temporary levies they are not included in these tables.

| YEAR | General State |            | State University |            | Agricultural Coll. |           | School of Mines |           |
|------|---------------|------------|------------------|------------|--------------------|-----------|-----------------|-----------|
|      | Levy, Mills   | Revenue    | Levy, Mills      | Revenue    | Levy, Mills        | Revenue   | Levy, Mills     | Revenue   |
| 1912 | 2.30950       | \$ 975,380 | 0.40000          | \$ 168,923 | 0.20000            | \$ 84,466 | 0.20000         | \$ 84,466 |
| 1913 | 0.71920       | 939,623    | 0.13650          | 178,264    | 0.06820            | 89,132    | 0.06820         | 89,132    |
| 1914 | 0.75220       | 985,059    | 0.14275          | 186,942    | 0.07138            | 93,471    | 0.06800         | 89,050    |
| 1915 | 0.73000       | 911,887    | 0.20450          | 255,386    | 0.14480            | 180,928   | 0.07150         | 89,268    |
| 1916 | 0.70000       | 848,159    | 0.20450          | 247,719    | 0.14480            | 175,497   | 0.07150         | 86,588    |
| 1917 | 0.80230       | 1,047,218  | 0.39170          | 511,385    | 0.30340            | 396,011   | 0.08840         | 115,374   |
| 1918 | 0.74500       | 1,059,745  | 0.38660          | 549,788    | 0.30150            | 428,767   | 0.08270         | 117,609   |
| 1919 | 0.86540       | 1,294,017  | 0.38660          | 578,050    | 0.28650            | 428,379   | 0.08270         | 123,654   |
| 1920 | 0.85720       | 1,363,177  | 0.38360          | 607,800    | 0.28430            | 450,444   | 0.08180         | 130,084   |
| 1921 | 0.89310       | 1,409,463  | 0.74770          | 1,179,496  | 0.42440            | 670,784   | 0.13290         | 209,798   |
| 1922 | 0.91840       | 1,422,188  | 0.74770          | 1,157,338  | 0.42440            | 658,194   | 0.13290         | 205,858   |
| 1923 | 0.88520       | 1,366,081  | 0.59770          | 922,380    | 0.41780            | 644,768   | 0.13290         | 205,139   |
| 1924 | 0.65570       | 1,010,137  | 0.59770          | 920,757    | 0.42530            | 655,292   | 0.13290         | 204,779   |
| 1925 | 0.64950       | 1,000,706  | 0.59770          | 920,895    | 0.41780            | 643,733   | 0.13290         | 204,811   |
| 1926 | 0.53016       | 820,047    | 0.60324          | 933,086    | 0.42004            | 649,716   | 0.13842         | 214,107   |
| 1927 | 0.65082       | 1,018,723  | 0.61989          | 970,308    | 0.38132            | 596,877   | 0.17534         | 274,458   |
| 1928 | 0.52892       | 834,403    | 0.61989          | 977,914    | 0.38132            | 601,555   | 0.17534         | 276,609   |
| 1929 | 0.102672      | 1,629,240  | 0.61989          | 983,666    | 0.38132            | 605,094   | 0.17534         | 278,236   |
| 1930 | 0.104172      | 1,652,650  | 0.61989          | 983,433    | 0.38132            | 604,950   | 0.17534         | 278,170   |
| 1931 | 0.94172       | 1,354,615  | 0.61989          | 891,680    | 0.38132            | 548,509   | 0.17534         | 252,217   |
| 1932 | 0.91332       | 1,169,565  | 0.61989          | 793,809    | 0.38132            | 488,305   | 0.17534         | 224,534   |
| 1933 | 0.59182       | 650,768    | 0.61989          | 681,633    | 0.38132            | 419,301   | 0.17534         | 192,805   |
| 1934 | 0.58382       | 641,866    | 0.61989          | 681,522    | 0.38132            | 419,233   | 0.17534         | 192,773   |
| 1935 | 0.41500       | 451,665    | 0.61989          | 674,658    | 0.38132            | 415,010   | 0.17534         | 190,831   |
| 1936 | 0.43400       | 479,795    | 0.61989          | 685,299    | 0.38132            | 421,556   | 0.17534         | 193,842   |
| 1937 | 0.55500       | 505,438    | 0.61989          | 688,606    | 0.38132            | 423,590   | 0.17534         | 194,777   |
| 1938 | 0.42082       | 463,761    | 0.61989          | 683,144    | 0.38132            | 420,230   | 0.17534         | 193,232   |
| 1939 | 0.46832       | 521,839    | 0.61989          | 690,730    | 0.38132            | 424,897   | 0.17534         | 195,378   |
| 1940 | 0.43232       | 481,162    | 0.61989          | 697,308    | 0.38132            | 424,400   | 0.17534         | 195,149   |
| 1941 | 0.38782       | 437,143    | 0.61989          | 698,728    | 0.38132            | 429,817   | 0.17534         | 197,640   |

| YEAR | Teachers College |           | Western State Coll |           | Insane Hospital |           | Deaf & Blind School |           |
|------|------------------|-----------|--------------------|-----------|-----------------|-----------|---------------------|-----------|
|      | Levy, Mills      | Revenue   | Levy, Mills        | Revenue   | Levy, Mills     | Revenue   | Levy, Mills         | Revenue   |
| 1912 | 0.20000          | \$ 84,466 | .....              | .....     | 0.20000         | \$ 84,466 | 0.20000             | \$ 84,466 |
| 1913 | 0.06820          | 89,132    | .....              | .....     | 0.06820         | 89,132    | 0.06820             | 89,132    |
| 1914 | 0.07138          | 93,471    | .....              | .....     | 0.07138         | 93,471    | 0.07138             | 93,471    |
| 1915 | 0.10230          | 127,838   | 0.03000            | \$ 37,476 | 0.07480         | 93,485    | 0.10230             | 127,838   |
| 1916 | 0.10230          | 124,000   | 0.03000            | 36,351    | 0.07480         | 90,679    | 0.10230             | 124,000   |
| 1917 | 0.19590          | 255,692   | 0.06500            | 84,843    | 0.27300         | 356,278   | 0.10040             | 131,116   |
| 1918 | 0.19400          | 275,890   | 0.06500            | 92,438    | 0.26600         | 378,282   | 0.09400             | 133,679   |
| 1919 | 0.19400          | 290,072   | 0.08000            | 119,617   | 0.26600         | 397,727   | 0.09400             | 140,550   |
| 1920 | 0.19250          | 305,013   | 0.07600            | 125,868   | 0.26300         | 418,240   | 0.09300             | 147,895   |
| 1921 | 0.27490          | 433,656   | 0.10280            | 162,107   | 0.26530         | 418,711   | 0.13820             | 218,115   |
| 1922 | 0.27490          | 425,515   | 0.10280            | 159,063   | 0.26530         | 410,848   | 0.13820             | 214,019   |
| 1923 | 0.27500          | 424,305   | 0.09530            | 147,037   | 0.26530         | 409,414   | 0.13820             | 213,272   |
| 1924 | 0.27500          | 423,561   | 0.09530            | 146,777   | 0.26530         | 408,695   | 0.13820             | 212,897   |
| 1925 | 0.27500          | 423,624   | 0.11030            | 169,912   | 0.26530         | 408,756   | 0.13820             | 212,929   |
| 1926 | 4.27702          | 428,493   | 0.10285            | 159,088   | 0.26822         | 414,881   | 0.14022             | 216,891   |
| 1927 | 0.26042          | 407,633   | 0.10044            | 157,218   | 0.26822         | 419,842   | 0.14022             | 219,485   |
| 1928 | 0.26042          | 410,828   | 0.10044            | 158,450   | 0.26822         | 423,133   | 0.14022             | 221,206   |
| 1929 | 9.26042          | 413,245   | 0.12544            | 199,053   | 0.26822         | 425,622   | 0.14022             | 222,507   |
| 1930 | 0.26042          | 413,147   | 0.12544            | 199,006   | 0.26822         | 425,521   | 0.14022             | 222,454   |
| 1931 | 0.26042          | 374,601   | 0.10044            | 144,478   | 0.26822         | 385,821   | 0.14022             | 201,699   |
| 1932 | 0.26042          | 333,484   | 0.10044            | 128,619   | 0.26822         | 343,473   | 0.14022             | 179,581   |
| 1933 | 0.26042          | 286,359   | 0.10044            | 110,444   | 0.26822         | 294,936   | 0.14022             | 154,186   |
| 1934 | 0.26042          | 286,312   | 0.10044            | 110,426   | 0.26822         | 294,888   | 0.14022             | 154,181   |
| 1935 | 0.26042          | 283,428   | 0.10044            | 109,314   | 0.26822         | 291,917   | 0.14022             | 152,609   |
| 1936 | 0.26042          | 287,899   | 0.10044            | 111,038   | 0.26822         | 286,522   | 0.14022             | 155,015   |
| 1937 | 0.26042          | 289,288   | 0.10044            | 111,574   | 0.26822         | 297,953   | 0.14022             | 153,764   |
| 1938 | 0.26042          | 286,993   | 0.10044            | 110,889   | 0.26822         | 295,589   | 0.14022             | 154,528   |
| 1939 | 0.26042          | 290,180   | 0.10044            | 111,918   | 0.26822         | 298,872   | 0.14022             | 156,244   |
| 1940 | 0.26042          | 289,841   | 0.10044            | 111,787   | 0.26822         | 298,523   | 0.14022             | 156,062   |
| 1941 | 0.26042          | 293,540   | 0.10044            | 113,214   | 0.26822         | 302,332   | 0.14022             | 158,053   |

**TAXATION: DISTRIBUTION OF STATE LEVY, AND ESTIMATED REVENUE THEREFROM, 1912-1941, INCLUSIVE—Continued**

| YEAR | Bonds and Interest |            | Highways    |            | Miscellaneous |           | State Totals |               |
|------|--------------------|------------|-------------|------------|---------------|-----------|--------------|---------------|
|      | Levy, Mills        | Revenue    | Levy, Mills | Revenue    | Levy, Mills   | Revenue   | Total Levy   | Total Revenue |
| 1912 | 0.27940            | \$ 117,984 |             |            | 0.06670       | \$ 28,155 | 4.0556       | \$ 1,712,772  |
| 1913 | 0.08290            | 108,300    |             |            | 0.02040       | 26,600    | 1.3000       | 1,698,447     |
| 1914 | 0.12125            | 158,794    |             |            | 0.02028       | 26,558    | 1.3900       | 1,820,287     |
| 1915 | 0.11950            | 149,280    | 0.5000      | \$ 824,600 | 0.02030       | 25,334    | 2.1000       | 2,623,320     |
| 1916 | 0.11950            | 144,797    | 0.5000      | 605,849    | 0.02030       | 24,573    | 2.0700       | 2,508,212     |
| 1917 | 0.11950            | 155,981    | 0.5000      | 652,643    | 0.28040       | 365,951   | 3.1200       | 4,072,492     |
| 1918 | 0.10650            | 151,455    | 0.5000      | 711,057    | 0.02870       | 40,815    | 2.7700       | 3,939,525     |
| 1919 | 0.09800            | 146,531    | 1.0000      | 1,495,214  | 0.11680       | 174,581   | 3.4700       | 5,188,392     |
| 1920 | 0.11990            | 190,673    | 0.9886      | 1,572,139  | 0.13010       | 206,895   | 3.4700       | 5,518,228     |
| 1921 | 0.23180            | 365,807    | 0.9973      | 1,573,932  | 0.14160       | 223,544   | 4.3500       | 6,865,413     |
| 1922 | 0.27500            | 425,870    | 0.9973      | 1,544,375  | 0.20310       | 314,540   | 4.4800       | 6,937,808     |
| 1923 | 0.39800            | 614,198    | 0.5000      | 771,606    | 0.22460       | 346,620   | 3.9300       | 6,064,820     |
| 1924 | 0.39400            | 606,958    | 0.5000      | 770,250    | 0.22060       | 339,850   | 3.7000       | 5,699,953     |
| 1925 | 0.38600            | 594,723    | 0.5000      | 770,366    | 0.22730       | 350,255   | 3.7000       | 5,700,709     |
| 1926 | 0.54600            | 844,549    | 0.5000      | 773,396    | 0.14380       | 222,475   | 3.6700       | 5,676,729     |
| 1927 | 0.54000            | 845,257    | 0.5000      | 782,645    | 0.20330       | 318,271   | 3.8400       | 6,010,717     |
| 1928 | 0.40190            | 634,021    | 0.5000      | 788,780    | 0.18330       | 289,214   | 3.5600       | 5,616,113     |
| 1929 | 0.38410            | 609,505    |             |            | 0.27830       | 441,665   | 3.6600       | 5,807,833     |
| 1930 | 0.39410            | 625,225    |             |            | 0.18333       | 290,846   | 3.5900       | 5,695,402     |
| 1931 | 0.41910            | 602,854    |             |            | 0.18333       | 263,710   | 3.4900       | 5,020,184     |
| 1932 | 0.44750            | 573,052    |             |            | 0.18333       | 234,766   | 3.4900       | 4,469,168     |
| 1933 | 0.67900            | 746,631    |             |            | 0.18333       | 201,590   | 3.4000       | 3,738,653     |
| 1934 | 0.68700            | 755,305    |             |            | 0.18333       | 201,558   | 3.4000       | 3,738,044     |
| 1935 | 0.45582            | 496,092    |             |            | 0.18333       | 199,527   | 3.0000       | 3,265,051     |
| 1936 | 0.43682            | 482,913    |             |            | 0.18333       | 202,675   | 3.0000       | 3,316,554     |
| 1937 | 0.43582            | 484,131    |             |            | 0.18333       | 703,652   | 4.5000       | 4,998,833     |
| 1938 | 0.57000            | 628,163    |             |            | 0.18333       | 202,037   | 4.5000       | 4,959,183     |
| 1939 | 0.42250            | 470,783    |             |            | 0.18333       | 184,224   | 4.4000       | 4,902,824     |
| 1940 | 0.40850            | 454,651    |             |            | 0.18333       | 204,042   | 4.3500       | 4,841,447     |
| 1941 | 0.35300            | 397,895    |             |            | 0.18333       | 206,646   | 4.2500       | 4,790,518     |

Note—The Miscellaneous column includes levies for stock inspection, 0.03333; war and other military uses, 0.07; the state fair tax, 0.03; Adams State Normal, 0.05.

**TAXATION: SUMMARY OF ASSESSED VALUATIONS BY COUNTY ASSESSORS AND STATE TAX COMMISSION AND ADDITIONS BY COUNTY TREASURERS, AND ANTICIPATED REVENUE FOR ALL PURPOSES, BY YEARS**

(Source: State Tax Commission)

| YEAR | *Net Assessment by County Assessors | Val. by Tax Commission | Additions by County Treasurers | Total Val. Upon Which Taxes Are Levied | Anticipated Revenue For All Purposes |
|------|-------------------------------------|------------------------|--------------------------------|--|--------------------------------------|
| 1921 | \$ 1,351,837,539                    | \$ 226,418,960         | \$ 5,749,998                   | \$ 1,584,006,497                       | \$ 42,260,392                        |
| 1922 | 1,322,490,909                       | 226,126,970            | 2,144,438                      | 1,550,762,317                          | 41,956,321                           |
| 1923 | 1,315,245,412                       | 227,966,480            | 4,056,872                      | 1,547,268,764                          | 42,241,488                           |
| 1924 | 1,310,326,570                       | 227,770,150            | 3,294,370                      | 1,534,802,350                          | 42,992,809                           |
| 1925 | 1,313,345,047                       | 227,387,440            | 6,969,879                      | 1,547,702,366                          | 45,190,472                           |
| 1926 | 1,320,890,766                       | 225,939,280            | 7,817,280                      | 1,554,647,326                          | 46,241,540                           |
| 1927 | 1,332,474,176                       | 232,816,490            | 8,662,381                      | 1,573,953,047                          | 47,975,566                           |
| 1928 | 1,344,532,680                       | 233,027,700            | 1,775,796                      | 1,579,336,176                          | 48,230,751                           |
| 1929 | 1,346,068,169                       | 240,851,600            | 6,478,003                      | 1,593,397,772                          | 49,633,933                           |
| 1930 | 1,333,377,923                       | 253,084,980            | 4,211,194                      | 1,590,674,097                          | 49,206,717                           |
| 1931 | 1,187,137,920                       | 251,310,145            | 8,721,654                      | 1,447,169,719                          | 44,863,801                           |
| 1932 | 1,067,353,950                       | 213,209,940            | 3,693,208                      | 1,284,257,098                          | 39,997,921                           |
| 1933 | 900,562,445                         | 199,041,445            | 1,924,508                      | 1,101,528,398                          | 36,793,069                           |
| 1934 | 900,979,018                         | 198,353,545            | 3,351,532                      | 1,102,684,095                          | 36,813,062                           |
| 1935 | 894,489,990                         | 193,860,545            | 1,265,805                      | 1,089,616,340                          | 36,961,586                           |
| 1936 | 908,232,550                         | 195,331,055            | 1,954,249                      | 1,105,517,854                          | 38,138,805                           |
| 1937 | 881,212,278                         | 229,639,517            | 709,211                        | 1,111,561,006                          | 40,757,978                           |
| 1938 | 877,402,580                         | 224,638,144            | 2,525,546                      | 1,104,566,270                          | 40,400,370                           |
| 1939 | 892,768,723                         | 221,509,492            | 845,398                        | 1,115,123,613                          | 42,020,901                           |
| 1940 | 914,480,523                         | 198,495,880            | 214,197                        | 1,113,190,600                          | 41,709,092                           |
| 1941 | 930,067,818                         | 197,112,983            | —399,429                       | 1,126,781,372                          | 41,889,155                           |

\*After deduction of exemptions allowed heads of families.

(—) Reduction from valuations certified by the tax commission.

**TAXATION: MILL LEVIES FOR STATE, COUNTY AND GENERAL SCHOOL PURPOSES, BY COUNTIES AND BY YEARS, EXCLUSIVE OF SPECIAL SCHOOL AND MUNICIPAL LEVIES**  
(Source: State Tax Commission)

| COUNTY      | 1941   | 1940   | 1939    | 1938   | 1937   | 1936   | 1935   | 1934   | 1933   | 1932   | 1931   | 1930   | 1929   | 1928   | 1927   | 1926   |
|-------------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Adams       | 15.00  | 15.30  | 16.10   | 15.53  | 16.50  | 15.00  | 15.00  | 15.90  | 15.19  | 14.23  | 13.71  | 13.81  | 13.66  | 13.56  | 13.64  | 12.72  |
| Alamosa     | 15.12  | 15.30  | 15.35   | 15.95  | 16.45  | 14.53  | 14.23  | 13.65  | 13.40  | 13.49  | 13.93  | 14.29  | 14.13  | 14.26  | 15.02  | 14.97  |
| Arapahoe    | 17.20  | 16.30  | 17.20   | 18.10  | 19.30  | 18.00  | 16.00  | 16.40  | 15.40  | 14.10  | 14.10  | 14.26  | 14.33  | 14.68  | 15.26  | 15.09  |
| Archuleta   | 18.83  | 18.87  | 19.92   | 20.90  | 20.14  | 18.10  | 17.50  | 19.40  | 17.80  | 12.49  | 14.59  | 15.14  | 17.21  | 19.21  | 16.49  | 14.42  |
| Baca        | 17.50  | 17.77  | 17.90   | 18.00  | 18.50  | 17.50  | 17.50  | 14.50  | 14.00  | 14.50  | 15.00  | 15.00  | 16.00  | 16.00  | 15.00  | 15.00  |
| Bent        | 16.30  | 16.85  | 17.10   | 16.50  | 16.70  | 15.20  | 15.20  | 15.70  | 15.70  | 13.59  | 15.61  | 15.91  | 14.59  | 13.56  | 14.44  | 14.13  |
| Boulder     | 18.10  | 17.30  | 17.44   | 17.71  | 16.74  | 15.90  | 15.90  | 16.30  | 15.30  | 13.49  | 12.49  | 13.90  | 14.60  | 13.80  | 14.00  | 12.40  |
| Chaffee     | 21.19  | 21.17  | 21.24   | 22.10  | 21.50  | 20.00  | 20.00  | 20.40  | 20.40  | 18.79  | 18.79  | 19.04  | 19.96  | 15.36  | 15.19  | 16.22  |
| Cheyenne    | 13.53  | 13.45  | 13.44   | 12.82  | 12.60  | 10.35  | 10.98  | 11.16  | 10.53  | 9.02   | 8.82   | 8.58   | 8.99   | 8.29   | 9.18   | 8.47   |
| Clear Creek | 25.55  | 25.69  | 25.89   | 25.90  | 25.40  | 24.90  | 20.90  | 20.90  | 20.00  | 18.99  | 18.99  | 17.09  | 17.16  | 16.16  | 17.11  | 17.27  |
| Conejos     | 16.65  | 16.72  | 16.73   | 17.60  | 19.15  | 17.00  | 17.00  | 16.30  | 16.60  | 16.19  | 16.99  | 18.59  | 20.66  | 18.17  | 19.04  | 18.97  |
| Costilla    | 24.25  | 24.22  | 24.65   | 23.10  | 23.89  | 22.30  | 22.425 | 22.70  | 23.525 | 23.39  | 23.49  | 22.59  | 22.66  | 22.56  | 22.84  | 22.67  |
| Crowley     | 19.25  | 19.35  | 19.40   | 19.00  | 19.50  | 15.00  | 14.15  | 14.05  | 14.05  | 12.19  | 11.19  | 11.59  | 12.26  | 12.56  | 14.44  | 14.98  |
| Custer      | 21.75  | 21.55  | 21.93   | 20.20  | 21.00  | 19.50  | 19.50  | 19.10  | 18.40  | 18.49  | 18.49  | 18.59  | 19.16  | 17.56  | 17.14  | 17.17  |
| Delta       | 22.86  | 22.86  | 23.21   | 24.17  | 24.99  | 24.92  | 24.92  | 22.29  | 22.80  | 20.39  | 20.79  | 21.42  | 21.11  | 20.54  | 19.06  | 17.01  |
| Denver*     | 24.303 | 39.40  | 39.94   | 37.90  | 38.49  | 35.40  | 34.60  | 32.75  | 34.35  | 32.00  | 32.05  | 32.20  | 32.20  | 32.90  | 31.90  | 31.40  |
| Dolores     | 27.27  | 28.63  | 30.9165 | 30.80  | 33.70  | 33.40  | 28.90  | 29.30  | 29.30  | 27.89  | 27.89  | 27.99  | 28.06  | 27.46  | 31.74  | 31.57  |
| Douglas     | 19.78  | 19.88  | 20.29   | 16.85  | 18.38  | 16.65  | 14.52  | 13.96  | 13.92  | 12.99  | 12.99  | 12.77  | 12.85  | 12.66  | 12.94  | 12.77  |
| Eagle       | 15.41  | 15.85  | 15.45   | 15.94  | 16.20  | 16.00  | 16.50  | 18.40  | 18.40  | 19.09  | 19.09  | 19.19  | 18.64  | 18.56  | 18.84  | 20.17  |
| Elbert      | 17.15  | 17.23  | 17.30   | 17.40  | 17.48  | 15.98  | 15.975 | 16.28  | 16.00  | 14.31  | 14.30  | 12.65  | 12.54  | 11.80  | 12.51  | 12.30  |
| El Paso     | 15.62  | 14.72  | 15.59   | 16.27  | 17.07  | 15.59  | 14.55  | 14.00  | 14.90  | 12.82  | 11.96  | 11.77  | 12.07  | 12.02  | 11.79  | 11.76  |
| Fremont     | 17.75  | 18.80  | 19.40   | 18.00  | 18.00  | 14.60  | 14.60  | 15.20  | 13.80  | 13.90  | 14.20  | 11.11  | 14.60  | 11.50  | 16.50  | 16.20  |
| Garfield    | 20.55  | 21.35  | 21.40   | 19.80  | 19.78  | 19.00  | 19.00  | 19.40  | 19.40  | 18.49  | 19.19  | 19.24  | 19.66  | 20.56  | 21.19  | 20.67  |
| Gilpin      | 25.75  | 25.42  | 26.42   | 26.40  | 25.995 | 22.625 | 22.10  | 22.90  | 22.40  | 19.99  | 24.99  | 20.59  | 20.16  | 21.06  | 21.34  | 21.17  |
| Grand       | 19.53  | 19.35  | 19.44   | 19.07  | 14.69  | 14.02  | 16.00  | 17.655 | 16.70  | 14.515 | 14.44  | 13.835 | 16.50  | 16.09  | 15.03  | 18.47  |
| Gunnison    | 23.25  | 22.20  | 22.25   | 22.50  | 21.30  | 17.50  | 17.80  | 16.80  | 17.80  | 14.44  | 14.44  | 11.54  | 14.61  | 15.56  | 13.27  | 13.15  |
| Hinsdale    | 33.745 | 33.82  | 33.879  | 34.00  | 34.00  | 32.50  | 32.00  | 32.40  | 26.75  | 23.54  | 25.84  | 27.59  | 35.91  | 35.81  | 32.81  | 32.67  |
| Huerfano    | 29.88  | 30.466 | 30.61   | 30.79  | 26.90  | 24.75  | 22.25  | 21.65  | 20.90  | 18.79  | 18.79  | 19.89  | 18.96  | 20.41  | 17.59  | 19.42  |
| Jackson     | 16.23  | 16.15  | 16.90   | 16.51  | 15.00  | 14.12  | 13.27  | 15.26  | 13.779 | 12.59  | 9.59   | 10.19  | 11.61  | 11.46  | 12.09  | 12.37  |
| Jefferson   | 22.50  | 20.70  | 20.89   | 21.40  | 22.00  | 20.50  | 18.00  | 17.40  | 16.40  | 15.00  | 15.50  | 15.00  | 15.00  | 16.00  | 16.30  | 15.50  |
| Kiowa       | 17.322 | 17.35  | 16.79   | 16.74  | 16.13  | 14.00  | 14.35  | 12.92  | 11.32  | 11.41  | 11.17  | 7.63   | 7.72   | 6.58   | 10.64  | 10.59  |
| Kitt Carson | 17.96  | 18.29  | 16.41   | 16.59  | 16.66  | 14.00  | 14.45  | 14.85  | 14.85  | 13.56  | 14.58  | 14.28  | 13.70  | 11.98  | 11.69  | 11.62  |
| Lake        | 12.75  | 9.35   | 14.80   | 19.30  | 20.90  | 20.07  | 20.05  | 18.46  | 17.96  | 18.25  | 20.70  | 19.20  | 19.20  | 19.00  | 18.80  | 21.80  |
| La Plata    | 21.20  | 21.444 | 22.58   | 23.60  | 23.25  | 21.00  | 20.875 | 21.375 | 20.595 | 18.595 | 18.46  | 17.98  | 18.21  | 17.56  | 19.19  | 17.10  |
| Larimer     | 18.50  | 20.10  | 20.70   | 20.50  | 21.50  | 20.00  | 17.10  | 17.50  | 15.90  | 15.04  | 15.81  | 16.96  | 16.03  | 15.92  | 14.37  | 14.22  |
| Las Animas  | 22.75  | 22.85  | 21.95   | 20.75  | 22.75  | 21.00  | 21.00  | 18.41  | 17.73  | 15.19  | 16.79  | 15.84  | 15.83  | 14.36  | 14.64  | 14.47  |
| Lincoln     | 17.13  | 17.11  | 17.40   | 17.50  | 17.50  | 16.00  | 15.90  | 14.66  | 14.63  | 14.00  | 14.16  | 14.00  | 13.56  | 13.07  | 12.90  | 11.54  |
| Logan       | 13.91  | 14.00  | 14.20   | 14.30  | 14.84  | 13.33  | 13.25  | 13.34  | 13.34  | 12.91  | 13.50  | 11.21  | 14.31  | 15.00  | 13.94  | 12.26  |
| Mesa        | 18.02  | 18.07  | 19.595  | 17.90  | 19.70  | 16.42  | 18.92  | 17.40  | 16.35  | 11.44  | 15.49  | 15.59  | 15.66  | 15.56  | 16.44  | 16.27  |
| Mineral     | 17.00  | 16.52  | 16.57   | 17.77  | 18.17  | 16.17  | 16.17  | 15.57  | 14.57  | 14.66  | 14.66  | 15.26  | 15.83  | 15.73  | 17.51  | 17.64  |
| Moffat      | 15.99  | 18.017 | 19.21   | 19.31  | 20.00  | 18.50  | 18.50  | 19.15  | 20.40  | 20.49  | 20.49  | 21.84  | 21.91  | 20.56  | 20.84  | 19.095 |
| Montezuma   | 20.69  | 22.05  | 21.11   | 20.50  | 24.04  | 22.54  | 22.54  | 22.94  | 22.84  | 23.02  | 23.12  | 22.22  | 20.98  | 21.68  | 22.59  | 22.32  |
| Montrose    | 19.72  | 19.43  | 19.63   | 19.34  | 20.38  | 18.73  | 19.12  | 19.97  | 20.64  | 18.875 | 19.67  | 20.686 | 20.93  | 19.79  | 19.14  | 18.61  |
| Morgan      | 16.75  | 17.10  | 16.90   | 17.00  | 17.00  | 14.50  | 14.50  | 13.80  | 14.20  | 12.00  | 13.00  | 15.00  | 15.00  | 15.00  | 15.00  | 11.00  |
| Otero       | 16.10  | 15.00  | 16.18   | 15.40  | 16.50  | 15.00  | 14.10  | 11.90  | 14.10  | 13.83  | 12.71  | 12.81  | 13.07  | 11.50  | 12.11  | 11.97  |
| Ouray       | 28.62  | 27.44  | 27.53   | 26.10  | 24.90  | 23.40  | 23.40  | 23.75  | 24.00  | 21.49  | 21.59  | 21.19  | 21.66  | 22.56  | 23.665 | 23.87  |
| Park        | 19.48  | 20.11  | 18.29   | 18.30  | 17.60  | 17.10  | 16.70  | 14.10  | 13.40  | 12.89  | 12.89  | 12.89  | 13.26  | 13.16  | 13.51  | 12.17  |
| Phillips    | 15.22  | 15.54  | 15.80   | 15.90  | 15.99  | 13.90  | 13.90  | 13.90  | 13.90  | 12.80  | 12.39  | 11.90  | 11.65  | 11.65  | 12.59  | 12.22  |
| Pitkin      | 23.20  | 23.25  | 20.77   | 21.44  | 20.00  | 27.50  | 25.60  | 27.025 | 28.025 | 24.49  | 21.49  | 23.59  | 26.66  | 25.06  | 26.84  | 24.67  |
| Prowers     | 16.30  | 17.80  | 17.90   | 15.40  | 14.15  | 14.65  | 14.90  | 14.60  | 14.90  | 16.06  | 16.39  | 15.51  | 15.59  | 14.36  | 12.99  | 12.82  |
| Pueblo      | 15.15  | 15.25  | 15.80   | 16.30  | 15.80  | 14.30  | 14.30  | 14.70  | 13.68  | 13.51  | 12.68  | 12.54  | 12.91  | 12.94  | 13.99  | 13.42  |
| Rio Blanco  | 25.42  | 20.60  | 20.73   | 22.20  | 22.30  | 19.80  | 18.20  | 18.75  | 18.75  | 17.05  | 17.55  | 17.65  | 17.70  | 17.25  | 16.55  | 19.20  |
| Rio Grande  | 16.50  | 17.60  | 18.40   | 18.00  | 17.70  | 16.70  | 15.20  | 15.60  | 15.10  | 13.74  | 14.49  | 16.34  | 16.86  | 14.76  | 14.24  | 12.42  |
| Routt       | 17.35  | 17.42  | 17.55   | 17.90  | 17.90  | 16.40  | 16.40  | 17.80  | 17.80  | 16.39  | 16.39  | 16.04  | 16.11  | 14.81  | 14.69  | 14.52  |
| Saguache    | 16.78  | 16.884 | 16.935  | 17.03  | 17.80  | 15.40  | 15.40  | 15.90  | 15.90  | 14.49  | 12.49  | 13.99  | 14.06  | 13.56  | 13.81  | 12.57  |
| San Juan    | 23.66  | 24.84  | 26.85   | 26.95  | 27.50  | 24.00  | 23.00  | 23.52  | 21.52  | 19.61  | 20.06  | 19.74  | 19.24  | 19.20  | 19.10  | 18.17  |
| San Miguel  | 21.55  | 23.00  | 24.90   | 25.50  | 26.50  | 25.00  | 23.40  | 23.00  | 23.50  | 24.00  | 26.00  | 22.00  | 26.00  | 22.00  | 23.40  | 21.00  |
| Sedgwick    | 15.52  | 15.55  | 15.68   | 15.63  | 16.73  | 14.31  | 12.586 | 12.095 | 12.615 | 12.318 | 13.299 | 13.44  | 16.16  | 15.546 | 14.67  | 16.379 |
| Summit      | 22.324 | 13.06  | 19.80   | 18.65  | 18.25  | 16.25  | 15.25  | 15.65  | 15.65  | 15.365 | 16.865 | 16.965 | 17.035 | 16.56  | 15.965 | 15.045 |
| Teller      | 20.00  | 21.10  | 21.20   | 21.70  | 22.60  | 21.60  | 21.60  | 22.00  | 22.00  | 21.59  | 21.59  | 21.69  | 21.74  | 21.66  | 21.56  | 21.27  |
| Washington  | 15.60  | 15.65  | 15.17   | 15.50  | 16.50  | 14.30  | 14.795 | 14.77  | 14.77  | 14.11  | 14.64  | 15.99  | 13.91  | 12.39  | 13.03  | 14.14  |
| Weld        | 16.735 | 15.215 | 15.281  | 14.131 | 14.40  | 13.10  | 13.10  | 13.50  | 14.00  | 12.60  | 11.90  | 14.20  | 14.50  | 14.30  | 14.50  | 13.60  |
| Yuma        | 18.08  | 17.70  | 18.10   | 18.50  | 18.50  | 15.50  | 14.00  | 13.40  | 13.40  | 12.74  | 12.74  | 13.09  | 13.16  | 13.06  | 13.44  | 13.47  |

\*Includes levies for state, county, general school and municipal purposes.



TAXATION: ASSESSED VALUE OF PUBLIC UTILITIES, AS RETURNED BY THE STATE TAX COMMISSION, AND NET TOTAL, INCLUDING COUNTY ASSESSORS' RETURNS, BY YEARS, AND PER CENT INCREASE, 1913-1941  
(Source: State Tax Commission)

| Year   | RAILROADS<br>(Steam and Electric) |             |                     |          | TELEPHONE LINES |                     |         |           | TELEGRAPH LINES     |            |               |                     | Value<br>All Other<br>Property | Total by<br>Tax Com-<br>mission | Total<br>Assessment<br>Including<br>County<br>Assessors' |
|--|-----------------------------------|-------------|---------------------|----------|-----------------|---------------------|---------|-----------|---------------------|------------|---------------|---------------------|--------------------------------|---------------------------------|--|
|  | Miles                             | Value       | Val.<br>Per<br>Mile | Miles    | Value           | Val.<br>Per<br>Mile | Miles   | Value     | Val.<br>Per<br>Mile | Miles      | Value         | Val.<br>Per<br>Mile |                                |                                 |  |
|  | 1913                              | 5,655       | \$174,774,505       | \$30,906 | 247,283         | \$10,842,640        | \$43.85 | 28,252    | \$1,507,070         | \$53.34    | \$73,117,780  | \$260,241,995       |                                |                                 |  |
| 1914   | 5,814                             | 179,460,890 | 30,867              | 258,524  | 10,842,490      | 42.77               | 28,304  | 1,495,600 | 52.84               | 71,871,005 | 263,669,985   | 1,176,156,170       |                                |                                 |  |
| 1915   | 5,604                             | 173,499,560 | 30,959              | 256,407  | 10,558,510      | 41.34               | 28,279  | 1,477,640 | 52.25               | 68,149,950 | 253,685,650   | 1,189,970,513       |                                |                                 |  |
| 1916   | 5,588                             | 168,911,680 | 30,227              | 276,498  | 12,741,550      | 46.08               | 28,008  | 1,607,860 | 57.01               | 59,190,084 | 242,451,164   | 1,209,561,148       |                                |                                 |  |
| 1917   | 5,587                             | 169,796,900 | 30,391              | 278,072  | 12,890,130      | 46.35               | 28,055  | 2,090,320 | 73.48               | 62,830,300 | 247,567,650   | 1,305,286,409       |                                |                                 |  |
| 1918   | 5,542                             | 169,086,470 | 30,510              | 285,074  | 12,666,340      | 44.43               | 26,114  | 2,184,780 | 83.66               | 61,719,150 | 245,656,740   | 1,422,113,275       |                                |                                 |  |
| 1919   | 5,500                             | 165,833,130 | 30,151              | 307,613  | 12,722,800      | 41.36               | 26,916  | 2,221,400 | 82.53               | 50,999,800 | 231,777,180   | 1,495,213,659       |                                |                                 |  |
| 1920   | 5,406                             | 161,677,790 | 29,907              | 320,351  | 12,976,670      | 24.91               | 25,456  | 2,390,850 | 93.52               | 50,408,880 | 227,454,190   | 1,590,267,666       |                                |                                 |  |
| 1921   | 5,327                             | 160,314,680 | 30,094              | 321,374  | 13,214,700      | 41.12               | 26,020  | 2,431,240 | 93.44               | 50,458,340 | 226,418,960   | 1,578,256,499       |                                |                                 |  |
| 1922   | 5,164                             | 160,487,820 | 31,078              | 333,567  | 13,332,880      | 39.97               | 26,809  | 2,386,820 | 89.03               | 49,919,450 | 226,126,970   | 1,548,617,879       |                                |                                 |  |
| 1923   | 5,087                             | 160,693,700 | 31,589              | 371,700  | 13,544,500      | 36.44               | 27,724  | 2,484,100 | 89.60               | 51,244,150 | 227,966,480   | 1,543,589,603       |                                |                                 |  |
| 1924   | 5,459                             | 160,669,940 | 29,432              | 416,136  | 13,879,710      | 33.35               | 26,971  | 2,505,740 | 92.91               | 50,714,760 | 227,770,150   | 1,540,500,479       |                                |                                 |  |
| 1925   | 5,045                             | 160,404,460 | 32,516              | 421,731  | 13,945,600      | 33.07               | 28,113  | 2,479,000 | 88.18               | 50,558,380 | 227,387,440   | 1,540,732,487       |                                |                                 |  |
| 1926   | 5,086                             | 158,898,470 | 31,552              | 469,564  | 14,146,180      | 30.12               | 28,283  | 2,634,790 | 93.16               | 50,259,340 | 225,939,280   | 1,546,830,016       |                                |                                 |  |
| 1927   | 4,826                             | 164,118,640 | 34,007              | 493,100  | 14,313,420      | 29.93               | 28,306  | 2,669,170 | 94.30               | 51,715,260 | 232,816,490   | 1,565,290,666       |                                |                                 |  |
| 1928   | 4,995                             | 161,387,910 | 32,309              | 490,555  | 14,499,340      | 29.56               | 27,852  | 2,639,990 | 94.79               | 54,499,920 | 233,027,700   | 1,577,560,380       |                                |                                 |  |
| 1929   | 4,992                             | 165,567,770 | 33,168              | 447,853  | 15,676,400      | 35.00               | 27,931  | 2,658,390 | 95.18               | 56,949,040 | 240,851,600   | 1,586,919,769       |                                |                                 |  |
| 1930   | 4,961                             | 172,658,060 | 34,803              | 478,850  | 16,686,810      | 34.85               | 27,394  | 2,678,680 | 97.78               | 61,061,430 | 253,084,980   | 1,586,462,903       |                                |                                 |  |
| 1931   | 4,973                             | 170,411,240 | 34,267              | 504,175  | 17,279,370      | 34.27               | 29,217  | 2,559,990 | 87.60               | 61,060,105 | 251,310,145   | 1,438,448,065       |                                |                                 |  |
| 1932   | 4,970                             | 141,059,820 | 28,384              | 507,751  | 15,172,370      | 29.88               | 29,304  | 1,943,210 | 66.31               | 55,024,540 | 1,943,209,940 | 1,280,563,890       |                                |                                 |  |
| 1933   | 4,956                             | 130,518,610 | 26,385              | 520,913  | 14,290,320      | 27.43               | 29,657  | 1,712,240 | 57.73               | 52,620,275 | 199,041,445   | 1,099,603,890       |                                |                                 |  |
| 1934   | 4,981                             | 129,235,470 | 25,946              | 519,309  | 14,599,710      | 28.16               | 29,627  | 1,694,620 | 53.82               | 52,923,745 | 198,353,545   | 1,099,332,563       |                                |                                 |  |
| 1935   | 4,909                             | 123,644,280 | 25,187              | 521,885  | 15,230,830      | 29.18               | 29,590  | 1,621,080 | 54.78               | 53,364,855 | 198,860,545   | 1,088,350,535       |                                |                                 |  |
| 1936   | 4,846                             | 123,374,250 | 25,459              | 527,808  | 15,837,300      | 30.01               | 29,580  | 1,684,110 | 56.93               | 54,435,415 | 196,331,055   | 1,103,563,605       |                                |                                 |  |
| 1937   | 4,875                             | 146,835,840 | 30,120              | 533,094  | 19,525,940      | 36.63               | 29,490  | 2,083,920 | 70.67               | 61,191,713 | 229,639,517   | 1,110,851,795       |                                |                                 |  |
| 1938   | 4,782                             | 140,905,370 | 29,466              | 554,926  | 19,325,940      | 34.95               | 29,750  | 1,492,540 | 50.16               | 62,846,244 | 224,638,144   | 1,102,040,724       |                                |                                 |  |
| 1939   | 4,572                             | 142,197,927 | 31,101              | 559,873  | 19,940,380      | 35.62               | 29,583  | 1,393,160 | 47.16               | 57,978,025 | 221,909,492   | 1,114,278,216       |                                |                                 |  |
| 1940   | 4,516                             | 118,167,000 | 26,166              | 562,877  | 20,301,720      | 36.07               | 29,525  | 1,393,160 | 47.19               | 58,634,000 | 198,496,880   | 1,112,976,403       |                                |                                 |  |
| 1941   | 4,507                             | 115,187,420 | 25,557              | 573,546  | 20,596,310      | 35.91               | 30,227  | 1,253,840 | 41.48               | 60,259,985 | 197,112,985   | 1,127,180,803       |                                |                                 |  |
| <p>% of Increase or Decrease<br/>1913-1941 -----</p> |                                   |             |                     |          |                 |                     |         |           |                     |            |               |                     |                                |                                 |  |
|  | -20.80                            | -34.09      | -17.31              | +131.94  | +89.96          | -18.11              | +6.99   | -16.80    | -22.23              | -17.58     |               |                     |                                | -24.26                          | +0.64  |

## TAXATION: GROSS ASSESSED VALUE BY CLASSES, FOR ALL PROPERTY, AS RETURNED BY COUNTY ASSESSORS, BY YEARS AND PER CENT INCREASE, 1914-1941

(Source: State Tax Commission)

| Year                      | Land and Improvements | Mineral Land and Improvements | Town Lots and Improvements | Livestock, Poultry, and Bees | Bicycles, Motorcycles, Automobiles, Planes | Bank Deposits, Money Credits, Notes | Agr. Imp. Tractors, Harness | Amount Invested in Mchse. | Capital in Manufacturing | All Other Property | *Total Gross Assessment by Assessors |
|---------------------------|-----------------------|-------------------------------|----------------------------|------------------------------|--|-------------------------------------|-----------------------------|---------------------------|--------------------------|--------------------|--------------------------------------|
| 1914                      | \$303,996,897         | \$63,156,988                  | \$375,287,261              | \$61,455,511                 | \$5,855,126                                | \$55,058,797                        | \$6,690,377                 | \$39,336,101              | \$8,705,690              | \$35,594,488       | \$955,088,199                        |
| 1915                      | 318,098,562           | 57,413,617                    | 374,735,280                | 72,699,588                   | 7,978,368                                  | 54,297,701                          | 7,493,882                   | 40,666,915                | 12,048,092               | 35,133,122         | 980,505,127                          |
| 1916                      | 318,389,925           | 62,395,713                    | 378,970,604                | 81,631,676                   | 11,402,454                                 | 56,301,726                          | 7,561,526                   | 41,625,609                | 20,794,553               | 36,481,183         | 1,015,554,939                        |
| 1917                      | 358,374,259           | 63,791,921                    | 379,415,144                | 93,174,264                   | 17,549,242                                 | 69,926,604                          | 9,872,963                   | 55,139,990                | 25,214,748               | 40,549,991         | 1,113,009,086                        |
| 1918                      | 410,003,061           | 63,090,428                    | 381,243,444                | 114,622,555                  | 26,831,349                                 | 85,330,242                          | 9,872,712                   | 79,846,131                | 29,341,520               | 44,786,437         | 1,244,967,879                        |
| 1919                      | 469,918,193           | 59,931,971                    | 385,779,834                | 114,571,936                  | 32,291,605                                 | 91,992,467                          | 12,189,286                  | 92,371,171                | 31,936,695               | 46,326,694         | 1,337,219,752                        |
| 1920                      | 529,811,177           | 57,529,745                    | 407,973,988                | 102,792,639                  | 46,479,662                                 | 96,933,777                          | 14,379,817                  | 92,129,113                | 39,428,674               | 51,716,126         | 1,439,174,618                        |
| 1921                      | 543,939,445           | 56,325,042                    | 418,796,292                | 68,921,432                   | 51,112,260                                 | 91,076,850                          | 14,077,186                  | 87,361,814                | 41,087,125               | 53,208,519         | 1,425,855,965                        |
| 1922                      | 533,733,995           | 54,168,222                    | 429,160,986                | 62,821,752                   | 43,887,596                                 | 48,556,337                          | 12,402,950                  | 79,842,423                | 38,705,447               | 54,005,943         | 1,387,285,251                        |
| 1923                      | 522,928,735           | 55,866,347                    | 446,281,329                | 55,741,929                   | 41,108,338                                 | 48,229,245                          | 10,570,140                  | 79,756,623                | 37,350,254               | 53,511,565         | 1,351,344,495                        |
| 1924                      | 506,799,879           | 54,537,042                    | 462,432,766                | 48,859,346                   | 43,361,435                                 | 45,585,642                          | 9,880,861                   | 80,238,703                | 39,702,880               | 53,989,923         | 1,345,388,477                        |
| 1925                      | 493,003,251           | 55,131,488                    | 478,594,338                | 47,022,156                   | 47,330,833                                 | 42,743,510                          | 9,985,955                   | 81,055,785                | 38,336,462               | 53,901,967         | 1,347,105,746                        |
| 1926                      | 488,682,668           | 53,925,764                    | 503,718,773                | 46,406,718                   | 46,035,357                                 | 39,030,829                          | 10,190,859                  | 76,264,162                | 36,716,344               | 53,133,408         | 1,354,104,882                        |
| 1927                      | 485,591,227           | 52,924,960                    | 513,553,845                | 49,337,956                   | 48,085,926                                 | 37,364,393                          | 10,198,982                  | 76,648,132                | 37,919,838               | 54,559,363         | 1,366,784,622                        |
| 1928                      | 474,136,857           | 51,422,445                    | 526,006,389                | 57,129,404                   | 47,576,260                                 | 40,284,133                          | 10,467,523                  | 77,131,541                | 37,390,163               | 57,411,093         | 1,378,955,754                        |
| 1929                      | 468,884,680           | 47,797,732                    | 529,374,806                | 62,350,561                   | 53,685,246                                 | 76,672,204                          | 10,646,398                  | 73,714,596                | 12,464,438               | 83,863,111         | 1,419,453,772                        |
| 1930                      | 458,116,090           | 46,572,812                    | 532,111,032                | 58,425,846                   | 50,642,770                                 | 96,743,125                          | 11,341,646                  | 74,751,961                | 13,498,823               | 84,401,912         | 1,426,608,020                        |
| 1931                      | 372,226,205           | 42,913,655                    | 502,319,294                | 48,628,808                   | 45,353,804                                 | 94,359,199                          | 11,360,400                  | 66,090,039                | 10,752,855               | 86,431,810         | 1,280,486,069                        |
| 1932                      | 347,080,890           | 37,523,819                    | 468,398,546                | 32,374,837                   | 36,162,595                                 | 81,743,561                          | 8,946,896                   | 55,900,831                | 7,788,740                | 78,917,092         | 1,154,839,747                        |
| 1933                      | 293,266,328           | 30,941,659                    | 390,548,670                | 27,490,527                   | 27,123,115                                 | 75,432,969                          | 7,868,555                   | 51,393,675                | -----                    | 76,401,563         | 980,487,461                          |
| 1934                      | 292,662,474           | 29,501,112                    | 390,840,849                | 32,068,547                   | 30,173,627                                 | 70,516,034                          | 7,568,065                   | 50,472,765                | -----                    | 75,712,065         | 979,505,428                          |
| 1935                      | 279,462,450           | 29,419,571                    | 391,772,971                | 30,511,666                   | 37,374,228                                 | 72,965,367                          | 7,094,766                   | 50,953,327                | -----                    | 75,584,015         | 975,138,361                          |
| 1936                      | 278,291,737           | 29,596,668                    | 394,491,098                | 32,423,085                   | 42,769,878                                 | 86,668,011                          | 7,462,644                   | 52,390,229                | -----                    | 78,873,951         | 962,907,521                          |
| 1937                      | 276,556,310           | 31,742,374                    | 405,713,003                | 34,895,380                   | 23,665,216                                 | 40,622,204                          | 6,041,669                   | 57,433,881                | -----                    | 64,557,492         | 941,227,529                          |
| 1938                      | 275,145,427           | 34,486,189                    | 408,374,708                | 30,849,668                   | 150,978                                    | -----                               | 9,919,460                   | 60,474,244                | -----                    | 91,584,715         | 910,985,389                          |
| 1939                      | 264,990,588           | 48,806,501                    | 414,478,265                | 32,186,291                   | 292,172                                    | -----                               | 10,399,134                  | 59,386,057                | -----                    | 96,766,170         | 927,305,146                          |
| 1940                      | 260,162,188           | 45,390,717                    | 425,151,575                | 33,273,254                   | 310,580                                    | -----                               | 11,097,176                  | 63,215,854                | -----                    | 111,436,032        | 950,037,876                          |
| 1941                      | 258,471,917           | 44,443,661                    | 432,829,106                | 38,444,074                   | 376,814                                    | -----                               | 12,325,290                  | 65,884,344                | -----                    | 118,726,822        | 966,502,028                          |
| % of Increase or Decrease | -----                 | -----                         | -----                      | -----                        | -----                                      | -----                               | -----                       | -----                     | -----                    | -----              | -----                                |
| 1914-1941                 | -14.98                | -29.63                        | +15.35                     | -37.44                       | -93.56                                     | -----                               | +86.48                      | +67.49                    | -----                    | +219.51            | +1.20                                |

Note—Due to changes in the laws, motor vehicles were not assessed in 1937 and subsequent years, and assessment of intangibles was discontinued in 1938.  
\*Before deducting exemptions for heads of families.

**TAXATION: AVERAGE ASSESSED VALUE PER ACRE OF GRAZING LAND, BY COUNTIES, AS RETURNED BY COUNTY ASSESSORS, FOR SPECIFIED YEARS**

(Source: State Tax Commission)

| County      | 1941    | 1940    | 1939    | 1938    | 1937    | 1936    | 1935    | 1934    | 1933    |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Adams       | \$ 3.90 | \$ 3.93 | \$ 3.92 | \$ 3.14 | \$ 3.72 | \$ 3.78 | \$ 3.70 | \$ 3.83 | \$ 4.63 |
| Alamosa     | 1.50    | 1.50    | 1.40    | 1.40    | 1.40    | 1.51    | 1.49    | 1.66    | 1.87    |
| Arapahoe    | 2.89    | 2.89    | 3.10    | 3.37    | 3.37    | 3.37    | 3.37    | 3.47    | 3.48    |
| Archuleta   | 2.50    | 2.54    | 2.43    | 1.87    | 1.94    | 1.90    | 1.94    | 1.94    | 1.94    |
| Baca        | 1.84    | 1.85    | 1.86    | 1.85    | 1.80    | 1.83    | 1.79    | 2.42    | 2.44    |
| Bent        | 1.79    | 1.71    | 1.72    | 1.72    | 1.72    | 1.73    | 1.74    | 1.77    | 1.75    |
| Boulder     | 3.54    | 3.56    | 3.56    | 3.56    | 3.50    | 3.51    | 3.55    | 3.63    | 3.72    |
| Chaffee     | 2.86    | 2.89    | 3.27    | 3.01    | 3.90    | 2.85    | 2.91    | 2.34    | 2.82    |
| Cheyenne    | 2.19    | 2.18    | 2.18    | 2.89    | 2.90    | 2.90    | 2.90    | 2.93    | 2.92    |
| Clear Creek | 5.30    | 6.70    | 5.95    | 5.10    | 5.40    | 6.36    | 5.85    | 5.28    | 5.05    |
| Conejos     | 1.66    | 1.45    | 1.45    | 1.44    | 1.45    | 1.45    | 1.46    | 1.46    | 1.35    |
| Costilla    | 1.24    | 1.16    | 1.36    | 1.54    | 2.04    | 1.57    | 1.56    | 0.66    | 0.67    |
| Crowley     | 2.17    | 2.17    | 2.18    | 2.24    | 2.24    | 2.22    | 2.22    | 2.24    | 2.24    |
| Custer      | 1.89    | 1.88    | 1.94    | 1.86    | 2.10    | 2.11    | 2.13    | 2.13    | 2.13    |
| Delta       | 1.98    | 1.92    | 1.79    | 1.80    | 1.71    | 2.83    | 2.98    | 3.01    | 3.26    |
| Denver      | ..      | ..      | ..      | ..      | ..      | ..      | ..      | ..      | ..      |
| Dolores     | 3.23    | 3.40    | 2.96    | 2.88    | 2.72    | 2.74    | 2.54    | 2.13    | 2.08    |
| Douglas     | 2.96    | 2.97    | 2.97    | 2.98    | 2.98    | 2.98    | 3.04    | 3.04    | 2.99    |
| Eagle       | 2.69    | 2.69    | 2.77    | 2.79    | 2.78    | 2.88    | 2.75    | 2.75    | 2.08    |
| Elbert      | 2.88    | 2.89    | 2.90    | 2.91    | 2.91    | 2.91    | 2.92    | 2.91    | 2.93    |
| El Paso     | 2.28    | 2.27    | 2.38    | 2.38    | 2.20    | 2.25    | 2.23    | 2.45    | 2.45    |
| Fremont     | 2.44    | 2.26    | 2.17    | 2.15    | 2.19    | 2.04    | 2.05    | 2.22    | 2.09    |
| Garfield    | 2.30    | 2.30    | 2.29    | 2.28    | 2.26    | 1.85    | 1.83    | 1.83    | 1.87    |
| Gilpin      | 3.25    | 3.32    | 3.24    | 3.12    | 3.06    | 3.10    | 3.05    | 3.11    | 2.75    |
| Grand       | 2.01    | 2.01    | 2.00    | 2.00    | 2.00    | 1.94    | 1.91    | 1.92    | 1.93    |
| Gunnison    | 2.27    | 2.28    | 2.26    | 2.28    | 2.28    | 2.34    | 2.24    | 2.06    | 2.09    |
| Hinsdale    | 2.00    | 2.00    | 1.93    | 2.00    | 2.00    | 2.00    | 2.00    | 1.88    | 1.80    |
| Huerfano    | 1.83    | 1.95    | 2.00    | 2.00    | 2.00    | 2.03    | 2.00    | 2.00    | 1.85    |
| Jackson     | 3.00    | ..      | 2.85    | 3.00    | 3.00    | 3.00    | 3.00    | 1.46    | 1.40    |
| Jefferson   | 4.70    | 4.49    | 4.51    | 4.43    | 4.59    | 4.54    | 3.60    | 2.60    | 3.54    |
| Kiowa       | 2.82    | 3.23    | 3.55    | 3.57    | 2.20    | 2.21    | 2.18    | 2.82    | 2.82    |
| Kit Carson  | 2.52    | 2.50    | 2.48    | 2.50    | 2.50    | 2.49    | 2.51    | 2.54    | 2.11    |
| Lake        | 2.43    | 2.47    | 2.42    | 1.95    | 2.46    | 2.90    | 2.90    | 3.08    | 3.24    |
| La Plata    | 1.92    | 2.00    | 1.96    | 2.14    | 2.11    | 2.08    | 2.20    | 2.16    | 2.33    |
| Larimer     | 1.86    | 1.91    | 1.94    | 2.18    | 2.19    | 2.20    | 2.22    | 2.23    | 2.28    |
| Las Animas  | 1.81    | 1.89    | 1.88    | 2.07    | 2.07    | 2.08    | 2.08    | 2.19    | 2.04    |
| Lincoln     | 2.24    | 2.27    | 2.27    | 2.27    | 2.27    | 2.27    | 2.27    | 2.27    | 2.26    |
| Logan       | 1.64    | 1.60    | 1.75    | 1.74    | 1.74    | 1.67    | 1.76    | 2.00    | 2.07    |
| Mesa        | 2.42    | 2.39    | 2.52    | 2.53    | 2.35    | 2.49    | 2.53    | 2.54    | 2.51    |
| Mineral     | 3.27    | 3.32    | 3.34    | 3.37    | 3.39    | 3.44    | 3.54    | 3.57    | 3.57    |
| Moffat      | 1.66    | 1.65    | 1.65    | 1.65    | 1.63    | 1.62    | 1.74    | 1.71    | 1.63    |
| Montezuma   | 3.39    | 3.45    | 3.55    | 3.65    | 2.21    | 2.06    | 2.17    | 2.25    | 2.18    |
| Montrose    | 2.03    | 1.98    | 2.13    | 2.12    | 2.13    | 2.11    | 2.16    | 2.16    | 2.16    |
| Morgan      | 2.26    | 2.27    | 2.27    | 2.30    | 2.29    | 2.29    | 2.30    | 2.31    | 2.29    |
| Otero       | 1.87    | 1.89    | 1.89    | 1.30    | 1.90    | 1.87    | 1.87    | 1.88    | 1.89    |
| Duray       | 2.24    | 2.25    | 2.25    | 2.27    | 2.31    | 2.26    | 2.25    | 2.25    | 2.25    |
| Park        | 1.62    | 1.70    | 1.70    | 1.67    | 1.67    | 1.68    | 1.68    | 1.62    | 1.61    |
| Phillips    | 2.05    | 2.05    | 2.05    | 2.05    | 2.04    | 2.05    | 1.89    | 1.84    | 1.82    |
| Pitkin      | 2.53    | 2.50    | 2.50    | 2.50    | 2.50    | 2.51    | 2.32    | 2.33    | 2.32    |
| Prowers     | 2.59    | 2.67    | 2.61    | 2.64    | 2.65    | 2.66    | 2.63    | 2.65    | 2.63    |
| Pueblo      | 1.50    | 1.50    | 1.50    | 1.50    | 1.50    | 1.51    | 1.52    | 1.61    | 1.98    |
| Ro Blanco   | 2.22    | 2.22    | 2.22    | 2.21    | 2.21    | 2.20    | 2.21    | 2.30    | 2.04    |
| Ro Grande   | 2.00    | 2.00    | 2.00    | 2.00    | 2.00    | 2.00    | 2.00    | 2.02    | 2.03    |
| Routt       | 2.21    | 2.21    | 2.25    | 2.24    | 2.22    | 2.22    | 2.56    | 2.76    | 2.85    |
| Saguache    | .94     | 1.04    | 1.42    | 1.50    | 1.50    | 1.10    | 1.16    | 1.20    | 1.34    |
| San Juan    | 5.00    | 5.20    | 10.20   | 5.20    | 4.11    | 5.20    | 5.20    | 5.20    | 5.04    |
| San Miguel  | 2.37    | 2.38    | 2.41    | 2.38    | 2.40    | 2.40    | 2.38    | 2.40    | 2.40    |
| Sedgewick   | 2.31    | 2.32    | 2.34    | 2.40    | 2.34    | 2.35    | 2.44    | 2.57    | 2.62    |
| Summit      | 2.17    | 2.20    | 2.10    | 2.10    | 2.10    | 2.10    | 2.00    | 2.70    | 2.53    |
| Teller      | 1.86    | 2.09    | 1.89    | 1.87    | 1.89    | 1.85    | 1.98    | 1.95    | 1.99    |
| Washington  | 2.52    | 2.57    | 2.61    | 2.33    | 2.31    | 2.25    | 2.41    | 2.56    | 2.54    |
| Weld        | 2.01    | 1.95    | 3.16    | 2.01    | 2.01    | 1.98    | 2.03    | 1.91    | 1.95    |
| Windsor     | 1.60    | 1.60    | 1.60    | 1.60    | 1.60    | 1.60    | 1.61    | 1.63    | 1.64    |
| State       | \$ 2.13 | \$ 2.16 | \$ 2.24 | \$ 2.28 | \$ 2.16 | \$ 2.14 | \$ 2.14 | \$ 2.16 | \$ 2.16 |

**TAXATION: AVERAGE ASSESSED VALUE PER ACRE OF DRY FARMING LAND, BY COUNTIES, AS RETURNED BY COUNTY ASSESSORS, FOR SPECIFIED YEARS**

(Source: State Tax Commission)

| COUNTY      | 1941    | 1940    | 1939    | 1938    | 1937    | 1936    | 1935    | 1934    | 1933    |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Adams       | \$ 7.43 | \$ 7.18 | \$ 7.07 | \$ 6.87 | \$ 7.17 | \$ 7.05 | \$ 7.14 | \$ 7.18 | \$ 7.20 |
| Alamosa     | 8.00    | 8.00    | 7.00    | 7.00    | 7.00    | 7.00    | 7.00    | 7.00    | 7.00    |
| Arapahoe    | 6.20    | 6.25    | 6.52    | 6.44    | 6.36    | 6.51    | 6.51    | 6.51    | 6.48    |
| Archuleta   | 8.02    | 8.03    | 7.55    | 7.57    | 7.45    | 7.98    | 7.27    | 7.27    | 7.52    |
| Baca        | 3.38    | 3.38    | 3.39    | 3.38    | 3.38    | 3.37    | 3.39    | 4.50    | 4.50    |
| Bent        | 3.69    | 3.68    | 3.72    | ...     | 3.76    | 3.75    | 3.75    | 3.56    | 4.03    |
| Boulder     | 17.01   | 17.06   | 17.12   | 17.34   | 17.32   | 17.35   | 17.27   | 17.23   | 17.16   |
| Chaffee     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Cheyenne    | 3.76    | 3.79    | 3.79    | 3.80    | 3.79    | 3.78    | 3.78    | 5.07    | 5.06    |
| Clear Creek | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Conejos     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Costilla    | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Crowley     | 4.17    | 4.08    | 4.25    | 4.26    | 4.25    | 4.44    | 4.41    | 4.36    | 4.62    |
| Custer      | 9.80    | 9.84    | 9.56    | 9.80    | 9.91    | 9.67    | 9.88    | 10.35   | 10.53   |
| Delta       | ...     | ...     | ...     | ...     | 10.76   | 10.42   | 10.20   | 10.86   | 10.66   |
| Denver      | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Dolores     | 8.67    | 9.70    | 3.69    | 8.33    | 6.00    | 6.00    | 5.50    | 5.40    | 5.40    |
| Douglas     | 7.84    | 7.82    | 7.83    | 7.84    | 7.84    | 7.88    | 7.01    | 9.34    | 9.37    |
| Eagle       | 20.00   | 20.13   | 20.22   | 19.99   | 22.50   | 21.01   | 21.42   | 21.55   | 21.83   |
| Elbert      | 7.78    | 7.67    | 7.62    | 7.56    | 7.56    | 7.56    | 7.54    | 7.55    | 7.57    |
| El Paso     | 6.22    | 6.21    | 6.22    | 6.36    | 6.50    | 6.64    | 6.64    | 7.22    | 7.22    |
| Fremont     | 6.29    | 6.39    | 5.01    | 5.09    | 9.25    | 5.22    | 5.23    | 5.86    | 5.61    |
| Garfield    | 8.34    | 7.02    | 7.74    | 7.90    | 7.56    | 10.97   | 11.03   | 11.33   | 10.38   |
| Gilpin      | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Grand       | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Gunnison    | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Hinsdale    | ...     | ...     | ...     | ...     | 10.00   | 10.00   | 10.00   | 10.00   | 9.00    |
| Huerfano    | 5.55    | 5.55    | 5.00    | 5.14    | 5.13    | 4.06    | 4.25    | 5.04    | 5.07    |
| Jackson     | ...     | ...     | ...     | ...     | 3.00    | 3.00    | 3.00    | 4.38    | 4.50    |
| Jefferson   | 18.29   | 18.24   | 17.88   | 20.12   | 22.39   | 20.20   | 13.97   | 13.36   | 12.82   |
| Kiowa       | 3.24    | 3.66    | 4.10    | 4.13    | 4.08    | 4.08    | 4.16    | 5.53    | 5.53    |
| Kit Carson  | 4.78    | 4.33    | 5.73    | 5.74    | 5.73    | 5.74    | 5.73    | 7.76    | 7.74    |
| Lake        | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| La Plata    | 10.32   | 10.37   | 10.42   | 10.61   | 10.32   | 10.00   | 10.44   | 10.22   | 11.08   |
| Larimer     | 12.21   | 12.28   | 12.11   | 6.58    | 6.55    | 6.46    | 6.50    | 8.70    | 8.95    |
| Las Animas  | 4.96    | 4.73    | 5.00    | 5.11    | 5.03    | 5.01    | 6.01    | 6.00    | 5.90    |
| Lincoln     | 3.61    | 3.64    | 3.64    | 3.63    | 3.63    | 3.64    | 3.62    | 4.84    | 4.86    |
| Logan       | 5.01    | 5.02    | 5.21    | 5.20    | 5.20    | 5.00    | 5.00    | 6.41    | 6.89    |
| Mesa        | ...     | ...     | ...     | ...     | 12.85   | 13.41   | 12.83   | 11.49   | 12.00   |
| Mineral     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Moffat      | 5.84    | 5.83    | 5.87    | 5.90    | 5.71    | 5.97    | 6.31    | 6.65    | 6.65    |
| Montezuma   | 14.62   | 14.66   | 14.93   | 14.99   | 7.51    | 9.31    | 9.31    | 9.04    | 9.58    |
| Montrose    | 5.54    | 9.03    | 9.00    | 6.00    | 9.54    | 9.54    | 10.00   | 10.31   | 10.64   |
| Morgan      | 4.87    | 4.88    | 4.90    | 4.72    | 4.66    | 4.68    | 4.74    | 5.69    | 5.68    |
| Otero       | 9.55    | 7.32    | 7.79    | 7.46    | 6.59    | 6.40    | 6.64    | 6.69    | 5.96    |
| Ouray       | 7.08    | 7.07    | 6.98    | 6.98    | 7.39    | 7.27    | 6.91    | 7.00    | 7.65    |
| Park        | 10.00   | 10.00   | 10.73   | 10.80   | 10.83   | 10.84   | 10.84   | 10.88   | 10.89   |
| Phillips    | 8.72    | 8.71    | 8.71    | 8.71    | 8.71    | 8.68    | 8.70    | 11.53   | 11.54   |
| Pitkin      | 14.19   | 14.26   | 14.07   | 13.69   | 13.51   | 7.35    | 8.56    | 8.55    | 8.81    |
| Prowers     | 4.07    | 4.24    | 3.99    | 3.88    | 3.76    | 3.78    | 3.76    | 3.81    | 3.71    |
| Pueblo      | 9.45    | 9.08    | 8.02    | 8.73    | 11.15   | 11.30   | 12.30   | 10.16   | 12.15   |
| Rio Blanco  | 8.17    | 8.04    | 8.02    | 8.02    | 8.28    | 7.84    | 8.39    | 9.91    | 9.26    |
| Rio Grande  | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Routt       | 9.28    | 9.36    | 9.27    | 9.42    | 8.92    | 9.31    | 9.31    | 9.30    | 9.70    |
| Saguache    | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| San Juan    | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| San Miguel  | 10.00   | 10.22   | 10.52   | 10.80   | 11.22   | 11.60   | 11.64   | 11.66   | 11.78   |
| Sedgwick    | 8.72    | 8.72    | 8.77    | 8.80    | 8.79    | 8.85    | 8.86    | 11.50   | 11.82   |
| Summit      | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| Teller      | 8.26    | 6.54    | 8.11    | 8.18    | 8.10    | 8.01    | 8.14    | 8.25    | 7.81    |
| Washington  | 4.10    | 4.24    | 4.38    | 4.04    | 4.03    | 3.89    | 3.91    | 5.11    | 5.10    |
| Weld        | 5.38    | 5.32    | 5.30    | 4.56    | 4.56    | 5.30    | 5.22    | 6.71    | 6.90    |
| Yuma        | 6.43    | 6.43    | 6.43    | 6.42    | 6.39    | 6.38    | 6.38    | 8.28    | 8.27    |
| State       | \$ 5.43 | \$ 5.40 | \$ 5.53 | \$ 5.40 | \$ 5.29 | \$ 5.32 | \$ 5.34 | \$ 6.56 | \$ 6.61 |

**TAXATION: AVERAGE ASSESSED VALUE PER ACRE OF CLASS A IRRIGATED LAND, BY COUNTIES, AS RETURNED BY COUNTY ASSESSORS, FOR SPECIFIED YEARS**  
(Source: State Tax Commission)

| COUNTY      | 1941    | 1940    | 1939    | 1938    | 1937    | 1936    | 1935    | 1934    | 1933    |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Adams       | \$71.15 | \$71.92 | \$71.14 | \$57.95 | \$56.93 | \$57.69 | \$58.43 | \$59.66 | \$53.71 |
| Alamosa     | .....   | .....   | 23.00   | 25.00   | 25.00   | 25.00   | 25.00   | 25.00   | 25.00   |
| Arapahoe    | 78.53   | 80.44   | 67.73   | 67.72   | 67.74   | 67.74   | 67.73   | 67.67   | 66.96   |
| Archuleta   | .....   | .....   | 30.00   | 28.44   | 27.83   | 27.61   | 27.63   | 27.48   | 27.45   |
| Baca        | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Bent        | 56.16   | 58.24   | 44.05   | 43.15   | 42.86   | 42.55   | 41.66   | 40.69   | 39.52   |
| Boulder     | 69.18   | 69.13   | 58.54   | 58.49   | 58.61   | 58.63   | 58.52   | 58.41   | 58.46   |
| Chaffee     | .....   | .....   | 34.36   | 34.44   | 34.27   | 32.05   | 32.79   | 30.46   | 35.12   |
| Cheyenne    | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Clear Creek | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Conejos     | .....   | .....   | 32.15   | 32.43   | 32.31   | 32.20   | 32.20   | 32.19   | 32.19   |
| Costilla    | .....   | .....   | 17.63   | 14.87   | 14.59   | 14.39   | 15.05   | 14.35   | 14.46   |
| Crowley     | .....   | .....   | 36.10   | 35.78   | 36.08   | 35.51   | 35.85   | 35.95   | 36.13   |
| Custer      | .....   | .....   | 26.45   | 26.54   | 27.20   | 27.46   | 26.55   | 26.52   | 26.47   |
| Delta       | 63.43   | 62.88   | 42.41   | 40.46   | 42.32   | 34.60   | 45.44   | 45.72   | 45.08   |
| Denver      | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Dolores     | .....   | .....   | 10.00   | 10.00   | 10.00   | 8.14    | 7.35    | 7.50    | 7.64    |
| Douglas     | 52.53   | 52.58   | 50.86   | 50.10   | 50.39   | 50.77   | 56.83   | 53.61   | 53.29   |
| Eagle       | 65.24   | .....   | 46.40   | 46.57   | 41.82   | 46.00   | 45.62   | 52.92   | 46.23   |
| Elbert      | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| El Paso     | 71.30   | 71.39   | 48.29   | 48.29   | 48.34   | 48.45   | 48.46   | 52.67   | 52.67   |
| Fremont     | 56.18   | 53.06   | 62.90   | 53.60   | 53.87   | 57.00   | 57.97   | 58.23   | 52.44   |
| Garfield    | 58.08   | 58.23   | 40.51   | 40.40   | 40.12   | 43.92   | 43.17   | 44.04   | 45.19   |
| Gilpin      | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Grand       | .....   | .....   | .....   | .....   | 21.94   | 21.58   | 22.17   | 22.73   | 24.89   |
| Gunnison    | .....   | .....   | 30.05   | 30.05   | 30.34   | 30.86   | 30.38   | 30.73   | 26.32   |
| Hinsdale    | .....   | .....   | 20.00   | 20.00   | 20.00   | 20.00   | 20.00   | 20.00   | 18.00   |
| Huerfano    | 50.00   | .....   | 31.74   | 32.00   | 32.00   | 29.31   | 29.46   | 29.67   | 28.86   |
| Jackson     | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Jefferson   | 87.65   | 85.86   | 71.90   | 68.51   | 68.56   | 65.20   | 61.64   | 59.15   | 57.49   |
| Kiowa       | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Kit Carson  | .....   | .....   | 22.95   | 22.95   | 22.95   | 22.95   | 23.00   | 23.00   | 24.31   |
| Lake        | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| La Plata    | 56.22   | 55.22   | 29.71   | 29.87   | 28.79   | 29.41   | 28.51   | 31.80   | 31.93   |
| Larimer     | 68.35   | 69.22   | 55.61   | 55.49   | 55.47   | 55.44   | 55.60   | 55.90   | 56.10   |
| Las Animas  | 54.74   | 57.60   | 35.35   | 36.69   | 39.30   | 36.20   | 37.27   | 36.88   | 34.56   |
| Lincoln     | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Logan       | 54.14   | 54.00   | 42.31   | 42.29   | 41.25   | 41.00   | 41.00   | 41.00   | 41.40   |
| Mesa        | 67.05   | 66.14   | 44.32   | 45.05   | 44.43   | 46.00   | 46.47   | 46.22   | 46.98   |
| Mineral     | .....   | .....   | 13.27   | 12.72   | 12.76   | 12.29   | 11.00   | 10.24   | 10.17   |
| Moffat      | .....   | .....   | 26.71   | 25.41   | 25.32   | 25.24   | 25.30   | 26.63   | 25.55   |
| Montezuma   | .....   | .....   | 33.80   | 33.99   | 24.75   | 25.25   | 25.10   | 25.11   | 25.05   |
| Montrose    | 53.40   | 53.87   | 35.00   | 35.00   | 33.80   | 33.92   | 34.02   | 34.45   | 35.03   |
| Morgan      | 53.39   | 53.51   | 52.74   | 52.23   | 44.92   | 44.90   | 44.95   | 45.93   | 45.63   |
| Otero       | 73.74   | 54.51   | 55.06   | 54.62   | 55.33   | 54.58   | 54.96   | 54.85   | 62.64   |
| Ouray       | .....   | .....   | 31.43   | 31.47   | 31.44   | 31.37   | 30.04   | 31.10   | 31.61   |
| Park        | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Phillips    | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Pitkin      | 56.80   | 58.11   | 40.46   | 40.50   | 40.36   | 40.68   | 39.63   | 40.27   | 40.82   |
| Prowers     | 51.06   | 53.81   | 41.56   | 41.06   | 41.75   | 41.59   | 42.15   | 41.85   | 41.91   |
| Pueblo      | 91.02   | 92.96   | 62.03   | 62.70   | 59.93   | 62.21   | 61.15   | 69.35   | 68.85   |
| Rio Blanco  | .....   | .....   | 34.30   | 36.19   | 36.82   | 35.90   | 37.02   | 39.76   | 40.08   |
| Rio Grande  | 53.70   | 53.65   | 37.54   | 37.62   | 37.55   | 37.43   | 37.00   | 37.18   | 38.00   |
| Routt       | .....   | .....   | 28.40   | 28.40   | 28.27   | 28.64   | 28.10   | 28.84   | 29.24   |
| Saguache    | .....   | .....   | 27.00   | 27.00   | 27.00   | 27.00   | 27.00   | 27.00   | 27.00   |
| San Juan    | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| San Miguel  | .....   | .....   | 22.80   | 22.95   | 23.41   | 23.82   | 23.78   | 24.53   | 24.51   |
| Sedgwick    | 56.23   | 56.19   | 48.94   | 48.87   | 49.88   | 50.53   | 49.58   | 48.69   | 49.17   |
| Summit      | .....   | .....   | .....   | .....   | 25.42   | 25.42   | 25.00   | 25.70   | 25.42   |
| Teller      | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   | .....   |
| Washington  | 58.17   | 59.09   | 45.79   | 45.92   | 45.66   | 46.68   | 45.47   | 46.55   | 43.78   |
| Weld        | 61.07   | 59.40   | 53.48   | 46.73   | 46.99   | 47.69   | 47.48   | 47.93   | 49.13   |
| Yuma        | .....   | .....   | 23.94   | 23.93   | 23.94   | 23.93   | 24.02   | 21.48   | 21.54   |
| State       | \$65.40 | \$63.34 | \$44.63 | \$42.97 | \$42.11 | \$42.13 | \$42.39 | \$42.66 | \$42.50 |

## STATE INCOME TAX

A proposed amendment to Article X of the state constitution authorizing the legislature to levy income taxes was submitted by the general assembly to the voters on November 3, 1936, and was adopted by a vote of 167,268 to 159,143. The general assembly then enacted an income tax law effective July 1, 1937.

The law levies a tax on the individual incomes of all residents, and of non-residents if derived from sources within the state, based on net income, and from corporations and income from fiduciary sources. Returns must be filed by individuals with a gross income of \$5,000, or a net income of \$1,000 if single or not living with husband or wife, and \$2,500 if married and living with husband or wife.

A single person is allowed an exemption of \$1,000 and a married person or the head of a family, \$2,500. Exempt from the tax are labor, agricultural and horticultural organizations, mutual savings banks, fraternal societies, cemeteries not operated for profit, charitable and civic organizations, benevolent societies and farmers' associations.

The law provides for the computation of the amount of the tax very much along the same lines as that followed by the federal income tax. Individuals with a net income under \$2,000 pay 1 per cent. The rate increases 1 per cent for each additional \$2,000 up to 6 per cent on net incomes above \$10,000. There is a surtax of 2 per cent on income derived from dividends, royalties, interest, etc. Corporations pay 4 per cent on their entire net income and banks, trust companies, financing and loan associations 6 per cent.

The tax becomes due and payable on incomes for the preceding calendar or fiscal year on April 15 of each year, by which time the filing of returns must be completed. The tax may be paid in whole by that date or may be divided into four separate installments.

The law is administered and the tax collected by the state department of revenue. Of the proceeds from the tax, 5 per cent goes into an income tax refund fund and 3 per cent into an administrative fund. The remainder goes into a reserve for general county school funds, out of which allocations are made to counties on the basis of the number of children of school age in each county. The tax is a replacement of property tax to the amount of the income derived. This part of the statute was amended, approved March 31,

1939, temporarily changing the diversion of these funds until June 30, 1941, by requiring 35 per cent of the remainder of the income to go into the general county school fund and 65 per cent into the general state fund, under certain limitations. An amendment approved April 8, 1941, extended the temporary diversion until June 30, 1943. Thereafter unless again amended the law reverts to its former status.

The first collections under the new law were made in 1938 covering the six-months period beginning July 1, 1937. These were distributed as follows:

| Source                         | Number Returns | Amount      |
|--------------------------------|----------------|-------------|
| Individual:                    |                |             |
| Taxable .....                  | 38,436         | \$ 722,770  |
| Non-tax. ....                  | 13,371         | .....       |
| Corporation:                   |                |             |
| Taxable .....                  | 1,992          | 561,633     |
| Non-tax. ....                  | 4,188          | .....       |
| Fiduciary <sup>1</sup> .....   | 668            | .....       |
| Partnership <sup>1</sup> ..... | 2,457          | .....       |
| Total .....                    | 61,112         | \$1,284,403 |

<sup>1</sup>The law required that fiduciary returns be filed for 1937 for information only. Partnership returns also are for information only.

The number and amount of returns and distribution of same for calendar years subsequent to 1938 are shown in an accompanying table.

Total collections by calendar years are as follows:

| Year                | Amount         |
|---------------------|----------------|
| 1938 (6 Mos.) ..... | \$1,284,403.57 |
| 1939 .....          | 2,829,302.09   |
| 1940 .....          | 3,361,131.82   |
| 1941 .....          | 3,543,431.44   |

## MISCELLANEOUS REVENUES

Miscellaneous revenues collected by the state department of revenue in the fiscal year ending June 30, 1942, amounted to \$548,743 or 1.7 per cent of revenues from all sources. Of that total, \$357,710 represents receipts from 44 sources including taxes on businesses and occupations such as inspection and license fees, licenses and fees of 16 examining boards and taxes from collection agencies, ore buyers, detective bureaus, private employment agencies, etc. The remaining \$191,033 was collected from 11 sources including civil service commission fees, garnishee fees, motor vehicle penalty fees, state fair receipts and miscellaneous sources which in the aggregate amount to 0.6 per cent of revenues from all sources. The sources of major collections are shown in a table on page 290.

**TAXATION: NUMBER OF RETURNS AND AMOUNTS COLLECTED STATE INCOME TAX BY SOURCES AND BY CALENDAR YEARS**

(Source: State Department of Revenue)

Note—Income tax law became effective July 1, 1937 and returns in 1938 were for the six-month's period of 1937. Figures for that period are shown in the text.

| SOURCE                                       | 1941           |         | 1940           |         | 1939           |         |
|--|----------------|---------|----------------|---------|----------------|---------|
|  | Taxable        | Non-Tax | Taxable        | Non-Tax | Taxable        | Non-Tax |
| <b>Individual:</b>                           |                |         |                |         |                |         |
| Salaries, wages, etc. (104-A):               |                |         |                |         |                |         |
| Number of returns -----                      | 34,573         | 11,941  | 30,148         | 9,208   | 29,330         | 8,352   |
| Amount -----                                 | \$ 383,996.65  | -----   | \$ 338,883.87  | -----   | \$ 330,352.50  | -----   |
| Salaries, wages, business profession: (104): |                |         |                |         |                |         |
| Number of returns -----                      | 18,143         | 8,565   | 16,200         | 5,492   | 14,822         | 5,522   |
| Amount -----                                 | \$2,014,862.75 | -----   | \$1,752,358.59 | -----   | \$1,399,276.70 | -----   |
| <b>Total individual:</b>                     |                |         |                |         |                |         |
| Number of returns ----                       | 52,716         | 20,506  | 46,348         | 14,700  | 44,152         | 13,874  |
| Amount -----                                 | \$2,398,859.40 | -----   | \$2,091,242.46 | -----   | \$1,729,629.20 | -----   |
| <b>Corporation:</b>                          |                |         |                |         |                |         |
| Number of returns -----                      | 1,969          | 2,894   | 2,183          | 3,442   | 1,963          | 3,867   |
| Amount -----                                 | \$1,106,285.62 | -----   | \$1,224,767.89 | -----   | \$1,054,446.73 | -----   |
| <b>Fiduciary:</b>                            |                |         |                |         |                |         |
| Number of returns -----                      | 510            | 1,003   | 626            | 886     | 452            | 783     |
| Amount -----                                 | \$ 38,286.52   | -----   | \$ 45,121.47   | -----   | \$ 45,226.16   | -----   |
| <b>Partnership<sup>1</sup>:</b>              |                |         |                |         |                |         |
| Number of returns -----                      | -----          | 3,214   | -----          | 2,809   | -----          | 2,533   |
| <b>State total:</b>                          |                |         |                |         |                |         |
| Number of returns -----                      | 55,195         | 27,617  | 49,157         | 21,837  | 46,567         | 21,057  |
| Amount -----                                 | \$3,543,431.54 | -----   | \$3,361,131.82 | -----   | \$2,829,302.09 | -----   |

<sup>1</sup>Law requires partnership returns to be filed for information only.

**INTOXICATING LIQUORS**

The manufacture and sale of intoxicating liquors in Colorado are governed by an act of the state general assembly approved April 12, 1935, and effective as of that date. The law allows the sale of intoxicating liquors by the drink in hotels, clubs, and restaurants and of package goods by retail drug stores and liquor stores. It prohibits the sale of liquors to persons under 21 years of age, drunkards and intoxicated persons, and on election days, Sundays and Christmas during specified hours. It provides for the licensing of all dealers and their regulation, and allows local option for cities, towns and counties, and prescribes penalties for the violation of the provisions of the act. The manufacture and sale of beverages not exceeding 3.2 per cent alcoholic content is regulated under a separate law and the licenses have very few restrictions. Both acts are administered by the state licensing authority under the secretary of state. The revenues derived from the administration of the liquor laws, except a maximum of five

per cent for expenses, go into the state's old age pension fund.

The secretary of state, as the administrative officer, is given broad powers by the intoxicating liquors act, which authorizes him to make rules and regulations, subject to the approval of the advisory council, governing the operations of the authority and in the granting or refusal of licenses.

Federal operations involving alcoholic beverages and industrial alcohol are handled by the alcohol tax unit of the United States bureau of internal revenue which maintains a district office in Denver. The unit is charged with the administration of the federal laws relating to the manufacture, warehousing and distribution of spirituous liquors, wines, fermented liquors and industrial alcohol; the determination, assertion and assessment of taxes and penalties on liquors; the inquiry and investigation relative to the filing of returns for occupational and commodity taxes; the regulation of the manufacture and use of liquor bottles and the chemical analysis of liquors and numerous other

products to determine their taxable status. It administers the provisions of the federal alcohol administration act relating to the regulation of interstate and foreign commerce in distilled spirits, wines and malt beverages, and the labeling and advertising thereof. It also is charged with the investigation, detection and prevention of willful and fraudulent violations of internal revenue laws relating to liquors.

The act of the general assembly of Colorado permitting the manufacture of 3.2 per cent beer was approved April 11, 1935, and the act authorizing the manufacture and sale of intoxicating liquors in the state was approved April 12, 1935. The census of manufactures for 1937 shows that in that year the manufacture of beer in the state had almost reached its pre-prohibition proportions.

Taxes collected in the Colorado district by the bureau of internal revenue on distilled spirits, wines and cordials and malt liquors, by fiscal years ending June 30, are as follows:

| Year | Amount         |
|------|----------------|
| 1935 | \$1,762,141.35 |
| 1936 | 1,844,444.70   |
| 1937 | 1,888,308.08   |
| 1938 | 1,816,667.72   |
| 1939 | 1,676,504.71   |
| 1940 | 1,722,501.10   |
| 1941 | 2,221,441.42   |

All license fees and taxes collected in Colorado on account of the liquor industry, including those of the state

licensing authority for calendar years and the bureau of internal revenue for fiscal years, and excluding approximately \$400,000 a year collected by cities and counties, are as follows:

| Year | Amount         |
|------|----------------|
| 1935 | \$3,791,775.37 |
| 1936 | 4,361,833.32   |
| 1937 | 4,450,599.07   |
| 1938 | 4,213,583.40   |
| 1939 | 4,074,955.92   |
| 1940 | 4,165,464.04   |
| 1941 | 4,799,264.73   |

Tables published herewith include the following:

Receipts of the state licensing authority from license fees and excise tax, apportionment of receipts, and administrative costs, by calendar years, and distribution of receipts of the state licensing authority, by calendar years.

Sources of tax revenue by kind of liquor sold and place of consumption in 1941.

Consumption of malt, vinous and spirituous liquors in Colorado, by calendar years.

Summary of distilled spirits and malt liquor operations in Colorado by the alcohol tax unit of the bureau of internal revenue, by fiscal years.

Summary of malt liquors industry manufactures by census years.

Additional information on law enforcement is found in a chapter under "Courts, Prisoners and Crime" and on deaths from alcoholism under "Colorado Vital Statistics."

**INTOXICATING LIQUORS: SUMMARY OF RECEIPTS BY THE STATE  
LICENSING AUTHORITY FROM LICENSE FEES  
AND EXCISE TAXES BY CALENDAR YEARS**

(Source: State Licensing Authority)

| Year          | Miscellaneous Receipts | Receipts from License Fees | Receipts from Excise Tax | Total Receipts         |
|---------------|------------------------|----------------------------|--------------------------|------------------------|
| 1934          |                        | \$ 156,380.50              | \$ 813,284.74            | \$ 969,665.24          |
| 1935          | \$ 214.00              | 163,209.56                 | 1,866,210.46             | 2,029,634.02           |
| 1936          | 905.00                 | 220,075.00                 | 2,296,408.62             | 2,517,388.62           |
| 1937          | 1,045.49               | 190,300.00                 | 2,370,945.50             | 2,562,290.99           |
| 1938          | 722.03                 | 223,100.00                 | 2,173,093.65             | 2,396,915.68           |
| 1939          | 1,167.93               | 221,500.00                 | 2,175,783.28             | 2,398,451.21           |
| 1940          | 622.50                 | 209,450.00                 | 2,232,890.44             | 2,442,962.94           |
| 1941          | 779.94                 | 181,350.00                 | 2,395,693.37             | 2,577,823.31           |
| <b>Totals</b> | <b>\$ 5,456.89</b>     | <b>\$1,565,365.06</b>      | <b>\$16,324,310.06</b>   | <b>\$17,895,132.01</b> |

**INTOXICATING LIQUORS: RECEIPTS OF THE STATE LICENSING AUTHORITY FROM LICENSE FEES AND EXCISE TAX, APPORTIONMENTS OF RECEIPTS AND ADMINISTRATIVE COSTS, BY CALENDAR YEARS**

(Source: State Licensing Authority)

Note.—The license fees collected by the cities and counties are approximately \$400,000 per year. Of this amount, 15%, or \$60,000, is retained by the cities and counties for their general funds. The balance of 85%, or \$340,000, is remitted to the state for allocation to the old age pension fund.

|   | 1941                  | 1940                  | 1939                  | 1938                  |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>Receipts:</b>  |                       |                       |                       |                       |
| License Fees .....  | \$ 182,375.00         | \$ 209,450.00         | \$ 221,900.00         | \$ 223,100.00         |
| 3.2% Beer Tax .....   | 107,009.11            | 98,410.68             | 100,344.90            | 94,900.68             |
| Repeal Beer Tax .....   | 309,760.81            | 286,232.74            | 292,109.22            | 272,638.17            |
| Wine, 14% and under, Tax .....  | 14,180.43             | 14,537.22             | 15,441.03             | 18,750.21             |
| Wine, over 14%, Tax .....   | 218,778.00            | 212,798.70            | 200,252.28            | 214,667.13            |
| Spirits Tax .....   | 1,818,996.16          | 1,691,269.18          | 1,635,472.10          | 1,634,598.63          |
| Sale of Report Books .....  | 1621.00               | 1622.50               | 1652.00               | 1707.50               |
| Expense Travel Refund .....   | 1158.94               | .....                 | .....                 | .....                 |
| Sale of Automobile .....  | .....                 | .....                 | 1510.00               | .....                 |
| Miscellaneous .....   | .....                 | .....                 | 15.93                 | 114.53                |
| <b>Totals .....</b>   | <b>\$2,651,879.45</b> | <b>\$2,513,321.02</b> | <b>\$2,466,687.46</b> | <b>\$2,459,376.85</b> |
| <b>Less Refunds:</b>  |                       |                       |                       |                       |
| On Licenses.....  | \$ 1,025.00           | .....                 | \$ 400.00             | .....                 |
| 3.2% Beer Tax.....  | 33,081.52             | \$ 27,511.99          | 25,803.76             | \$ 24,631.38          |
| Repeal Beer Tax .....   | 39,911.22             | 42,799.29             | 39,868.09             | 37,609.00             |
| Spirits Tax .....   | 38.40                 | 46.80                 | 2,164.40              | 220.79                |
| <b>Totals .....</b>   | <b>\$ 74,056.14</b>   | <b>\$ 70,358.08</b>   | <b>\$ 68,236.25</b>   | <b>\$ 62,461.17</b>   |
| <b>Net Receipts:</b>  |                       |                       |                       |                       |
| From Taxes .....  | \$2,395,693.37        | \$2,232,890.44        | \$2,175,783.28        | \$2,173,093.65        |
|   | (92.93%)              | (91.40%)              | (90.72%)              | (90.66%)              |
| From License Fees and<br>Miscellaneous .....                                    | 182,129.94            | 210,072.50            | 222,667.93            | 223,822.03            |
|   | (7.07%)               | (8.60%)               | (9.28%)               | (9.34%)               |
| <b>Totals .....</b>   | <b>\$2,577,823.31</b> | <b>\$2,442,962.94</b> | <b>\$2,398,451.21</b> | <b>\$2,396,915.68</b> |
| <b>Apportionment of receipts:</b>   |                       |                       |                       |                       |
| State Public Welfare Fund<br>and General Fund (95%) .....                       | \$2,448,191.20        | \$2,316,233.41        | \$2,273,429.12        | \$2,276,383.96        |
| Expense Fund for Ad-<br>ministrative Expense of<br>Liquor Department (5%) ..... | 129,632.11            | 122,529.53            | 120,822.09            | 120,531.72            |
| Transferred to Attorney<br>General's Salary Fund by<br>State Legislature .....  | .....                 | 4,200.00              | 4,200.00              | .....                 |
| <b>Totals .....</b>   | <b>\$2,577,823.31</b> | <b>\$2,442,962.94</b> | <b>\$2,398,451.21</b> | <b>\$2,396,915.68</b> |
| <b>Administrative expenses:</b>   |                       |                       |                       |                       |
| Total .....   | \$ 99,603.95          | \$ 109,281.92         | \$ 117,249.33         | \$ 111,199.66         |
| Percent of net receipts ...   | 3.86                  | 4.47                  | 4.89                  | 4.64                  |

<sup>1</sup>The total amount of these items go directly into the 5% administrative expense fund.

**INTOXICATING LIQUORS: EXCISE TAX REVENUE BY SOURCE AND KIND OF LIQUOR SOLD AND PLACE OF CONSUMPTION, CALENDAR YEAR 1941**

(Source: State Licensing Authority)

| KIND OF LIQUOR | Hotels, restaurants, clubs and dining cars |          | Liquor stores |          | Drug stores |          | Total tax   |          |
|----------------|--|----------|---------------|----------|-------------|----------|-------------|----------|
|                | Amount                                     | Per Cent | Amount        | Per Cent | Amount      | Per Cent | Amount      | Per Cent |
| Beer .....     | \$ 309,743                                 | 90.1     | \$ 22,345     | 6.5      | \$ 11,689   | 3.4      | \$ 343,777  | 100.0    |
| Dry Wine.....  | 3,790                                      | 26.7     | 8,020         | 56.5     | 2,370       | 16.8     | 14,180      | 100.0    |
| Sweet Wine ... | 30,323                                     | 13.9     | 126,169       | 57.7     | 62,286      | 28.4     | 218,778     | 100.0    |
| Spirituous     |  |          |               |          |             |          |             |          |
| Liquor .....   | 685,929                                    | 37.7     | 738,316       | 40.5     | 394,713     | 21.8     | 1,818,958   | 100.0    |
| Total .....    | \$1,029,785                                | 43.0     | \$894,850     | 37.3     | \$471,058   | 19.7     | \$2,395,693 | 100.0    |

| KIND OF LIQUOR          | Sold for consumption on the premises |          | Sold for consumption off the premises |          | Total tax   |          |
|-------------------------|--------------------------------------|----------|---------------------------------------|----------|-------------|----------|
|                         | Amount                               | Per Cent | Amount                                | Per Cent | Amount      | Per Cent |
| Beer .....              | \$ 309,743                           | 90.1     | \$ 34,034                             | 9.9      | \$ 343,777  | 100.0    |
| Dry Wine .....          | 3,790                                | 26.8     | 10,390                                | 73.2     | 14,180      | 100.0    |
| Sweet Wine .....        | 30,323                               | 13.9     | 188,455                               | 86.1     | 218,778     | 100.0    |
| Spirituous Liquor ..... | 685,929                              | 37.8     | 1,133,029                             | 62.2     | 1,818,958   | 100.0    |
| Total .....             | \$1,029,785                          | 43.0     | \$1,365,908                           | 57.0     | \$2,395,693 | 100.0    |

**INTOXICATING LIQUORS: CONSUMPTION (IN GALLONS) OF MALT, VINOUS AND SPIRITIOUS LIQUORS IN COLORADO, BY CALENDAR YEARS AND PER CAPITA CONSUMPTION**

(Source: State Licensing Authority)

| KIND OF LIQUOR            | 1941       | 1940       | 1939       | 1938       |
|---------------------------|------------|------------|------------|------------|
| Beer .....                | 11,459,232 | 10,477,737 | 10,892,740 | 10,176,615 |
| Wine .....                | 1,029,741  | 1,007,804  | 963,056    | 1,050,692  |
| Spirits .....             | 1,136,848  | 1,057,014  | 1,020,815  | 1,021,484  |
| Total .....               | 13,625,821 | 12,542,555 | 12,876,611 | 12,248,791 |
| Per capita <sup>1</sup> : |            |            |            |            |
| Beer .....                | 10.20      | 9.33       | 10.22      | 9.55       |
| Wine .....                | .92        | .90        | .90        | .99        |
| Spirits .....             | 1.01       | .94        | .96        | .96        |
| Total .....               | 12.13      | 11.17      | 12.08      | 11.50      |

<sup>1</sup>Based on estimated population of 1,066,000 for 1938 and 1939. Census figures for 1940 used for 1940 and 1941.

**COLORADO MANUFACTURES: SUMMARY OF MALT LIQUORS (BREWERY) INDUSTRY FOR CENSUS YEARS**

(Source: Census Reports)

Note—Census of 1915, covering operations in 1914, was the last taken before the enactment of a constitutional amendment prohibiting the manufacture and sale of intoxicating liquors.

|                                  | 1941       | 1937       | 1935       | 1914       |
|----------------------------------|------------|------------|------------|------------|
| Number of establishments .....   | 4          | 4          | 4          | 11         |
| Persons employed, average number | 357        | 434        | 337        | 539        |
| Salaries and wages .....         | \$ 621,951 | \$ 759,319 | \$ 535,217 | \$ 625,964 |
| Cost of materials, etc. ....     | 977,890    | 1,573,022  | 1,199,515  | 1,197,000  |
| Value of products .....          | 2,562,313  | 2,731,093  | 2,729,183  | 3,023,000  |
| Value added by manufacture ....  | 1,584,423  | 1,158,071  | 1,529,668  | 1,826,000  |

**DISTILLED SPIRITS AND MALT LIQUORS: STOCKS, WITHDRAWALS, PRODUCTION AND MATERIALS USED IN COLORADO, BY FISCAL YEARS ENDING JUNE 30**

(Source: U. S. Commission of Internal Revenue)

|   | 1941      | 1940      | 1939      | 1938       | 1937       |
|---|-----------|-----------|-----------|------------|------------|
| <b>DISTILLED SPIRITS</b>                              |           |           |           |            |            |
| Distilleries operated .....                           |           | 1         |           |            | 1          |
| Production (tax gallons):                             |           |           |           |            |            |
| Whiskey .....   |           | 8,234     |           |            | 179,879    |
| Internal Revenue bonded warehouses:                   |           |           |           |            |            |
| Number .....  | 1         | 2         | 2         | 2          | 2          |
| Withdrawals, tax-paid (tax-gal-<br>lons):             |           |           |           |            |            |
| Whiskey .....   | 54,208    | 68,201    | 67,395    | 68,641     | 71,984     |
| Stocks remaining in warehouses end of<br>fiscal year: |           |           |           |            |            |
| Whiskey .....   | 83,398    | 137,357   | 168,330   | 196,391    | 228,562    |
| Losses in warehouses from leakage<br>and evaporation: |           |           |           |            |            |
| Whiskey .....   | 8,598     | 10,235    | 7,123     | 6,520      | 5,832      |
| Bottled-in-bond withdrawals (tax gals.):              |           |           |           |            |            |
| Whiskey .....   | 7,124     | 6,782     |           |            |            |
| Rectified spirits and wines:                          |           |           |           |            |            |
| Number of plants operated.....                        | 1         | 1         | 1         | 2          | 2          |
| Production (proof gals.):                             |           |           |           |            |            |
| Whiskey .....   | 238       |           |           |            | 27         |
| Gin .....   | 1,764     | 2,433     | 2,342     | 3,601      | 5,165      |
| Cordials .....  | 119       | 593       | 807       | 2,104      | 3,770      |
| Others .....  | 324       |           | 95        | 584        | 6,804      |
| Total .....   | 2,445     | 3,026     | 3,244     | 6,289      | 15,766     |
| Alcoholic liquors used:                               |           |           |           |            |            |
| Alcohol .....   | 2,287     | 3,056     | 3,035     |            |            |
| Whiskey .....   | 295       |           |           |            |            |
| Wine .....  | 127       |           |           |            |            |
| Others .....  |           |           | 161       |            |            |
| Total .....   | 2,709     | 3,056     | 3,196     |            |            |
| <b>MALT LIQUORS</b>                                   |           |           |           |            |            |
| Breweries operated.....                               | 4         | 4         | 4         | 5          | 5          |
| Production (barrels).....                             | 262,000   | 258,992   | 238,877   | 277,738    | 289,468    |
| Withdrawals:  |           |           |           |            |            |
| Tax paid (bbls.).....                                 | 256,027   | 253,987   | 239,222   | 267,664    | 273,775    |
| Tax free.....   | 1,294     | 1,811     | 1,847     | 1,878      | 2,096      |
| Losses .....  | 5,815     | 5,703     | 5,502     | 6,283      | 6,530      |
| On hand June 30.....                                  | 64,481    | 65,558    | 68,066    | 75,625     | 73,293     |
| Materials used (pounds):                              |           |           |           |            |            |
| Malt .....  | 9,039,231 | 9,335,930 | 8,776,547 | 10,688,440 | 12,093,990 |
| Corn and corn products.....                           | 1,020,050 | 707,514   | 401,800   | 292,100    | 867,220    |
| Sugar and syrups.....                                 | 33,183    | 20,396    | 11,453    | 20,865     | 28,492     |
| Rice .....  | 1,960,100 | 2,218,800 | 2,383,900 | 2,674,200  | 1,931,200  |
| Hops and hops extract.....                            | 133,387   | 150,168   | 136,769   | 164,160    | 158,214    |
| <b>STILL WINE</b>                                     |           |           |           |            |            |
| Number bonded wineries.....                           | 2         | 2         | 2         | 2          | 2          |
| Production (wine gals.)*.....                         | 36,024    | 55,084    | 122,030   | 61,495     | 4,537      |
| Withdrawals:  |           |           |           |            |            |
| Tax paid.....   | 474,986   | 453,446   | 450,981   | 541,353    | 724,919    |
| Losses .....  | 7,600     | 9,159     | 7,940     | 11,429     | 8,657      |
| On hand June 30.....                                  | 88,132    | 79,033    | 91,414    | 64,666     | 49,813     |
| <b>ENFORCEMENT</b>                                    |           |           |           |            |            |
| <b>Seizures:</b>                                      |           |           |           |            |            |
| Stills (number).....                                  |           | 6         | 3         | 20         |            |
| Distilled spirits (gals.).....                        |           | 25        | 19        | 50         | 191        |
| Mash (gals.).....                                     |           | 360       | 1,290     | 635        | 4,754      |
| Wine (gals.).....                                     | 511       |           | 5         | 42         |            |
| Automobiles .....                                     |           | 1         | 4         | 1          | †8         |
| Property (appraised value).....                       |           | \$366     | \$1,052   | \$179      | \$3,467    |
| Persons arrested.....                                 | 19        | 17        | 35        | 19         | 61         |

\*Before increases by amelioration and fortification.

†Includes 1 truck.

## NON-ALCOHOLIC BEVERAGES

Forty-one establishments engaged in the manufacture of non-alcoholic beverages in Colorado in 1939, including root beer, ginger ale and carbonated mineral waters. These employed 386 persons with a pay roll of \$469,245 and manufactured products with a value of \$2,186,671, of which \$1,203,955 was the value added by manufacture. Output consisted of 2,654,086 cases of beverages. Materials used included 1,201 20-pound and 7,678 50-pound cylinders of carbonic gas, 2,955,980 pounds of sugar and flavoring extracts and sirups valued at \$475,514.

|       |               | % Increase<br>Over<br>Previ-<br>ous Year |
|-------|---------------|--|
| 1928  | \$ 4,115,299  | 25.8                                     |
| 1929  | 5,560,348     | 35.1                                     |
| 1930  | 6,642,208     | 19.5                                     |
| 1931  | 6,857,517     | 3.2                                      |
| 1932  | 6,134,474     | -10.5                                    |
| 1933  | 6,012,639     | -2.0                                     |
| 1934  | 7,300,773     | 21.4                                     |
| 1935  | 6,814,599     | -6.7                                     |
| 1936  | 7,855,299     | 15.3                                     |
| 1937  | 8,659,029     | 10.2                                     |
| 1938  | 8,623,328     | -0.4                                     |
| 1939  | 9,037,922     | 4.8                                      |
| 1940  | 9,554,090     | 5.7                                      |
| 1941  | 10,212,311    | 6.4                                      |
| Total | \$115,307,583 | ....                                     |

## GASOLINE CONSUMPTION, TAX AND DISTRIBUTION

Colorado commenced the collection of a tax of one cent a gallon on gasoline to provide revenues for highway construction on May 11, 1919. This tax was increased to two cents a gallon on April 30, 1923, 50 per cent of the amount collected going to the state highway fund and the remaining 50 per cent being apportioned among the counties according to the mileage of state highways. On May 1, 1927, the tax was increased to three cents a gallon and the division of revenues changed so that 70 per cent went to the highway fund and 30 per cent to the counties. The tax again was increased to four cents in 1929, 70 per cent going to the state highway fund, 27 per cent to the counties for highway purposes, and three per cent into a special highway fund for construction and maintenance purposes in cities and towns. In 1934 the general assembly increased the tax to five cents from February 1, 1934, to August 31, 1934, inclusive, the additional one-cent tax to provide funds for state relief purposes. Also, 25 per cent of the normal fund for highway purposes was diverted to relief. Upon expiration of the special levy, the tax reverted to its former status. The department is operated as the motor fuel division of the state Department of Revenue. Taxes are paid by dealers directly to the department.

Collections, tax only, exclusive of inspection fees, for calendar years, are as follows:

|               |            | % Increase<br>Over<br>Previ-<br>ous Year |
|---------------|------------|--|
| 1919 (8 mos.) | \$ 274,401 | ....                                     |
| 1920          | 458,395    | 67.1                                     |
| 1921          | 566,570    | 23.6                                     |
| 1922          | 644,912    | 13.8                                     |
| 1923          | 922,643    | 43.1                                     |
| 1924          | 1,773,362  | 92.2                                     |
| 1925          | 1,845,471  | 4.1                                      |
| 1926          | 2,169,456  | 17.6                                     |
| 1927          | 3,272,537  | 50.8                                     |

(—) Decrease.

Gasoline consumption in Colorado, by years, less 2 per cent allowance and duplicate charges, as reported by the motor fuel division, is as follows:

| Year | Gallons     | Per Ct.<br>Inc. Over<br>Former Yr. |
|------|-------------|------------------------------------|
| 1913 | 5,860,855   | ....                               |
| 1914 | 10,372,238  | 76.97                              |
| 1915 | 14,482,629  | 39.63                              |
| 1916 | 19,988,001  | 38.01                              |
| 1917 | 29,879,153  | 49.49                              |
| 1918 | 32,800,910  | 9.78                               |
| 1919 | 42,361,550  | 29.15                              |
| 1920 | 51,917,098  | 22.56                              |
| 1921 | 60,390,692  | 16.32                              |
| 1922 | 65,891,200  | 9.11                               |
| 1923 | 75,258,403  | 14.22                              |
| 1924 | 94,031,766  | 24.95                              |
| 1925 | 98,741,301  | 5.01                               |
| 1926 | 112,380,309 | 13.81                              |
| 1927 | 128,304,024 | 14.16                              |
| 1928 | 142,027,665 | 10.69                              |
| 1929 | 155,507,842 | 9.49                               |
| 1930 | 170,855,026 | 9.86                               |
| 1931 | 176,493,739 | 3.30                               |
| 1932 | 155,721,630 | -11.76                             |
| 1933 | 155,812,578 | .05                                |
| 1934 | 166,615,006 | 6.93                               |
| 1935 | 178,393,706 | 6.60                               |
| 1936 | 205,917,013 | 15.42                              |
| 1937 | 222,297,891 | 7.95                               |
| 1938 | 224,084,202 | 0.80                               |
| 1939 | 234,316,995 | 4.56                               |
| 1940 | 248,441,604 | 5.69                               |
| 1941 | 265,212,103 | 6.32                               |

(—) Decrease.

Colorado refineries supplied 37.4 per cent of the total gasoline consumed in the state in 1941, which compares with 34.1 per cent in 1940, 30.5 per cent in 1939, 23.3 per cent in 1938 and 14.9 per cent in 1937. These increases reflect the growth of the oil refining industry in the state, marked by the construction of new plants and enlargement of existing plants. The Colorado refineries also export considerable gasoline to points outside the state.

The following table shows the quantity Colorado supplied by years and the per cent of the state's total consumption:

| Year | Quantity (Gals.) | Per Cent of Total Consumption |
|------|------------------|-------------------------------|
| 1915 | 332,168          | 2.29                          |
| 1916 | 395,035          | 1.98                          |
| 1917 | 3,546,823        | 11.87                         |
| 1918 | 5,701,883        | 17.38                         |
| 1919 | 6,454,277        | 15.24                         |
| 1920 | 6,610,291        | 12.73                         |
| 1921 | 5,222,884        | 8.65                          |
| 1922 | 7,019,477        | 10.65                         |
| 1923 | 7,010,704        | 9.32                          |
| 1924 | 10,282,726       | 10.94                         |
| 1925 | 5,659,669        | 5.73                          |
| 1926 | 9,555,417        | 8.50                          |
| 1927 | 15,465,893       | 12.05                         |
| 1928 | 18,164,163       | 12.79                         |
| 1929 | 19,029,208       | 12.24                         |
| 1930 | 18,171,350       | 10.64                         |
| 1931 | 26,284,127       | 14.89                         |
| 1932 | 26,493,205       | 17.01                         |
| 1933 | 28,670,241       | 18.40                         |
| 1934 | 30,814,168       | 18.49                         |
| 1935 | 30,801,215       | 17.26                         |
| 1936 | 33,855,471       | 16.45                         |
| 1937 | 33,305,394       | 14.98                         |
| 1938 | 52,167,085       | 23.28                         |
| 1939 | 71,426,995       | 30.48                         |
| 1940 | 84,757,073       | 34.1                          |
| 1941 | 99,258,103       | 37.4                          |

Shipments of imported gasoline into Colorado by tank trucks in recent years are showing a considerable increase. The following gives the total imports, by years, and gallons transported in tank trucks, with percentage of totals:

| Year | Imports     | By Tank Trucks | Per Cent |
|------|-------------|----------------|----------|
| 1931 | 150,209,604 | 1,708,883      | 1.14     |
| 1932 | 129,228,425 | 2,403,432      | 1.86     |
| 1933 | 127,142,337 | 8,271,635      | 6.51     |
| 1934 | 135,800,838 | 13,729,858     | 10.11    |
| 1935 | 147,592,491 | 24,947,907     | 16.90    |
| 1936 | 167,049,065 | 38,867,948     | 23.27    |
| 1937 | 171,287,236 | 51,010,655     | 29.78    |
| 1938 | 171,917,117 | 53,167,325     | 30.93    |
| 1939 | 162,890,000 | 74,626,375     | 45.81    |
| 1940 | 163,684,531 | 80,736,754     | 49.32    |
| 1941 | 165,954,000 | 82,638,714     | 49.79    |

Intrastate shipments by tank trucks by calendar years are as follows:

| Year | Gallons    |
|------|------------|
| 1937 | 6,050,301  |
| 1938 | 15,708,828 |
| 1939 | 25,433,435 |
| 1940 | 33,563,414 |
| 1941 | 45,290,880 |

Exports of gasoline, by years, are as follows:

| Year | Gallons   |
|------|-----------|
| 1934 | 1,126,627 |
| 1935 | 1,286,854 |
| 1936 | 1,164,451 |
| 1937 | 1,269,342 |
| 1938 | 1,316,936 |
| 1939 | 1,295,622 |
| 1940 | 1,482,052 |
| 1941 | 1,709,265 |

The consumption figures used in these reports represent the net gallonage after a 2 per cent allowance and duplicate charges are deducted. All of the net gallonage, however, is not taxable. In 1940 there were 8,190,577 gallons of gasoline exempt, the tax credits on which amounted to \$327,623. These credits were distributed as follows:

|                            | Amount       |
|----------------------------|--------------|
| U. S. Government           | \$149,120.79 |
| Counties, cities and towns | 82,782.14    |
| Railroads                  | 23,942.26    |
| Aviation                   | 2,070.24     |
| Miscellaneous              | 10,425.59    |
| Exports                    | 59,282.38    |
| Total                      | \$327,623.10 |

In addition to credits for gasoline exempt from the tax, refunds of the tax are made on motor fuel used for agricultural purposes, by industries, contractors, state institutions, motor boats, etc., upon application of the taxpayer. Total refunds by calendar years are as follows:

| Year | Amount    |
|------|-----------|
| 1924 | \$ 33,167 |
| 1925 | 31,628    |
| 1926 | 63,261    |
| 1927 | 143,919   |
| 1928 | 265,709   |
| 1929 | 412,410   |
| 1930 | 630,231   |
| 1931 | 738,072   |
| 1932 | 659,144   |
| 1933 | 678,832   |
| 1934 | 849,881   |
| 1935 | 809,973   |
| 1936 | 1,042,474 |
| 1937 | 1,214,575 |
| 1938 | 1,154,776 |
| 1939 | 1,215,334 |
| 1940 | 1,134,638 |
| 1941 | 1,379,543 |

The average consumption of gasoline in gallons in Colorado per motor vehicle registered, by years, is as follows:

| Year | Av. Consumption |
|------|-----------------|
| 1926 | 419.3           |
| 1927 | 453.9           |
| 1928 | 462.9           |
| 1929 | 464.4           |
| 1930 | 495.2           |
| 1931 | 505.3           |
| 1932 | 407.8           |
| 1933 | 511.5           |
| 1934 | 520.9           |
| 1935 | 533.6           |
| 1936 | 544.3           |
| 1937 | 545.9           |
| 1938 | 562.6           |
| 1939 | 568.8           |
| 1940 | 610.55          |

An accompanying table shows gasoline consumption and road taxes distributed, by counties, for 1941, 1940 and 1939. Another gives the amounts of the tax distributed to counties and to the general and special highway funds by years. A third table shows the sources of gasoline consumed in Colorado by years.

## DISTRIBUTION OF GASOLINE TAXES

Note—Amounts given are those distributed to the various agencies by the state auditor and do not show total taxes collected or balances on hand.

| YEAR        | To Counties | To Highway Fund | To Special Fund | State Relief |
|-------------|-------------|-----------------|-----------------|--------------|
| *1927 ..... | \$1,505,651 | \$1,740,651     | .....           | .....        |
| *1928 ..... | 1,122,438   | 2,665,355       | .....           | .....        |
| 1929 .....  | 1,455,430   | 3,719,623       | \$ 103,969      | .....        |
| 1930 .....  | 1,603,082   | 4,171,888       | 178,531         | .....        |
| 1931 .....  | 1,649,511   | 4,219,681       | 180,820         | .....        |
| 1932 .....  | 1,445,495   | 3,790,617       | 162,455         | .....        |
| 1933 .....  | 1,419,495   | 3,663,800       | 155,800         | .....        |
| 1934 .....  | 1,527,200   | 2,980,720       | 170,300         | †\$1,719,000 |
| 1935 .....  | 1,596,100   | 3,801,550       | 163,000         | .....        |
| 1936 .....  | 1,808,100   | 4,688,000       | 200,600         | .....        |
| 1937 .....  | 1,954,500   | 5,067,000       | 217,200         | .....        |
| 1938 .....  | 1,994,700   | 5,171,900       | 221,700         | .....        |
| 1939 .....  | 2,075,286   | 5,379,760       | 230,354         | .....        |
| 1940 .....  | 2,196,031   | 5,693,415       | 244,003         | .....        |
| 1941 .....  | 2,283,985   | 5,918,850       | 253,661         | .....        |

\*For fiscal year ending November 30. Others are for calendar years.

†Includes \$742,250 from additional 1-cent tax in effect Feb. 1, to Aug. 31, 1934, and \$976,750 representing 25 per cent of highway diverted to relief purposes.

## SOURCES OF COLORADO'S GASOLINE SUPPLY, IN GALLONS BY YEARS

(Source: Department of Revenue)

|                  | 1941        |          | 1940        |          | 1939        |          |
|------------------|-------------|----------|-------------|----------|-------------|----------|
|                  | Gallons     | Per Cent | Gallons     | Per Cent | Gallons     | Per Cent |
| Colorado .....   | 99,258,103  | 37.4     | 84,757,073  | 34.1     | 71,426,995  | 30.5     |
| Indiana .....    | 12          | ...      | 16,730      | ...      | 7,776       | ...      |
| Kansas .....     | 37,733,227  | 14.2     | 42,244,440  | 17.0     | 50,779,321  | 21.7     |
| Louisiana .....  | .....       | ...      | 8,014       | ...      | 455,744     | 0.2      |
| Missouri .....   | 21,657      | ...      | 46,037      | ...      | 116,591     | ...      |
| Nebraska .....   | 2,655,933   | 1.0      | 3,233,381   | 1.3      | 2,441,860   | 1.0      |
| New Mexico ..... | 6,001,952   | 2.3      | 5,609,170   | 2.3      | 10,071,313  | 4.3      |
| Oklahoma .....   | 10,245,698  | 3.9      | 11,493,698  | 4.6      | 9,581,821   | 4.1      |
| Texas .....      | 27,093,120  | 10.2     | 20,085,234  | 8.1      | 18,353,295  | 7.8      |
| Utah .....       | 139,898     | ...      | 51,471      | ...      | 42,809      | ...      |
| Wyoming .....    | 81,305,088  | 30.7     | 80,435,843  | 32.4     | 70,712,988  | 30.2     |
| Unknown .....    | 757,415     | 0.3      | 460,513     | 0.2      | 326,482     | 0.2      |
| Total .....      | 265,212,103 | 100.0    | 248,441,604 | 100.0    | 234,316,995 | 100.0    |

**GASOLINE CONSUMPTION, IN GALLONS, AND ROAD TAX DISTRIBUTED, BY AND TO COUNTIES, IN 1941, 1940, AND 1939**  
(Source: Department of Revenue)

| COUNTY      | Gallons Consumed |             |             | Road Tax Distributed |                |                |
|-------------|------------------|-------------|-------------|----------------------|----------------|----------------|
|             | 1941             | 1940        | 1939        | 1941                 | 1940           | 1939           |
| Adams       | 7,917,987        | 8,991,616   | 8,687,219   | \$ 31,990.88         | \$ 30,737.55   | \$ 28,679.17   |
| Alamosa     | 4,683,010        | 4,844,553   | 4,173,955   | 27,521.63            | 26,450.57      | 25,021.58      |
| Arapahoe    | 3,654,928        | 3,071,437   | 3,020,566   | 28,223.50            | 27,180.03      | 25,638.72      |
| Archuleta   | 317,874          | 419,765     | 507,765     | 24,037.95            | 23,150.78      | 21,888.15      |
| Baca        | 7,907,516        | 6,651,385   | 4,890,221   | 55,001.22            | 53,246.63      | 50,471.68      |
| Bent        | 1,716,787        | 1,371,001   | 1,080,669   | 17,455.55            | 16,704.01      | 15,301.28      |
| Boulder     | 8,371,814        | 8,457,523   | 8,212,185   | 36,885.01            | 35,366.53      | 32,736.11      |
| Chaffee     | 2,202,478        | 2,606,104   | 2,363,829   | 21,606.07            | 20,595.34      | 19,723.18      |
| Cheyenne    | 735,091          | 615,808     | 581,003     | 30,662.49            | 29,383.57      | 27,940.15      |
| Clear Creek | 204,201          | 41,443      | 11,136      | 25,351.89            | 24,627.25      | 23,523.14      |
| Conejos     | 637,073          | 855,841     | 721,902     | 30,543.51            | 29,508.25      | 28,041.55      |
| Costilla    | 399,275          | 384,848     | 332,426     | 29,542.72            | 28,261.69      | 27,231.03      |
| Crowley     | 828,567          | 885,705     | 758,782     | 15,852.65            | 15,243.95      | 14,354.76      |
| Custer      | .....            | 1,074       | 2,583       | 23,094.86            | 22,438.36      | 21,435.01      |
| Delta       | 2,621,851        | 2,526,452   | 2,335,962   | 31,677.91            | 30,543.65      | 28,885.93      |
| Denver      | 85,395,157       | 76,268,428  | 69,693,124  | 13,094.05            | *9,959.32      | 27,940.15      |
| Dolores     | 367,606          | 253,978     | 65,728      | 16,245.18            | 15,706.88      | 14,923.18      |
| Douglas     | 787,762          | 961,696     | 954,967     | 36,948.21            | 35,669.93      | 33,896.84      |
| Eagle       | 632,567          | 632,737     | 557,531     | 38,103.98            | 36,756.35      | 32,187.45      |
| Elbert      | 531,628          | 454,137     | 458,467     | 29,858.49            | 28,706.97      | 27,367.69      |
| El Paso     | 13,313,120       | 12,700,274  | 13,408,783  | 65,290.14            | 60,547.68      | 55,890.21      |
| Fremont     | 2,204,610        | 2,076,185   | 2,271,908   | 43,448.07            | 41,731.81      | 39,260.34      |
| Garfield    | 2,746,285        | 2,609,564   | 2,412,110   | 33,926.16            | 32,713.83      | 31,168.51      |
| Gilpin      | 126,466          | 154,216     | 95,862      | 11,044.01            | 10,649.49      | 10,010.39      |
| Grand       | 1,360,699        | 1,326,920   | 1,348,355   | 44,084.21            | 42,846.66      | 40,866.59      |
| Gunnison    | 873,742          | 602,138     | 705,051     | 65,636.37            | 63,290.67      | 61,565.99      |
| Hinsdale    | 12,494           | 4,127       | .....       | 10,582.36            | 10,204.18      | 9,768.64       |
| Huerfano    | 2,516,230        | 2,291,930   | 3,082,063   | 38,866.43            | 37,816.12      | 35,457.80      |
| Jackson     | 469,073          | 531,217     | 518,566     | 32,675.97            | 31,663.09      | 30,339.77      |
| Jefferson   | 990,517          | 782,985     | 804,994     | 60,963.86            | 58,681.94      | 56,354.01      |
| Kiowa       | 966,138          | 664,659     | 653,119     | 34,226.40            | 33,087.79      | 31,488.97      |
| Kit Carson  | 2,700,893        | 2,340,779   | 2,302,765   | 42,938.74            | 41,404.30      | 39,273.47      |
| Lake        | 1,491,870        | 1,518,019   | 1,509,033   | 17,714.95            | 16,934.22      | 15,820.48      |
| La Plata    | 2,781,536        | 2,636,085   | 2,453,438   | 31,523.25            | 30,406.75      | 28,466.56      |
| Larimer     | 10,397,591       | 9,953,784   | 10,172,636  | 64,743.03            | 62,260.77      | 58,354.99      |
| Las Animas  | 4,543,519        | 5,520,447   | 7,097,646   | 63,678.27            | 61,523.42      | 58,079.84      |
| Lincoln     | 3,332,362        | 2,720,479   | 2,562,704   | 74,163.91            | 71,428.98      | 67,843.83      |
| Logan       | 5,839,260        | 5,217,509   | 4,924,097   | 40,498.00            | 39,005.39      | 36,737.17      |
| Mesa        | 6,091,524        | 5,943,665   | 5,837,603   | 53,298.92            | 50,943.47      | 48,094.32      |
| Mineral     | 79,387           | 47,484      | 70,638      | 14,873.44            | 14,567.13      | 14,031.00      |
| Moffat      | 2,483,263        | 2,401,250   | 1,990,413   | 41,701.43            | 40,211.03      | 38,123.40      |
| Montezuma   | 2,430,188        | 2,261,599   | 2,127,657   | 34,051.58            | 32,820.64      | 31,222.95      |
| Montrose    | 2,753,510        | 2,756,231   | 2,648,937   | 54,855.49            | 52,878.14      | 49,891.64      |
| Morgan      | 5,332,624        | 4,916,155   | 4,591,645   | 31,518.54            | 30,366.63      | 28,581.84      |
| Otero       | 5,204,295        | 4,655,298   | 4,537,680   | 30,029.46            | 28,764.44      | 26,690.49      |
| Ouray       | .....            | .....       | 13,562      | 11,827.48            | 11,432.73      | 10,856.33      |
| Park        | 505,586          | 459,839     | 468,562     | 45,984.03            | 44,467.36      | 42,270.16      |
| Phillips    | 2,509,149        | 2,482,034   | 2,406,354   | 23,428.58            | 22,563.15      | 21,476.14      |
| Pitkin      | 53,809           | 38,029      | 53,885      | 20,300.60            | 19,589.06      | 18,691.02      |
| Prowers     | 4,332,142        | 3,948,583   | 3,354,164   | 44,541.65            | 42,841.82      | 40,406.12      |
| Pueblo      | 18,695,515       | 16,667,454  | 14,979,699  | 53,469.63            | 51,046.17      | 46,880.01      |
| Rio Blanco  | 379,012          | 320,273     | 279,635     | 51,658.38            | 49,417.94      | 47,086.79      |
| Rio Grande  | 2,425,065        | 3,076,702   | 2,555,209   | 21,016.91            | 20,198.12      | 18,890.29      |
| Routt       | 1,683,255        | 1,528,098   | 1,454,012   | 47,006.59            | 45,411.13      | 43,013.36      |
| Saguache    | 644,472          | 784,242     | 731,786     | 40,054.65            | 38,679.44      | 36,522.93      |
| San Juan    | 139,438          | 167,583     | 137,930     | 10,981.78            | 10,313.63      | 10,097.54      |
| San Miguel  | 596,822          | 563,935     | 413,811     | 31,859.49            | 30,861.78      | 29,333.14      |
| Sedgwick    | 1,556,807        | 1,474,326   | 1,441,179   | 19,003.80            | 18,324.66      | 17,388.60      |
| Summit      | 10,150           | 47,993      | .....       | 21,774.07            | 20,995.98      | 19,995.74      |
| Teller      | 504,151          | 540,794     | 544,982     | 27,224.99            | 26,463.15      | 25,062.07      |
| Washington  | 1,562,647        | 1,516,755   | 1,450,030   | 59,733.26            | 57,556.27      | 54,872.91      |
| Weld        | 14,212,020       | 13,875,768  | 13,189,439  | 97,564.59            | 94,089.40      | 88,272.15      |
| Xuma        | 3,911,113        | 3,572,061   | 3,028,602   | 56,523.78            | 54,475.53      | 52,456.90      |
| Unknown     | 536,582          | 448,605     | 271,428     | .....                | .....          | .....          |
| State       | 265,212,103      | 248,441,604 | 234,316,995 | \$2,283,985.00       | \$2,196,031.50 | \$2,066,202.00 |

\*Commencing April 1, Motor Fuel apportioned to Denver.

## RETAIL SALES TAX

The first tax on retail sales in Colorado was established by an act of the general assembly in 1935 and approved February 2 of that year. It was adopted as an emergency relief measure. The law went into effect on March 1, 1935, and expired by statutory limitation on June 30, 1937. On June 4, 1937, an amendment to the act, extending it without time limit and incorporating in its provisions the use tax, was approved.

The law established a tax of two per cent upon retail sales of all tangible personal property in the state. Commodities subject to a state excise tax, such as intoxicating liquors and gasoline, or more than 12½ per cent federal excise tax, such as cigarets and tobacco, are exempt from the sales tax. Telephone and telegraph service within the state and coal, gas and electricity sold for domestic consumption and restaurants are included in the tax. It is administered by the retail sales tax division of the department of revenue.

The revenue derived from the tax goes into the public welfare fund, except five per cent, which is appropriated for administrative cost. Through the department of public welfare 85 per cent of the net tax goes into the old age pension fund under a constitutional amendment adopted November 3, 1936, at a general election. Retailers retain five per cent of their total tax for expenses connected with its collection. All retailers are required to take out licenses from the state treasurer and the fee is \$2 per year for each license, a separate license being required for each vending establishment. Reports of sales with remittances of taxes are required monthly.

Revenue received from the sales tax from all sources, by calendar years, as reported by the department, and the

amount per capita, based on the 1930 census, up to 1939 and the 1940 census for subsequent years, is as follows:

| Year           | Amount      | Per Capita | % Increase |
|----------------|-------------|------------|------------|
| 1935 (10 mos.) | \$4,191,254 | \$4.05     | ...        |
| 1936           | 6,240,799   | 6.02       | ...        |
| 1937           | 6,985,545   | 6.74       | 11.9       |
| 1938           | 6,553,855   | 6.34       | -6.2       |
| 1939           | 7,200,692   | 6.95       | 9.9        |
| 1940           | 7,371,463   | 6.56       | 2.4        |
| 1941           | 8,354,587   | 7.4        | 13.3       |

(—) Decrease.

The sources of sales tax revenues by business classifications, in percentages, for specified years, are as follows:

| Group               | Per Cent |        |        |
|---------------------|----------|--------|--------|
|                     | 1941     | 1940   | 1939   |
| Apparel             | 6.64     | 6.57   | 6.81   |
| Automotive          | 16.86    | 16.53  | 15.78  |
| Food                | 24.68    | 25.47  | 25.65  |
| General merchandise | 21.50    | 21.62  | 22.03  |
| Public utilities    | 6.89     | 7.47   | 7.34   |
| All others          | 23.43    | 22.34  | 22.39  |
|                     | 100.00   | 100.00 | 100.00 |

The volume of Colorado retail trade taxed under the retail sales tax act, by calendar years, is as follows:

| Year | Taxed Sales   | % Increase Over Previous Year |
|------|---------------|-------------------------------|
| 1936 | \$338,261,450 | ...                           |
| 1937 | 370,860,700   | 8.8                           |
| 1938 | 348,587,800   | -6.0                          |
| 1939 | 373,477,950   | 6.7                           |
| 1940 | 385,577,400   | 3.1                           |
| 1941 | 439,701,914   | 12.3                          |

(—) Decrease.

There is a wide variation among the counties in the per capita sales tax, which ranged from \$1.28 in Costilla county to \$8.17 in Denver in 1941.

Tables published herewith on sales tax operations are as follows:

Distribution of sales tax receipts as reported by the state treasurer, by calendar years.

Collections by amounts, per return and per capita, for 1941, and totals for 1940, 1939 and 1938, by counties.

Collections by business classifications, by amounts and percentages, for 1941, and group totals by years.

## RETAIL SALES TAX: DISBURSEMENTS CALENDAR YEARS 1941, 1940, 1939 AND 1938

(Source: State Treasurer)

Note—Purpose of this table is to show the distribution of sales tax net receipts to specified funds.

|                               | 1941                  | 1940                  | 1939                  | 1938                  |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>DISBURSEMENTS</b>          |                       |                       |                       |                       |
| Refunds                       | \$ 2,389.48           | \$ 2,962.30           | \$ 3,668.16           | \$ 3,352.37           |
| Administration (5% allowance) | 418,837.58            | 365,582.92            | 358,944.17            | 327,904.91            |
| Old Age Pensions              | 6,764,227.29          | 5,904,164.45          | 5,796,948.21          | 5,295,666.32          |
| General fund                  | 566,519.46            |                       |                       | 40.19                 |
| Public Welfare                | 627,167.71            | 1,041,911.37          | 1,022,990.86          | 934,528.35            |
| <b>Total</b>                  | <b>\$8,379,141.52</b> | <b>\$7,314,621.04</b> | <b>\$7,182,551.40</b> | <b>\$6,561,492.14</b> |

**RETAIL SALES TAX: TOTAL AMOUNT AND AMOUNT PER AVERAGE RETURN AND PER CAPITA COLLECTED IN 1941, AND COMPARATIVE TOTALS FOR 1940, 1939 AND 1938, BY COUNTIES AND SPECIFIED GROUPS FOR THE STATE**

(Source: State Department of Revenue)

| COUNTY                   | 1941           |                   |                   | 1940           | 1939           | 1938           |
|--------------------------|----------------|-------------------|-------------------|----------------|----------------|----------------|
|                          | Total Amount   | Amount Per Return | Amount Per Capita |                |                |                |
| Adams                    | \$ 53,814.64   | \$140.88          | \$ 2.39           | \$ 44,723.92   | \$ 44,629.78   | \$ 43,376.81   |
| Alamosa                  | 54,591.93      | 228.72            | 5.21              | 50,811.38      | 56,330.74      | 45,457.48      |
| Arapahoe                 | 110,035.73     | 205.44            | 4.36              | 102,280.46     | 95,860.29      | 78,355.40      |
| Archuleta                | 9,976.54       | 178.92            | 2.62              | 10,835.71      | 9,104.51       | 10,538.97      |
| Baca                     | 19,278.62      | 158.28            | 3.11              | 14,945.66      | 12,268.05      | 11,619.57      |
| Bent                     | 27,942.94      | 152.28            | 2.89              | 24,798.41      | 19,506.05      | 16,545.14      |
| Boulder                  | 185,008.83     | 225.63            | 4.94              | 177,386.20     | 174,475.11     | 163,653.38     |
| Chaffee                  | 34,566.97      | 149.16            | 4.26              | 35,873.56      | 38,644.74      | 37,104.15      |
| Cheyenne                 | 9,478.94       | 141.12            | 3.20              | 7,430.53       | 7,921.37       | 7,471.19       |
| Clear Creek              | 17,590.01      | 173.28            | 4.65              | 15,905.32      | 15,793.88      | 14,828.35      |
| Conejos                  | 21,842.53      | 158.64            | 1.88              | 20,324.33      | 20,619.30      | 18,648.83      |
| Costilla                 | 9,630.53       | 120.84            | 1.28              | 8,739.90       | 10,047.27      | 8,311.87       |
| Crowley                  | 13,750.12      | 162.36            | 2.55              | 13,080.53      | 11,607.93      | 11,079.26      |
| Custer                   | 4,120.09       | 89.40             | 1.82              | 3,826.76       | 3,892.88       | 3,264.40       |
| Delta                    | 57,186.32      | 156.00            | 3.47              | 56,100.16      | 61,068.54      | 55,632.11      |
| Denver                   | 2,635,341.59   | 380.52            | 8.17              | 2,310,311.02   | 2,262,457.26   | 2,005,928.44   |
| Dolores                  | 4,427.73       | 123.84            | 2.26              | 3,009.31       | 3,956.83       | 2,296.16       |
| Douglas                  | 8,521.90       | 114.12            | 2.44              | 7,481.70       | 7,658.76       | 6,348.82       |
| Eagle                    | 20,135.26      | 159.00            | 3.76              | 20,241.30      | 18,779.10      | 17,558.72      |
| Elbert                   | 10,205.60      | 116.76            | 1.87              | 8,319.33       | 8,941.86       | 9,315.33       |
| El Paso                  | 357,251.83     | 257.40            | 6.61              | 322,896.41     | 326,812.65     | 330,607.31     |
| Fremont                  | 61,205.44      | 160.92            | 3.10              | 58,803.55      | 58,459.07      | 56,165.11      |
| Garfield                 | 44,781.72      | 163.44            | 4.24              | 41,938.31      | 42,346.53      | 40,402.29      |
| Gilpin                   | 6,755.52       | 145.56            | 4.16              | 4,786.78       | 5,276.22       | 4,711.50       |
| Grand                    | 20,214.82      | 157.68            | 5.64              | 18,096.40      | 19,735.72      | 12,380.19      |
| Gunnison                 | 24,859.66      | 143.76            | 4.02              | 24,265.57      | 23,530.09      | 22,182.25      |
| Hinsdale                 | 839.38         | 60.24             | 2.41              | 783.46         | 612.56         | 520.05         |
| Huerfano                 | 39,622.02      | 131.88            | 2.46              | 37,925.94      | 45,076.17      | 41,139.58      |
| Jackson                  | 7,490.51       | 183.84            | 4.17              | 6,794.74       | 6,529.68       | 6,600.71       |
| Jefferson                | 104,900.39     | 177.00            | 3.41              | 87,615.10      | 83,864.51      | 74,066.42      |
| Kiowa                    | 6,103.48       | 107.09            | 2.19              | 5,252.57       | 5,446.05       | 5,738.96       |
| Kit Carson               | 25,783.72      | 174.36            | 3.43              | 20,351.35      | 20,090.44      | 19,046.53      |
| Lake                     | 38,125.83      | 292.20            | 5.54              | 35,639.48      | 36,434.76      | 41,881.45      |
| La Plata                 | 59,657.92      | 199.68            | 3.85              | 60,713.66      | 60,497.14      | 55,978.66      |
| Larimer                  | 167,522.26     | 227.64            | 4.71              | 152,109.02     | 161,656.41     | 47,864.04      |
| Las Animas               | 92,342.49      | 150.24            | 2.85              | 87,292.53      | 86,584.12      | 82,667.25      |
| Lincoln                  | 26,057.47      | 168.24            | 4.43              | 21,032.39      | 20,341.98      | 19,871.96      |
| Logan                    | 75,691.04      | 237.84            | 4.12              | 61,096.41      | 66,344.86      | 64,385.50      |
| Mesa                     | 150,324.98     | 223.20            | 4.45              | 143,928.70     | 140,054.43     | 128,611.46     |
| Mineral                  | 5,243.28       | 170.04            | 5.38              | 5,084.40       | 3,696.75       | 2,314.42       |
| Moffat                   | 24,425.05      | 197.16            | 4.80              | 21,043.05      | 17,847.44      | 14,790.73      |
| Montezuma                | 33,050.56      | 201.72            | 3.16              | 33,228.66      | 30,587.26      | 25,909.52      |
| Montrose                 | 55,048.13      | 219.24            | 3.57              | 53,088.98      | 51,765.87      | 50,114.47      |
| Morgan                   | 66,658.09      | 206.16            | 3.87              | 58,069.48      | 58,261.02      | 53,673.16      |
| Otero                    | 100,379.03     | 197.52            | 4.26              | 82,330.77      | 85,595.50      | 81,495.72      |
| Ouray                    | 5,424.43       | 100.80            | 2.60              | 6,698.42       | 6,197.39       | 6,689.47       |
| Park                     | 11,715.10      | 100.32            | 3.58              | 10,672.27      | 12,625.14      | 12,903.46      |
| Phillips                 | 24,241.71      | 184.92            | 4.90              | 18,135.68      | 17,753.22      | 17,742.21      |
| Pitkin                   | 4,103.75       | 105.00            | 2.24              | 3,922.09       | 4,374.22       | 4,255.08       |
| Prowers                  | 57,678.69      | 204.24            | 4.69              | 49,386.17      | 41,448.92      | 40,062.44      |
| Pueblo                   | 400,222.75     | 281.16            | 5.81              | 334,321.14     | 302,823.18     | 264,341.02     |
| Rio Blanco               | 14,246.71      | 217.56            | 4.84              | 10,318.05      | 10,431.69      | 10,107.00      |
| Rio Grande               | 49,484.64      | 219.00            | 3.99              | 42,641.76      | 49,167.66      | 41,408.59      |
| Routt                    | 37,436.57      | 174.84            | 3.56              | 34,004.28      | 34,023.14      | 28,849.62      |
| Saguache                 | 13,108.32      | 117.84            | 2.12              | 13,693.36      | 15,094.72      | 13,607.39      |
| San Juan                 | 6,780.30       | 174.24            | 4.71              | 7,271.70       | 6,472.17       | 7,754.15       |
| San Miguel               | 11,072.17      | 166.68            | 3.02              | 12,336.05      | 10,476.55      | 8,840.08       |
| Sedgwick                 | 22,828.45      | 194.16            | 4.31              | 17,869.24      | 17,721.30      | 16,730.90      |
| Summit                   | 3,302.84       | 69.12             | 1.88              | 3,006.49       | 3,546.24       | 2,452.55       |
| Teller                   | 22,022.19      | 144.36            | 3.41              | 21,645.29      | 21,870.32      | 21,501.63      |
| Washington               | 14,935.88      | 140.16            | 1.79              | 12,470.96      | 13,273.93      | 12,949.83      |
| Weld                     | 234,779.53     | 224.28            | 3.68              | 221,000.43     | 217,799.29     | 204,101.15     |
| Yuma                     | 40,806.53      | 177.12            | 3.37              | 32,655.62      | 32,572.84      | 34,750.02      |
| Total Counties           | \$5,905,972.06 | \$254.64          | \$ 5.26           | \$5,232,642.20 | \$5,158,483.40 | \$4,699,500.31 |
| Chain Stores*            | 1,524,147.08   | 9,000.84          | 1.36              | 1,354,971.20   | 1,279,378.69   | 1,229,635.96   |
| Out of State*            | 919,135.07     | 3,248.76          | .82               | 780,381.30     | 759,427.83     | 621,902.59     |
| Transient Concessioners* | 3,022.24       | 335.80            | (2)               | 1,405.02       | 198.71         | 101.70         |
| Concessioners*           | 2,310.96       | 64.20             | (2)               | 2,063.50       | 3,202.93       | 2,714.33       |
| State total...           | \$8,354,587.41 | \$352.68          | \$ 7.44           | \$7,371,463.22 | \$7,200,691.56 | \$6,553,854.89 |

\*Returns from chain stores and from accounting departments outside of the state of Colorado are not broken down to show receipts per county.

(2) Less than one per cent.

**RETAIL SALES TAX: AVERAGE NUMBER OF RETURNS, TOTAL AMOUNT OF TAX COLLECTED, AVERAGE TAX PER RETURN AND PERCENTAGES OF TOTALS, BY BUSINESS CLASSIFICATIONS, FOR 1941, WITH COMPARATIVE TOTALS FOR PREVIOUS YEARS**

(Source: State Department of Revenue)

| KIND OF BUSINESS  | Yearly Average No. of Returns | Tax Collected  | Average Tax Per Return | Per Cent of Total |          |          |
|---|-------------------------------|----------------|------------------------|-------------------|----------|----------|
|   |                               |                |                        | No. of Returns    | Tax Paid |          |
|   |                               |                |                        |                   | Rank     | Per Cent |
| <b>APPAREL GROUP:</b>                                   |                               |                |                        |                   |          |          |
| 1. Boot and Shoe Stores.....                            | 80                            | \$ 68,498.53   | \$ 856.23              | .34               | ..       | .82      |
| 2. Clothing Stores, Dress Makers .....                  | 543                           | 419,808.31     | 773.13                 | 2.29              | ..       | 5.02     |
| 3. Furriers .....                                       | 32                            | 17,623.21      | 550.73                 | .14               | ..       | .21      |
| 4. Haberdashery .....                                   | 39                            | 16,113.95      | 413.18                 | .16               | ..       | .20      |
| 5. Millinery .....                                      | 58                            | 9,398.12       | 162.04                 | .24               | ..       | .11      |
| 6. Shoe Repair.....                                     | 326                           | 9,639.13       | 29.57                  | 1.38              | ..       | .12      |
| 7. Others .....   | 4                             | 211.21         | 52.80                  | .02               | ..       | ..       |
| 8. Cleaners, Dyers, Tailors, Laundries .....            | 90                            | 13,004.77      | 144.50                 | .38               | ..       | .16      |
| Total, 1941 .....                                       | 1,172                         | \$ 554,297.23  | \$ 472.95              | 4.95              | 6        | 6.64     |
| Total, 1940.....  | 1,172                         | 484,506.80     | 413.40                 | 5.19              | 5        | 6.57     |
| Total, 1939.....  | 1,303                         | 490,603.06     | 376.52                 | 5.38              | 5        | 6.81     |
| Total, 1938.....  | 1,378                         | 473,751.15     | 343.80                 | 5.46              | 5        | 7.23     |
| Total, 1937.....  | 1,374                         | 527,331.75     | 384.07                 | 5.49              | 4        | 7.55     |
| Total, 1936.....  | 1,308                         | 498,346.00     | 381.00                 | 5.55              | 4        | 7.99     |
| Total, 1935*.....                                       | 1,209                         | 333,850.77     | 276.14                 | 5.46              | 4        | 7.97     |
| <b>AUTOMOTIVE GROUP:</b>                                |                               |                |                        |                   |          |          |
| 1. Accessories, tires, batteries, wreckers, etc.....    | 382                           | \$ 134,098.00  | \$ 351.04              | 1.61              | ..       | 1.60     |
| 2. Automobile, aircraft, bicycles .....                 | 577                           | 869,642.58     | 1,507.18               | 2.44              | ..       | 10.41    |
| 3. Filling and service stations.....                    | 1,986                         | 153,584.85     | 77.33                  | 8.38              | ..       | 1.84     |
| 4. Garage repair shops.....                             | 1,058                         | 239,065.56     | 225.96                 | 4.47              | ..       | 2.86     |
| 5. Trailers, other automotive stores .....              | 39                            | 12,431.06      | 318.75                 | .16               | ..       | .15      |
| 6. Others .....   | ....                          | 5.37           | 5.37                   | ...               | ..       | ...      |
| Total, 1941 .....                                       | 4,042                         | \$1,408,827.42 | \$ 348.63              | 17.06             | 3        | 16.86    |
| Total, 1940.....  | 3,921                         | 1,218,550.17   | 310.78                 | 17.37             | 2        | 16.53    |
| Total, 1939.....  | 4,101                         | 1,136,357.09   | 277.09                 | 16.92             | 3        | 15.78    |
| Total, 1938.....  | 4,206                         | 885,581.58     | 210.55                 | 16.67             | 3        | 13.51    |
| Total, 1937.....  | 4,358                         | 1,000,152.41   | 229.60                 | 17.40             | 3        | 14.32    |
| Total, 1936.....  | 4,171                         | 863,645.79     | 207.06                 | 17.72             | 3        | 13.84    |
| Total, 1935*.....                                       | 3,732                         | 504,281.47     | 135.12                 | 16.87             | 3        | 12.03    |
| <b>FOOD GROUP:</b>                                      |                               |                |                        |                   |          |          |
| 1. Bakeries, dairy products, delicatessens.....         | 659                           | \$ 148,869.76  | \$ 225.90              | 2.78              | ..       | 1.78     |
| 2. Candy, confectionery.....                            | 321                           | 37,364.83      | 116.40                 | 1.35              | ..       | .45      |
| 3. Fruit stands, vegetable mchts., truckers.....        | 281                           | 38,422.09      | 136.72                 | 1.19              | ..       | .46      |
| 4. Grocery and motor stores, meat markets.....          | 2,863                         | 1,404,392.05   | 490.53                 | 12.09             | ..       | 16.81    |
| 6. Restaurants, taverns, cafeterias† .....              | 2,060                         | 359,808.57     | 174.66                 | 8.70              | ..       | 4.31     |
| 7. Fish, poultry, other food stores .....               | 83                            | 11,454.57      | 138.01                 | .35               | ..       | .14      |
| 8. Hotels, cottage camps, resorts, boarding houses..... | 439                           | 61,696.62      | 140.39                 | 1.85              | ..       | .73      |
| Total, 1941 .....                                       | 6,706                         | \$2,062,008.49 | \$ 307.49              | 28.31             | 1        | 24.68    |
| Total, 1940.....  | 6,578                         | 1,877,484.15   | 285.42                 | 29.14             | 1        | 25.47    |
| Total, 1939.....  | 6,826                         | 7,846,813.58   | 270.55                 | 28.16             | 1        | 25.65    |
| Total, 1938.....  | 6,882                         | 1,781,494.45   | 258.86                 | 27.28             | 1        | 27.18    |
| Total, 1937.....  | 6,907                         | 1,860,667.18   | 269.47                 | 27.59             | 1        | 26.64    |
| Total, 1936.....  | 6,867                         | 1,720,134.34   | 250.49                 | 29.17             | 1        | 27.56    |
| Total, 1935*.....                                       | 6,447                         | 1,282,342.03   | 198.91                 | 29.13             | 1        | 30.60    |
| <b>FURNITURE GROUP:</b>                                 |                               |                |                        |                   |          |          |
| 1. Carpets, rugs, house furnishings .....               | 33                            | \$ 8,964.67    | \$ 271.66              | .14               | ..       | .11      |
| 2. Furniture stores.....                                | 319                           | 167,416.05     | 524.82                 | 1.34              | ..       | 2.00     |
| 3. Household appliances.....                            | 70                            | 24,472.64      | 349.61                 | .29               | ..       | .29      |
| 4. Musical instruments, phonographs, music.....         | 50                            | 32,748.27      | 654.97                 | .21               | ..       | .39      |
| 5. Radio sales and service.....                         | 111                           | 10,762.75      | 96.96                  | .47               | ..       | .13      |
| 6. Other home furnishings, appliances .....             | 25                            | 11,482.25      | 459.29                 | .11               | ..       | .14      |
| 7. Electrical appliances and service .....              | 117                           | 21,601.41      | 184.63                 | .49               | ..       | .26      |

**RETAIL SALES TAX: AVERAGE NUMBER OF RETURNS, TOTAL AMOUNT OF TAX COLLECTED, AVERAGE TAX PER RETURN AND PERCENTAGES OF TOTALS, BY BUSINESS CLASSIFICATIONS, FOR 1941, WITH COMPARATIVE TOTALS FOR PREVIOUS YEARS—Continued**

| KIND OF BUSINESS      | Yearly Average No. of Returns | Tax Collected | Average Tax Per Return | Per Cent of Total |          |          |
|-----------------------|-------------------------------|---------------|------------------------|-------------------|----------|----------|
|                       |                               |               |                        | No. of Returns    | Tax Paid |          |
|                       |                               |               |                        |                   | Rank     | Per Cent |
| 8. Upholsterers ..... | 6                             | \$ 288.08     | \$ 48.01               | .03               | ..       | ...      |
| Total, 1941.....      | 731                           | \$ 277,736.12 | \$ 379.94              | 3.08              | 9        | 3.32     |
| Total, 1940.....      | 695                           | 230,587.29    | 331.74                 | 3.08              | 9        | 3.13     |
| Total, 1939.....      | 677                           | 212,786.21    | 314.31                 | 2.79              | 9        | 2.96     |
| Total, 1938.....      | 674                           | 189,172.21    | 280.67                 | 2.67              | 9        | 2.89     |
| Total, 1937.....      | 645                           | 220,334.68    | 342.13                 | 2.57              | 9        | 3.15     |
| Total, 1936.....      | 574                           | 187,531.74    | 326.71                 | 2.44              | 9        | 3.01     |
| Total, 1935*.....     | 506                           | 106,357.73    | 210.19                 | 2.29              | 9        | 2.54     |

**GENERAL MERCHANDISE GROUP:**

|  |       |                |             |       |    |       |
|--|-------|----------------|-------------|-------|----|-------|
| 1. Department stores.....  | 22    | \$ 319,382.34  | \$14,517.38 | .09   | .. | 3.82  |
| 2. Drug stores.....  | 671   | 261,345.51     | 389.49      | 2.83  | .. | 3.13  |
| 3. Dry goods stores.....   | 132   | 112,579.17     | 852.87      | .56   | .. | 1.35  |
| 4. General stores.....   | 597   | 665,841.89     | 1,115.31    | 2.52  | .. | 7.97  |
| 5. Hardware, paints, oils, varnishes .....                                 | 245   | 121,288.52     | 495.06      | 1.03  | .. | 1.45  |
| 6. Jewelry stores.....   | 240   | 82,309.61      | 342.96      | 1.01  | .. | .99   |
| 7. Leather, leather goods, saddlery .....                                  | 28    | 5,314.54       | 189.81      | .12   | .. | .06   |
| 8. Second hand stores, pawn brokers, junk yards.....                       | 121   | 14,775.70      | 122.11      | .51   | .. | .18   |
| 9. Sporting goods, tents, awnings .....                                    | 75    | 25,322.45      | 337.63      | .32   | .. | .30   |
| 10. Variety, 5 and 10 specialty stores, oil paintings, pottery, keys ..... | 290   | 175,920.91     | 606.62      | 1.23  | .. | 2.11  |
| 11. Other general merchandise stores .....                                 | 32    | 11,756.66      | 367.40      | .14   | .. | .14   |
| Total, 1941.....   | 2,453 | \$1,795,837.30 | \$ 732.10   | 10.36 | 2  | 21.50 |
| Total, 1940.....   | 2,414 | 1,593,908.57   | 660.28      | 10.69 | 2  | 21.62 |
| Total, 1939.....   | 2,588 | 1,586,172.41   | 612.90      | 10.68 | 2  | 22.03 |
| Total, 1938.....   | 2,662 | 1,500,705.51   | 563.75      | 10.55 | 2  | 22.90 |
| Total, 1937.....   | 2,757 | 1,646,342.49   | 597.37      | 11.01 | 2  | 23.57 |
| Total, 1936.....   | 2,783 | 1,482,498.84   | 532.70      | 11.82 | 2  | 23.76 |
| Total, 1935*.....  | 2,686 | 1,028,320.51   | 382.84      | 12.14 | 2  | 24.53 |

**JOBBER'S, MERCHANDISE, GENERAL SPECIAL:**

|                   |    |              |           |     |    |     |
|-------------------|----|--------------|-----------|-----|----|-----|
| Total, 1941.....  | 64 | \$ 26,202.05 | \$ 409.41 | .27 | 12 | .31 |
| Total, 1940.....  | 70 | 25,779.11    | 368.27    | .31 | 12 | .35 |
| Total, 1939.....  | 87 | 36,955.43    | 424.77    | .36 | 12 | .51 |
| Total, 1938.....  | 96 | 24,055.22    | 250.58    | .38 | 12 | .37 |
| Total, 1937.....  | 93 | 27,128.15    | 291.70    | .37 | 12 | .39 |
| Total, 1936.....  | 84 | 22,341.14    | 265.97    | .35 | 12 | .36 |
| Total, 1935*..... | 77 | 11,615.00    | 150.84    | .35 | 12 | .28 |

**LUMBER AND BUILDING GROUP:**

|   |       |               |           |      |    |      |
|---|-------|---------------|-----------|------|----|------|
| 1. Building and construction contractors, painters and decorators ..... | 933   | \$ 108,785.04 | \$ 116.60 | 3.94 | .. | 1.30 |
| 2. Building hardware and machinery .....                                | 16    | 11,719.46     | 732.47    | .07  | .. | .14  |
| 3. Building material dealers...   | 328   | 225,871.98    | 688.63    | 1.38 | .. | 2.70 |
| 4. Electrical equipment supplies .....                                  | 148   | 99,313.86     | 671.04    | .62  | .. | 1.19 |
| 5. Paint, glass and wall paper stores .....                             | 77    | 16,591.33     | 215.47    | .33  | .. | .20  |
| 6. Plumbing, heating, air conditioning, tin shops, furnace shops .....  | 358   | 55,156.69     | 154.07    | 1.51 | .. | .66  |
| 7. Other lumber and building supplies .....                             | 48    | 19,000.51     | 395.84    | .20  | .. | .23  |
| Total, 1941.....  | 1,908 | \$ 536,438.87 | \$ 281.15 | 8.05 | 7  | 6.42 |
| Total, 1940.....  | 1,822 | 465,658.05    | 255.58    | 8.07 | 6  | 6.32 |
| Total, 1939.....  | 1,836 | 432,543.48    | 235.59    | 7.57 | 7  | 6.01 |
| Total, 1938.....  | 1,828 | 364,423.65    | 199.36    | 7.25 | 7  | 5.56 |
| Total, 1937.....  | 1,348 | 387,711.16    | 287.62    | 5.39 | 7  | 5.55 |

**RETAIL SALES TAX: AVERAGE NUMBER OF RETURNS, TOTAL AMOUNT OF TAX COLLECTED, AVERAGE TAX PER RETURN AND PERCENTAGES OF TOTALS, BY BUSINESS CLASSIFICATIONS, FOR 1941, WITH COMPARATIVE TOTALS FOR PREVIOUS YEARS—Continued**

| KIND OF BUSINESS  | Yearly Average No. of Returns | Tax Collected | Average Tax Per Return | Per Cent of Total |               |          |
|---|-------------------------------|---------------|------------------------|-------------------|---------------|----------|
|   |                               |               |                        | No. of Returns    | Tax Paid Rank | Per Cent |
| Total, 1936.....  | 997                           | \$ 297,125.49 | \$ 298.02              | 4.24              | 7             | 4.76     |
| Total, 1935*.....   | 911                           | 175,282.03    | 192.41                 | 4.12              | 7             | 4.18     |
| <b>PROFESSIONAL and PERSONAL SERVICE GROUP:</b>   |                               |               |                        |                   |               |          |
| 1. Auctioneers, comm. dealers, sales barns.....   | 43                            | \$ 4,961.22   | \$ 115.38              | .18               | ..            | .06      |
| 2. Barber and beauty shops and sales.....   | 307                           | 9,960.82      | 32.45                  | 1.30              | ..            | .11      |
| 3. Opticians, optometrists, oculist, sales.....   | 121                           | 21,496.60     | 177.66                 | .51               | ..            | .26      |
| 4. Photographers.....   | 122                           | 11,625.23     | 95.29                  | .51               | ..            | .14      |
| 5. Doctors, dentists, professional, sales.....  | 51                            | 2,532.90      | 49.66                  | .22               | ..            | .03      |
| 6. Neon signs and advertising, others.....  | 41                            | 8,212.13      | 200.30                 | .17               | ..            | .10      |
| Total, 1941.....  | 685                           | \$ 58,788.90  | \$ 85.85               | 2.89              | 10            | .70      |
| Total, 1940.....  | 683                           | 52,622.73     | 77.05                  | 3.03              | 10            | .71      |
| Total, 1939.....  | 1,085                         | 53,442.37     | 49.26                  | 4.48              | 10            | .74      |
| Total, 1938.....  | 1,307                         | 54,451.60     | 41.66                  | 5.18              | 10            | .83      |
| Total, 1937.....  | 1,059                         | 48,604.53     | 45.90                  | 4.23              | 11            | .70      |
| Total, 1936.....  | 670                           | 40,646.81     | 60.67                  | 2.85              | 11            | .65      |
| Total, 1935*.....   | 614                           | 27,286.40     | 44.44                  | 2.77              | 11            | .65      |
| <b>PUBLIC UTILITY GROUP:</b>  |                               |               |                        |                   |               |          |
| 1. Gas and electric companies.....  | 83                            | \$ 403,514.33 | \$ 4,861.63            | .35               | ..            | 4.83     |
| 2. Railroads.....   | 8                             | 7,999.17      | 999.90                 | .04               | ..            | .09      |
| 3. Telegraph.....   | 9                             | 4,315.61      | 479.51                 | .04               | ..            | .05      |
| 4. Telephone.....   | 57                            | 158,325.01    | 2,777.63               | .24               | ..            | 1.90     |
| 5. Water in containers.....   | 15                            | 1,187.48      | 79.17                  | .06               | ..            | .01      |
| 6. All other public utilities.....  | 5                             | 439.56        | 87.91                  | .02               | ..            | .01      |
| Total, 1941.....  | 177                           | \$ 575,781.16 | \$ 3,253.00            | .75               | 4             | 6.89     |
| Total, 1940.....  | 171                           | 550,322.91    | 3,218.26               | .76               | 4             | 7.47     |
| Total, 1939.....  | 193                           | 528,545.03    | 2,738.58               | .80               | 4             | 7.34     |
| Total, 1938.....  | 183                           | 498,834.36    | 2,725.87               | .73               | 4             | 7.61     |
| Total, 1937.....  | 191                           | 497,866.24    | 2,606.63               | .76               | 5             | 7.12     |
| Total, 1936.....  | 183                           | 451,717.18    | 2,468.40               | .78               | 5             | 7.24     |
| Total, 1935*.....   | 163                           | 284,595.36    | 1,745.98               | .74               | 5             | 6.79     |
| <b>UNCLASSIFIED RETAIL GROUP:</b>   |                               |               |                        |                   |               |          |
| 1. Blacksmith, machine shops, welders, sales.....                                       | 187                           | \$ 12,205.94  | \$ 65.27               | .79               | ..            | .15      |
| 2. Books, stationery, school supplies.....  | 132                           | 26,072.43     | 197.52                 | .56               | ..            | .31      |
| 3. Cigar stores, smokers' supplies.....   | 107                           | 6,739.49      | 62.99                  | .45               | ..            | .08      |
| 4. Clubs.....   | 53                            | 11,080.50     | 209.07                 | .22               | ..            | .13      |
| 5. Coal, wood, fuel, ice dealers.....   | 844                           | 170,823.98    | 202.40                 | 3.56              | ..            | 2.04     |
| 6. Farm implements and machinery.....   | 168                           | 114,563.45    | 681.93                 | .71               | ..            | 1.37     |
| 7. Flour, feed, seeds, grain, fertilizer.....   | 246                           | 42,971.96     | 174.68                 | 1.04              | ..            | .51      |
| 8. Flowers, bulbs, plants, nursery stocks.....  | 215                           | 34,466.94     | 160.31                 | .91               | ..            | .41      |
| 9. Magazines, periodicals.....  | 29                            | 1,792.02      | 61.79                  | .12               | ..            | .02      |
| 10. Monuments and tomb stones.....  | 45                            | 7,153.11      | 158.96                 | .19               | ..            | .09      |
| 11. Office equipment and supplies.....  | 89                            | 32,924.68     | 369.94                 | .38               | ..            | .39      |
| 12. Recreation parlors, night clubs, sales.....   | 329                           | 9,275.13      | 28.19                  | 1.39              | ..            | .11      |
| 13. Surgical and scientific instrument dealers.....                                     | 26                            | 12,197.97     | 469.15                 | .11               | ..            | .15      |
| 14. Undertakers and funeral parlors.....  | 126                           | 21,536.50     | 170.92                 | .53               | ..            | .26      |
| 15. Store fixtures, pet shops, kennels, brooms, all others not elsewhere specified..... | 131                           | 17,878.96     | 136.48                 | .55               | ..            | .22      |
| 16. Concessioners.....  | 818                           | 37,276.59     | 45.57                  | 3.46              | ..            | .45      |

**RETAIL SALES TAX: AVERAGE NUMBER OF RETURNS, TOTAL AMOUNT OF TAX COLLECTED, AVERAGE TAX PER RETURN AND PERCENTAGES OF TOTALS, BY BUSINESS CLASSIFICATIONS, FOR 1941, WITH COMPARATIVE TOTALS FOR PREVIOUS YEARS—Continued**

| KIND OF BUSINESS   | Yearly Average No. of Returns | Tax Collected  | Average Tax Per Return | Per Cent of Total |          |          |
|--|-------------------------------|----------------|------------------------|-------------------|----------|----------|
|  |                               |                |                        | No. of Returns    | Tax Paid |          |
|  |                               |                |                        |                   | Rank     | Per Cent |
| 17. Candy, pop corn, vending machines in theatres.....                   | 22                            | \$ 1,612.52    | \$ 73.30               | .09               | ..       | .02      |
| Total, 1941.....   | 3,567                         | \$ 560,572.17  | \$ 157.16              | 15.06             | 5        | 6.71     |
| Total, 1940.....   | 2,807                         | 451,611.58     | 160.89                 | 12.44             | 7        | 6.13     |
| Total, 1939.....   | 2,990                         | 454,727.83     | 152.08                 | 12.34             | 6        | 6.32     |
| Total, 1938.....   | 3,073                         | 422,152.60     | 137.37                 | 12.18             | 6        | 6.44     |
| Total, 1937.....   | 3,046                         | 455,678.99     | 149.70                 | 12.16             | 6        | 6.52     |
| Total, 1936.....   | 2,838                         | 410,358.84     | 144.59                 | 12.06             | 6        | 6.57     |
| Total, 1935*.....  | 2,676                         | 264,367.99     | 98.79                  | 12.09             | 6        | 6.31     |
| <b>FARM AND GARDEN PRODUCT GROUP:</b>                                    |                               |                |                        |                   |          |          |
| 1. Direct sales of farm products.....                                    | 675                           | \$ 42,382.26   | \$ 62.79               | 2.85              | ..       | .51      |
| 2. Hatcheries and supplies.....  | 46                            | 3,247.76       | 70.60                  | .20               | ..       | .04      |
| 3. Livestock.....  | 15                            | 840.29         | 56.02                  | .06               | ..       | .01      |
| Total, 1941.....   | 736                           | \$ 46,470.31   | \$ 63.14               | 3.11              | 11       | .56      |
| Total, 1940.....   | 809                           | 45,369.33      | 56.08                  | 3.58              | 11       | .61      |
| Total, 1939.....   | 993                           | 48,659.98      | 49.00                  | 4.09              | 11       | .67      |
| Total, 1938.....   | 1,299                         | 49,799.16      | 38.34                  | 5.15              | 11       | .76      |
| Total, 1937.....   | 1,677                         | 52,933.98      | 31.56                  | 6.70              | 10       | .76      |
| Total, 1936.....   | 1,695                         | 52,814.96      | 31.16                  | 7.20              | 10       | .84      |
| Total, 1935*.....  | 1,941                         | 44,539.40      | 22.95                  | 8.77              | 10       | 1.06     |
| <b>MANUFACTURING, TRADING OR JOBBING:</b>                                |                               |                |                        |                   |          |          |
| 1. Beverages, liquor.....  | 137                           | \$ 6,028.58    | \$ 44.00               | .58               | ..       | .07      |
| 2. Chemicals and products, pest control, explosives, cleaning fluid..... | 79                            | 19,827.50      | 250.98                 | .33               | ..       | .24      |
| 3. Food and food preparations.....                                       | 44                            | 4,079.33       | 92.71                  | .19               | ..       | .05      |
| 4. Leather and leather products.....                                     | 9                             | 5,044.43       | 560.49                 | .04               | ..       | .06      |
| 5. Lumber and wood products, saw mills, mine props.....                  | 153                           | 28,743.79      | 187.87                 | .65               | ..       | .35      |
| 6. Machinery, implements, tools, beverage coolers.....                   | 131                           | 148,059.39     | 1,130.22               | .56               | ..       | 1.77     |
| 7. Metal and metal products.....   | 147                           | 102,293.47     | 695.87                 | .62               | ..       | 1.23     |
| 8. Minerals, assayers, coal mines.....                                   | 173                           | 24,632.30      | 142.38                 | .73               | ..       | .30      |
| 9. Paper, pulp and products.....   | 21                            | 9,111.23       | 433.87                 | .09               | ..       | .11      |
| 10. Petroleum, petroleum products.....                                   | 62                            | 33,219.32      | 535.80                 | .26               | ..       | .40      |
| 11. Printing, publishing and book binding.....                           | 303                           | 22,031.45      | 72.71                  | 1.28              | ..       | .26      |
| 12. Rubber and rubber goods.....   | 10                            | 12,677.08      | 1,267.71               | .04               | ..       | .15      |
| 13. Stone, clay, sand and gravel products.....                           | 87                            | 21,270.26      | 244.49                 | .37               | ..       | .25      |
| 14. Mattress renovating.....   | 53                            | 9,164.47       | 172.92                 | .22               | ..       | .11      |
| 15. Miscellaneous.....   | 37                            | 5,333.33       | 144.14                 | .15               | ..       | .06      |
| 17. Veterinary supplies, soap products.....                              | 1                             | 111.46         | 111.46                 | ...               | ..       | ...      |
| Total, 1941.....   | 1,447                         | \$ 451,627.39  | \$ 312.11              | 6.11              | 8        | 5.41     |
| Total, 1940.....   | 1,432                         | 375,062.53     | 261.98                 | 6.34              | 8        | 5.09     |
| Total, 1939.....   | 1,559                         | 373,085.09     | 239.31                 | 6.43              | 8        | 5.18     |
| Total, 1938.....   | 1,641                         | 309,433.40     | 188.56                 | 6.50              | 8        | 4.72     |
| Total, 1937.....   | 1,585                         | 260,793.71     | 164.54                 | 6.33              | 8        | 3.73     |
| Total, 1936.....   | 1,369                         | 213,637.64     | 156.05                 | 5.82              | 8        | 3.42     |
| Total, 1935*.....  | 1,166                         | 128,415.70     | 110.13                 | 5.27              | 8        | 3.06     |
| Grand total, 1941.....   | 23,688                        | \$8,354,587.41 | \$ 352.68              | 100.00            | ..       | 100.00   |
| Grand total, 1940.....   | 22,574                        | 7,371,463.22   | 326.55                 | 100.00            | ..       | 100.00   |
| Grand total, 1939.....   | 24,238                        | 7,200,691.56   | 297.08                 | 100.00            | ..       | 100.00   |
| Grand total, 1938.....   | 25,229                        | 6,553,854.89   | 259.77                 | 100.00            | ..       | 100.00   |
| Grand total, 1937.....   | 25,040                        | 6,985,545.27   | 278.10                 | 100.00            | ..       | 100.00   |
| Grand total, 1936.....   | 23,539                        | 6,240,798.77   | 265.13                 | 100.00            | ..       | 100.00   |
| Grand total, 1935*.....  | 22,128                        | 4,191,254.39   | 189.41                 | 100.00            | ..       | 100.00   |

\*March 1 to December 31.

†The No. 5 lunch rooms and others have been combined with No. 6.

## SERVICE TAX

An act of the general assembly approved May 14, 1937, known as the Service Tax act, levies a tax of 2 per cent of the value of services rendered for a valuable consideration by any person engaged in any business or occupation designated in the law when said act or service is rendered, furnished or performed for the ultimate user thereof. The law is administered by the state department of revenue. Each person coming within the provisions of the act is required to obtain an annual license, for which the fee is \$1 plus 50 cents filing fee for the first license. The original law expired by limitation on June 30, 1939, but was amended in 1939 by the general assembly and extended to June 30, 1941. This was later extended in 1941 by the general assembly to June 30, 1943.

The revenue from the act goes into the general state fund and out of it is appropriated 3 per cent of the proceeds for administrative purposes. The tax applies on amusement enterprises of all kinds; contracting, construction and repair work; all types of service establishments; hotels and apartment houses and cottage camps with facilities for 10 or more persons; professional, technical or scientific services; and various trades and professions not subject to the sales tax. The act was amended May 1, 1939, to exempt medical and health services from the tax.

The director of the department is empowered to make the rules and regulations for the administering of the act and to require monthly reports. The licensee is authorized to retain 3 per cent of the tax collected for expenses connected therewith.

Net service taxes collected by calendar years, per capita tax, based on the 1940 census and percentage of increase or decrease over preceding year, are as follows:

| Year  | Amount     | Per Capita | % Increase |
|-------|------------|------------|------------|
| 1937* | \$ 646,626 | \$0.62     | ...        |
| 1938  | 1,295,822  | 1.16       | ...        |
| 1939  | 1,270,204  | 1.13       | -1.98      |
| 1940  | 1,204,809  | 1.07       | -5.15      |
| 1941  | 1,316,456  | 1.17       | 8.47       |

\*May 15-December 31.

(—) Decrease.

Tables published herewith include the following:

Average number of returns, amount of tax collected, average tax per return and percentages, by service groups, for the calendar year of 1941, with the

group totals for the same items for preceding years.

Amount of tax collected, total, per return and per capita, for the calendar year of 1941, and totals for 1940, 1939 and 1938, by counties.

## STATE REVENUE IN FISCAL YEAR 1942

The following table, with amounts adjusted to nearest thousand (000 omitted) shows total revenue collected by the state department of revenue for the fiscal year ending June 30, 1942, by amounts, per cent of each class to total revenue and percentage change compared with the 1941 fiscal year. The figures are not comparable with other tables published herewith, which are for calendar years and are presented to show distribution of revenues by classes.

| Source                                 | Amount 1942 | % of Total Rev. | % Increase |
|--|-------------|-----------------|------------|
| <b>Sales taxes:</b>                    |             |                 |            |
| Gasoline                               | \$ 9,915    | 28.9            | .6         |
| General sales                          | 8,545       | 25.0            | 10.3       |
| General use                            | 411         | 1.2             | -7.9       |
| Alcoholic beverages                    | 2,589       | 7.5             | 13.4       |
| Total                                  | \$21,460    | 62.6            | 5.6        |
| <b>Motor vehicles and operators:</b>   |             |                 |            |
| Motor vehicle licenses                 | \$ 2,448    | 7.1             | .3         |
| Engine numbers                         | 2           | ---             | -1.3       |
| Permit and inspection fees             | 30          | .1              | -20.1      |
| Title fees                             | 45          | .2              | -15.9      |
| Operators' and chauffeurs' licenses    | 114         | .3              | 23.7       |
| <b>Public utility carriers:</b>        |             |                 |            |
| Private H. B. 173                      | 119         | .3              | 10.1       |
| Commercial S. B. 296                   | 453         | 1.3             | 3.4        |
| Common H. B. 430                       | 367         | 1.1             | 33.5       |
| P. U. C. fees general revenue          | 9           | ---             | 7.9        |
| Inter-county motor carriers            | 62          | .2              | -3.4       |
| Total                                  | \$ 3,649    | 10.6            | 3.7        |
| <b>Income taxes:</b>                   |             |                 |            |
| Inheritance tax (old age pension fund) | \$ 4,328    | 12.6            | 21.6       |
| Inheritance tax                        | 89          | .3              | 13.0       |
| Gift tax                               | 831         | 2.4             | -8.7       |
| General sales tax                      | 280         | .8              | 116.6      |
| Other businesses and occupations:      | 1,384       | 4.0             | 12.2       |
| Insurance                              | 942         | 2.7             | -18.6      |
| Alcoholic beverage                     | 171         | .5              | -13.2      |
| 85% local liquor                       | 343         | 1.0             | -47.6      |
| Store licenses                         | 146         | .4              | -10.3      |
| Corporation tax                        | 104         | .3              | -1.1       |
| Bank commissioner fees                 | 45          | .1              | 7.2        |
| All others                             | 358         | 1.1             | 2.2        |
| Total                                  | \$ 2,109    | 6.1             | -21.0      |
| Other revenues                         | 191         | .6              | 12.5       |
| Total state revenue                    | \$34,320    | 100.0           | 5.3        |

**SERVICE TAX: TOTAL AMOUNT AND AMOUNT PER AVERAGE RETURN AND PER CAPITA COLLECTED IN 1941, AND COMPARATIVE TOTALS FOR 1940, 1939 AND 1938, BY COUNTIES AND SPECIFIED GROUPS FOR THE STATE**

(Source: State Department of Revenue)

| COUNTY                                    | 1941           |                   |                   | 1940           | 1939           | 1938           |
|---|----------------|-------------------|-------------------|----------------|----------------|----------------|
|   | Total Amount   | Amount Per Return | Amount Per Capita |                |                |                |
| Adams                                     | \$ 9,312.14    | \$ 51.17          | \$ 0.41           | \$ 6,696.81    | \$ 6,594.11    | \$ 6,746.12    |
| Alamosa                                   | 9,887.71       | 67.26             | .94               | 9,599.34       | 10,874.03      | 8,701.01       |
| Arapahoe                                  | 17,870.60      | 55.33             | .56               | 12,166.46      | 10,919.61      | 10,611.73      |
| Archuleta                                 | 1,142.28       | 47.60             | .30               | 1,103.15       | 1,290.32       | 1,441.34       |
| Baca                                      | 2,268.53       | 36.01             | .37               | 1,968.81       | 1,784.44       | 1,670.72       |
| Bent                                      | 4,108.18       | 37.69             | .43               | 3,910.02       | 3,124.28       | 3,414.98       |
| Boulder                                   | 29,314.21      | 63.31             | .78               | 28,996.88      | 29,928.76      | 35,985.57      |
| Chaffee                                   | 5,251.24       | 33.45             | .65               | 5,058.07       | 6,920.20       | 7,641.83       |
| Cheyenne                                  | 904.13         | 23.18             | .31               | 915.14         | 946.57         | 1,205.82       |
| Clear Creek                               | 3,718.67       | 57.21             | .98               | 2,783.61       | 3,024.74       | 3,216.31       |
| Conejos                                   | 2,461.41       | 37.29             | .21               | 2,111.73       | 2,390.99       | 2,763.32       |
| Costilla                                  | 724.52         | 28.98             | .10               | 689.90         | 819.44         | 675.92         |
| Crowley                                   | 1,700.09       | 35.42             | .31               | 1,459.22       | 1,809.36       | 1,708.57       |
| Custer                                    | 312.51         | 15.63             | .14               | 397.95         | 411.89         | 435.76         |
| Delta                                     | 7,082.24       | 34.05             | .43               | 7,081.42       | 9,033.01       | 9,238.90       |
| Denver                                    | 655,599.10     | 131.81            | 2.03              | 602,886.15     | 624,877.45     | 624,692.09     |
| Dolores                                   | 331.98         | 18.44             | .17               | 181.68         | 147.08         | 192.71         |
| Douglas                                   | 1,015.34       | 28.20             | .29               | 635.80         | 755.52         | 762.54         |
| Eagle                                     | 1,830.22       | 31.02             | .34               | 1,668.46       | 1,612.85       | 1,716.02       |
| Elbert                                    | 931.88         | 25.89             | .17               | 899.66         | 996.32         | 1,253.93       |
| El Paso                                   | 83,852.97      | 90.07             | 1.55              | 78,263.52      | 90,674.91      | 96,922.27      |
| Fremont                                   | 10,189.61      | 46.32             | .52               | 10,272.84      | 11,934.63      | 11,639.85      |
| Garfield                                  | 9,743.73       | 56.32             | .92               | 9,607.34       | 9,235.26       | 10,338.83      |
| Gilpin                                    | 360.86         | 30.07             | .22               | 408.57         | 363.12         | 323.57         |
| Grand                                     | 4,191.08       | 55.88             | 1.17              | 3,500.78       | 4,985.56       | 2,696.71       |
| Gunnison                                  | 5,316.67       | 49.67             | .86               | 5,209.27       | 4,991.42       | 4,858.03       |
| Hinsdale                                  | 468.11         | 46.31             | 1.34              | 511.64         | 317.92         | 221.37         |
| Huerfano                                  | 5,929.33       | 32.94             | .37               | 5,928.98       | 6,895.15       | 7,502.28       |
| Jackson                                   | 827.76         | 39.42             | .46               | 674.98         | 695.77         | 808.30         |
| Jefferson                                 | 23,145.17      | 82.66             | .75               | 19,857.02      | 16,303.59      | 15,390.47      |
| Kiowa                                     | 710.48         | 29.60             | .25               | 620.75         | 644.73         | 629.26         |
| Kit Carson                                | 2,588.68       | 32.36             | .34               | 2,364.81       | 2,741.49       | 3,102.75       |
| Lake                                      | 4,168.36       | 47.37             | .61               | 4,518.24       | 5,374.32       | 6,110.77       |
| La Plata                                  | 10,416.06      | 56.91             | .67               | 10,023.31      | 11,726.32      | 11,244.27      |
| Larimer                                   | 31,941.86      | 66.13             | .90               | 29,674.06      | 33,206.19      | 33,152.37      |
| Las Animas                                | 15,323.54      | 48.34             | .47               | 13,414.85      | 13,205.00      | 20,507.86      |
| Lincoln                                   | 3,063.93       | 30.95             | .52               | 2,683.70       | 2,888.06       | 3,181.04       |
| Logan                                     | 11,068.87      | 57.95             | .60               | 10,166.45      | 11,923.67      | 12,349.65      |
| Mesa                                      | 25,351.73      | 63.38             | .75               | 26,326.39      | 27,721.98      | 28,599.02      |
| Mineral                                   | 476.42         | 36.65             | .49               | 607.15         | 572.29         | 574.59         |
| Moitaf                                    | 6,083.17       | 75.10             | 1.20              | 3,802.92       | 3,605.44       | 2,887.68       |
| Montezuma                                 | 4,013.16       | 44.10             | .38               | 3,798.36       | 3,812.67       | 3,936.55       |
| Montrose                                  | 9,180.45       | 61.20             | .60               | 8,550.10       | 8,734.21       | 9,376.60       |
| Morgan                                    | 10,739.91      | 51.14             | .62               | 10,245.96      | 10,948.57      | 11,814.19      |
| Otero                                     | 15,526.85      | 53.73             | .66               | 12,758.90      | 15,700.92      | 17,070.35      |
| Ouray                                     | 1,220.35       | 42.08             | .58               | 1,012.42       | 1,152.11       | 1,325.76       |
| Park                                      | 1,585.82       | 31.09             | .48               | 1,810.35       | 1,716.86       | 2,216.07       |
| Phillips                                  | 2,582.19       | 35.86             | .52               | 2,352.28       | 2,590.29       | 2,883.61       |
| Pitkin                                    | 586.19         | 34.48             | .32               | 577.34         | 655.34         | 745.96         |
| Prowers                                   | 8,229.20       | 49.87             | .67               | 7,368.73       | 6,910.62       | 7,847.91       |
| Pueblo                                    | 75,901.75      | 91.23             | 1.10              | 58,748.67      | 65,156.46      | 63,756.93      |
| Rio Blanco                                | 1,822.06       | 44.44             | .62               | 1,501.43       | 1,745.84       | 1,691.89       |
| Rio Grande                                | 6,655.06       | 42.94             | .54               | 6,206.20       | 7,227.23       | 7,089.99       |
| Routt                                     | 6,578.75       | 58.22             | .63               | 5,056.65       | 4,920.48       | 4,738.78       |
| Saguache                                  | 1,865.46       | 30.58             | .30               | 1,796.60       | 2,129.36       | 2,153.41       |
| San Juan                                  | 912.08         | 45.60             | .63               | 890.87         | 944.08         | 1,210.82       |
| San Miguel                                | 1,218.37       | 43.51             | .33               | 1,312.56       | 1,308.07       | 1,186.52       |
| Sedgwick                                  | 2,510.65       | 39.23             | .47               | 2,088.84       | 2,762.67       | 2,568.20       |
| Summit                                    | 449.54         | 17.29             | .26               | 472.10         | 363.05         | 263.10         |
| Teller                                    | 3,488.11       | 43.60             | .54               | 3,668.76       | 3,685.76       | 3,604.46       |
| Washington                                | 1,634.67       | 28.18             | .20               | 1,498.96       | 1,715.73       | 1,786.24       |
| Weld                                      | 31,788.77      | 54.43             | .50               | 31,319.06      | 33,440.27      | 36,145.13      |
| Yuma                                      | 4,702.93       | 36.74             | .39               | 4,317.42       | 4,793.07       | 5,193.05       |
| Total, Counties                           | \$1,204,177.69 | \$ 84.24          | \$ 1.07           | \$1,097,000.39 | \$1,160,631.45 | \$1,186,021.65 |
| Chain Stores <sup>1</sup>                 | 73,115.81      | 962.05            | .06               | 72,782.52      | 80,755.07      | 76,235.11      |
| Out of State <sup>1</sup>                 | 32,505.31      | 342.16            | .03               | 29,019.79      | 23,852.14      | 27,395.91      |
| Concessioners <sup>1</sup>                | 6,171.88       | 150.53            | .01               | 5,888.32       | 4,842.52       | 6,083.98       |
| Transient Con-<br>cessioners <sup>1</sup> | 484.92         | 96.98             | ( <sup>2</sup> )  | 118.17         | 73.10          | 85.27          |
| Total, State..                            | \$1,316,455.61 | \$ 90.72          | \$ 1.17           | \$1,204,809.19 | \$1,270,204.28 | \$1,295,821.92 |

<sup>1</sup>Returns from chain stores, and from accounting departments outside of Colorado are not broken down to show receipts per county.

<sup>2</sup>Less than .5 cents.

**SERVICE TAX: AVERAGE NUMBER RETURNS, AMOUNT COLLECTED, AVERAGE AMOUNT PER RETURN, RANK, PER CENT OF TOTAL RETURNS AND PER CENT OF TOTAL TAX, BY SERVICE GROUPS, BY CALENDAR YEARS**

(Source: State Department of Revenue)

| KIND OF BUSINESS   | Yearly<br>Average<br>No. of<br>Returns | Tax<br>Collected | Average<br>Tax Per<br>Return | Per Cent of Total |          |             |
|--|--|------------------|------------------------------|-------------------|----------|-------------|
|  |  |                  |                              | No. of<br>Returns | Tax Paid |             |
|  |  |                  |                              |                   | Rank     | Per<br>Cent |
| <b>BUSINESS SERVICE GROUP:</b>   |  |                  |                              |                   |          |             |
| 1. Adjustment, Credit Collection Bureaus .....   | 60                                     | \$ 8,892.09      | \$ 148.20                    | .41               | ..       | .68         |
| 2. Advertising Agencies, Real Estate Agents .....  | 29                                     | 2,951.29         | 101.77                       | .20               | ..       | .23         |
| 3. Banks, Trust & Finance Companies, Loan Companies, Depositories .....                        | 179                                    | 33,997.86        | 189.93                       | 1.23              | ..       | 2.58        |
| 4. Dental Laboratories .....   | 1                                      | 58.12            | 58.12                        | .01               | ..       | ....        |
| 5. Duplicating, Addressing, Mailing, Circular Distribution, Display Services .....             | 19                                     | 1,349.00         | 71.00                        | .13               | ..       | .10         |
| 6. Employment Agencies .....   | 13                                     | 1,890.82         | 145.45                       | .09               | ..       | .14         |
| 7. Sign Painting Shops, Neon Manufacturing and Service .....                                   | 69                                     | 4,425.54         | 64.14                        | .47               | ..       | .34         |
| 8. Wearing Apparel Supply Shops, Millinery, Apron & Towel Supply Shops, Dry Goods Stores ..... | 88                                     | 16,736.93        | 190.19                       | .61               | ..       | 1.27        |
| 9. Other Business Service, Beauty Shop & Furniture Equipment .....                             | 14                                     | 896.69           | 64.05                        | .10               | ..       | .07         |
| Total, 1941 .....  | 472                                    | \$ 71,198.34     | \$ 150.84                    | 3.25              | 8        | 5.41        |
| Total, 1940 .....  | 458                                    | 68,792.48        | 150.20                       | 3.14              | 8        | 5.71        |
| Total, 1939 .....  | 436                                    | 58,993.48        | 135.31                       | 2.64              | 8        | 4.65        |
| Total, 1938 .....  | 422                                    | 51,968.15        | 123.15                       | 2.33              | 8        | 4.01        |
| Total, 1937* .....   | 364                                    | 24,330.85        | 66.84                        | 2.28              | 8        | 3.76        |
| <b>CUSTOM SERVICE GROUP:</b>   |  |                  |                              |                   |          |             |
| 1. Cabinetmaking, Woodworking  | 19                                     | \$ 1,228.56      | \$ 64.66                     | .13               | ..       | .09         |
| 2. Cemetery, Mausoleums, Monuments .....   | 1                                      | 153.93           | 153.93                       | .01               | ..       | .01         |
| 3. Grist Mills, Seed, Cleaning Plants .....  | 90                                     | 10,633.26        | 118.15                       | .62               | ..       | .81         |
| 4. Hatcheries, Chic, Turkey, etc.  | 8                                      | 143.38           | 17.92                        | .06               | ..       | .01         |
| 5. Hemstitching, Embroidery, Buttonholing .....  | 106                                    | 2,441.89         | 23.04                        | .73               | ..       | .18         |
| 6. Lithographing, Engraving, Linotyping .....  | 1                                      | 250.52           | 250.52                       | .01               | ..       | .02         |
| 7. Machine Shops, Iron & Wire Works, Safes, Tool Sharpening .....                              | 173                                    | 8,109.63         | 46.88                        | 1.19              | ..       | .62         |
| 8. Printing, Publishing, Bookbinding .....   | 287                                    | 30,992.11        | 107.99                       | 1.98              | ..       | 2.35        |
| 9. Saw Mills, Planing Mills...   | 55                                     | 1,874.81         | 34.09                        | .38               | ..       | .14         |
| 10. Tinsmith Shops .....   | 75                                     | 4,962.37         | 66.16                        | .52               | ..       | .38         |
| 11. Warehouse, Storage, Cold Storage .....   | 37                                     | 4,060.43         | 109.74                       | .25               | ..       | .31         |
| 12. Pottery Work, Artificial Limbs, Theatre Equip., other                                      | 37                                     | 3,235.14         | 87.44                        | .25               | ..       | .25         |
| 13. Public Service, Power, Telephone & Telegraph .....   | 22                                     | 767.10           | 34.87                        | .15               | ..       | .06         |
| 14. Sugar & Packing Plants, Hdwr., Dairy Coolers, & Separators, Fruit, Oil, Coal...            | 84                                     | 4,101.03         | 48.82                        | .58               | ..       | .31         |
| Total, 1941 .....  | 995                                    | \$ 72,954.16     | \$ 73.32                     | 6.86              | 7        | 5.54        |
| Total, 1940 .....  | 1,006                                  | 72,806.99        | 72.37                        | 6.90              | 7        | 6.04        |
| Total, 1939 .....  | 1,082                                  | 68,841.95        | 63.62                        | 6.55              | 7        | 5.42        |
| Total, 1938 .....  | 1,150                                  | 68,475.08        | 59.54                        | 6.34              | 7        | 5.28        |
| Total, 1937* .....   | 1,008                                  | 35,740.85        | 35.46                        | 6.32              | 7        | 5.53        |
| <b>PERSONAL SERVICE GROUP:</b>   |  |                  |                              |                   |          |             |
| 1. Automobile Washing & Greasing, Filling Stations...  | 1,404                                  | \$ 24,644.79     | \$ 17.55                     | 9.67              | ..       | 1.87        |
| 2. Barber Shops, Beauty Shops and Parlors.....   | 1,505                                  | 84,976.11        | 56.46                        | 10.37             | ..       | 6.45        |
| 3. Catering, Decorating .....  | 2                                      | 90.25            | 45.12                        | .01               | ..       | .91         |
| 4. Cleaning, Dyeing, Pressing, Alterations, Mattress Renovating, Tailors .....                 | 541                                    | 54,460.45        | 100.67                       | 3.73              | ..       | 4.14        |
| 5. Funeral Directors, Embalmers, Crematories .....   | 9                                      | 95.33            | 10.59                        | .06               | ..       | .01         |
| 6. Laundries .....   | 156                                    | 67,772.29        | 434.43                       | 1.08              | ..       | 5.15        |
| 7. Masseurs, Masseuses, Bath Houses .....  | 2                                      | 79.14            | 39.57                        | .01               | ..       | .01         |
| 8. Photographic Studios, Com-  |  |                  |                              |                   |          |             |

**SERVICE TAX: AVERAGE NUMBER RETURNS, AMOUNT COLLECTED, AVERAGE AMOUNT PER RETURN, RANK, PER CENT OF TOTAL RETURNS AND PER CENT OF TOTAL TAX, BY SERVICE GROUPS, BY CALENDAR YEARS—Continued**

| KIND OF BUSINESS   | Yearly Average No. of Returns | Tax Collected | Average Tax Per Return | Per Cent of Total |          |          |
|--|-------------------------------|---------------|------------------------|-------------------|----------|----------|
|  |                               |               |                        | No. of Returns    | Tax Paid |          |
|  |                               |               |                        |                   | Rank     | Per Cent |
| mercial Artists, Photo Finishing   | 368                           | \$ 16,075.69  | \$ 43.57               | 2.54              | ..       | 1.22     |
| 9. Rug Cleaning, Repairing...  | 11                            | 902.62        | 82.06                  | .08               | ..       | .07      |
| 10. Shoe Repair Shops, Shine Parlors                                       | 372                           | 11,581.98     | 31.13                  | 2.56              | ..       | .88      |
| 11. Window Cleaning, Beer Coil Cleaning, Chimney Sweeping                  | 20                            | 1,809.98      | 90.50                  | .14               | ..       | .14      |
| 12. Taxidermists, other  | 27                            | 2,400.00      | 88.89                  | .19               | ..       | .18      |
| 13. Business Schools, Ranches, Ore Smelting & Refining, Flying Instruction | 12                            | 1,482.89      | 123.57                 | .08               | ..       | .11      |
| 14. Miscellaneous  | 1                             | 19.17         | 19.17                  | .01               | ..       | ....     |
| Total, 1941  | 4,430                         | \$ 266,390.69 | \$ 60.13               | 30.53             | 1        | 20.24    |
| Total, 1940  | 4,476                         | 244,101.89    | 54.54                  | 30.70             | 1        | 20.26    |
| Total, 1939  | 4,866                         | 255,480.94    | 52.50                  | 29.46             | 1        | 20.11    |
| Total, 1938  | 5,103                         | 255,626.88    | 50.08                  | 28.11             | 2        | 19.73    |
| Total, 1937*   | 4,514                         | 140,537.36    | 31.13                  | 28.30             | 1        | 21.73    |
| <b>PROFESSIONAL GROUP:</b>   |                               |               |                        |                   |          |          |
| 1. Abstractors   | 44                            | \$ 8,828.44   | \$ 200.65              | .30               | ..       | .67      |
| 2. Architects  | 35                            | 3,243.97      | 92.68                  | .24               | ..       | .25      |
| 3. Attorneys at Law  | 552                           | 76,019.65     | 137.72                 | 3.80              | ..       | 5.78     |
| 4. Auctioneers & Commission Dealers  | 37                            | 2,394.06      | 64.70                  | .25               | ..       | .18      |
| 5. Chemists, Assayers, Metallurgists                                       | 23                            | 2,190.44      | 95.24                  | .16               | ..       | .17      |
| 6. Chiropodists  | 11                            | 192.72        | 17.52                  | .07               | ..       | .02      |
| 7. Dentists  | 36                            | 2,481.90      | 68.94                  | .25               | ..       | .19      |
| 8. Engineers, Surveys, Geologists  | 37                            | 2,040.30      | 55.14                  | .25               | ..       | .15      |
| 9. Hospitals, Sanitariums  | 12                            | 403.45        | 33.62                  | .08               | ..       | .03      |
| 10. Opticians, Optometrists, Oculists                                      | 9                             | 118.85        | 13.21                  | .06               | ..       | .01      |
| 11. Osteopaths, Chiropractors  | 56                            | 1,032.40      | 18.44                  | .39               | ..       | .08      |
| 12. Physicians, Surgeons   | 81                            | 6,581.48      | 81.24                  | .56               | ..       | .49      |
| 13. Public Accountants   | 287                           | 24,334.35     | 84.79                  | 1.98              | ..       | 1.85     |
| 14. Real Estate Brokers, Notaries Public, Investment Brokers, Pawn Brokers | 246                           | 16,612.82     | 67.53                  | 1.70              | ..       | 1.26     |
| 15. Registered Nurses  | 1                             | 84.24         | 84.24                  | .01               | ..       | .01      |
| 16. Security Dealers   | 9                             | 316.60        | 35.18                  | .06               | ..       | .02      |
| 17. Shorthand Reporters, Public Stenographers                              | 8                             | 288.17        | 36.02                  | .06               | ..       | .02      |
| 18. Veterinarians  | 2                             | 137.58        | 68.79                  | .01               | ..       | .01      |
| 19. Detective Bureaus, others  | 4                             | 316.57        | 79.14                  | .03               | ..       | .02      |
| 20. Tree Trimmers & Sprayers, Wiring Inspectors                            | 4                             | 128.68        | 32.17                  | .03               | ..       | .01      |
| 21. Miscellaneous  | 1                             | 21.27         | 21.27                  | .01               | ..       | ....     |
| Total, 1941  | 1,495                         | \$ 147,767.94 | \$ 98.84               | 10.30             | 6        | 11.22    |
| Total, 1940  | 1,690                         | 143,633.86    | 84.99                  | 11.59             | 6        | 11.92    |
| Total, 1939  | 3,008                         | 254,912.86    | 84.74                  | 18.21             | 2        | 20.07    |
| Total, 1938  | 4,219                         | 324,606.63    | 76.94                  | 23.24             | 1        | 25.05    |
| Total, 1937*   | 3,795                         | 129,247.83    | 34.06                  | 23.79             | 2        | 19.99    |
| <b>RECREATIONAL GROUP:</b>   |                               |               |                        |                   |          |          |
| 1. Amusement Parks, Courses, Courts  | 25                            | \$ 11,745.61  | \$ 469.82              | .17               | ..       | .89      |
| 2. Bands, Orchestras   | 3                             | 214.66        | 71.55                  | .02               | ..       | .02      |
| 3. Billiard, Pool, Bowling Parlors   | 348                           | 18,981.40     | 54.54                  | 2.40              | ..       | 1.44     |
| 4. Circuses, Carnivals, Shows  | 4                             | 909.36        | 227.34                 | .03               | ..       | .07      |
| 5. Dance Halls, Studios & Academies, Music Teachers                        | 100                           | 6,269.67      | 62.70                  | .69               | ..       | .48      |
| 6. Fairs, Races, Games, Slot Machines, Concessions                         | 209                           | 20,473.35     | 97.96                  | 1.44              | ..       | 1.56     |
| 7. Riding Academies  | 23                            | 1,623.29      | 70.58                  | .16               | ..       | .12      |
| 8. Skating Rinks   | 17                            | 1,867.31      | 109.84                 | .11               | ..       | .14      |
| 9. Swimming Pools  | 9                             | 498.61        | 55.40                  | .06               | ..       | .04      |
| 10. Theatres, Motion Pictures, Vaudeville                                  | 133                           | 106,513.56    | 800.85                 | .92               | ..       | 8.09     |
| 11. Clubs, Sightseeing, Tours, Resorts, others                             | 31                            | 3,095.90      | 99.87                  | .21               | ..       | .23      |
| 12. All others not specified, Incidentals                                  | 33                            | 5,847.58      | 177.20                 | .23               | ..       | .44      |
| Total, 1941  | 935                           | \$ 178,040.30 | \$ 190.42              | 6.44              | 5        | 13.52    |
| Total, 1940  | 953                           | 169,741.04    | 178.30                 | 6.53              | 3        | 14.09    |
| Total, 1939  | 1,026                         | 177,616.17    | 173.12                 | 6.21              | 3        | 13.98    |

**SERVICE TAX: AVERAGE NUMBER RETURNS, AMOUNT COLLECTED, AVERAGE AMOUNT PER RETURN, RANK, PER CENT OF TOTAL RETURNS AND PER CENT OF TOTAL TAX, BY SERVICE GROUPS, BY CALENDAR YEARS—Continued**

| KIND OF BUSINESS   | Yearly<br>Average<br>No. of<br>Returns | Tax<br>Collected | Average<br>Tax Per<br>Return | Per Cent of Total |          |             |
|--|--|------------------|------------------------------|-------------------|----------|-------------|
|  |  |                  |                              | No. of<br>Returns | Tax Paid |             |
|  |  |                  |                              |                   | Rank     | Per<br>Cent |
| Total, 1938 .....  | 1,105                                  | \$ 166,468.04    | \$ 150.65                    | 6.09              | 3        | 12.85       |
| Total, 1937* .....   | 952                                    | 94,175.00        | 98.92                        | 5.97              | 4        | 14.56       |
| <b>RENTAL SERVICE GROUP:</b>   |  |                  |                              |                   |          |             |
| 1. Hotels, Inns, Apartment<br>Hotels .....   | 701                                    | \$ 130,384.36    | \$ 186.00                    | 4.83              | ..       | 9.90        |
| 2. Cottage Camps, Lodging<br>Houses .....  | 704                                    | 39,550.05        | 56.18                        | 4.85              | ..       | 3.00        |
| 3. Circulating Libraries (com-<br>mercial) .....   | 2                                      | 8.82             | 4.41                         | .01               | ..       | ....        |
| 4. Automobiles, Trucks, Trail-<br>ers, Bicycles .....  | 9                                      | 3,373.46         | 374.83                       | .06               | ..       | .26         |
| 5. Parking Lots, Auto Hotels.<br>6. Machinery, Palms, Public<br>Address systems, Clothing,<br>other .....  | 79                                     | 7,370.92         | 93.30                        | .55               | ..       | .56         |
| 7. Boats .....   | 62                                     | 4,663.50         | 75.22                        | .43               | ..       | .36         |
|  | 3                                      | 268.22           | 89.40                        | .02               | ..       | .02         |
| Total, 1941 .....  | 1,560                                  | \$ 185,619.33    | \$ 118.99                    | 10.75             | 4        | 14.10       |
| Total, 1940 .....  | 1,521                                  | 164,030.57       | 107.84                       | 10.43             | 4        | 13.61       |
| Total, 1939 .....  | 1,578                                  | 156,908.74       | 99.44                        | 9.55              | 5        | 12.35       |
| Total, 1938 .....  | 1,574                                  | 152,107.02       | 96.64                        | 8.67              | 5        | 11.74       |
| Total, 1937* .....   | 1,587                                  | 95,904.59        | 60.43                        | 9.95              | 3        | 14.83       |
| <b>REPAIR SERVICE GROUP:</b>   |  |                  |                              |                   |          |             |
| 1. Automobile Paint, Top &<br>Body shops .....   | 74                                     | \$ 5,862.02      | \$ 79.22                     | .51               | ..       | .44         |
| 2. Automobile Radiator, Bat-<br>tery Ignition .....  | 63                                     | 2,376.11         | 37.72                        | .43               | ..       | .18         |
| 3. Blacksmith, Machine, Weld-<br>ing shops .....   | 275                                    | 10,901.87        | 39.64                        | 1.90              | ..       | .83         |
| 4. Electrical Appliances, Radio,<br>Refrigerators, Sewing Ma-<br>chines .....                              | 378                                    | 15,604.44        | 41.28                        | 2.61              | ..       | 1.19        |
| 5. Harness, Leather Goods,<br>Saddlery Trunk Mfg. &<br>Repair .....  | 42                                     | 729.31           | 17.36                        | .29               | ..       | .06         |
| 6. Locksmith, Gunsmith, Nov-<br>elty shops .....   | 55                                     | 2,018.19         | 36.69                        | .38               | ..       | .15         |
| 7. Tire Repair shops .....   | 107                                    | 6,098.99         | 57.00                        | .74               | ..       | .46         |
| 8. Upholstery, Furniture, Musi-<br>cal Instruments .....   | 135                                    | 8,405.70         | 62.26                        | .93               | ..       | .64         |
| 9. Vehicle Repairs, Autos, Bi-<br>cycles, Motor Cycles .....   | 1,443                                  | 123,614.05       | 85.66                        | 9.94              | ..       | 9.39        |
| 10. Watch, Clock, Jewelry .....  | 246                                    | 12,252.10        | 49.81                        | 1.70              | ..       | .93         |
| 11. Canvas Goods, Typewriter,<br>Office Equipment .....  | 34                                     | 1,012.88         | 29.76                        | .23               | ..       | .08         |
| Total, 1941 .....  | 2,852                                  | \$ 188,875.66    | \$ 66.23                     | 19.66             | 3        | 14.35       |
| Total, 1940 .....  | 2,809                                  | 163,451.38       | 58.19                        | 19.27             | 5        | 13.57       |
| Total, 1939 .....  | 2,980                                  | 161,262.12       | 54.11                        | 18.04             | 4        | 12.70       |
| Total, 1938 .....  | 3,068                                  | 154,474.48       | 50.35                        | 16.90             | 4        | 11.92       |
| Total, 1937* .....   | 2,676                                  | 87,074.98        | 32.54                        | 16.78             | 5        | 13.47       |
| <b>STRUCTURAL SERVICE GROUP:</b>   |  |                  |                              |                   |          |             |
| 1. Contractors, General, Tile-<br>setters, Carpenters .....  | 901                                    | \$ 138,539.29    | \$ 153.76                    | 6.21              | ..       | 10.53       |
| 2. Contractors, Electrical .....   | 77                                     | 6,092.11         | 79.12                        | .53               | ..       | .46         |
| 3. Contractors, Plumbing &<br>Heating, Air Conditioning ..   | 311                                    | 32,369.73        | 104.08                       | 2.14              | ..       | 2.46        |
| 4. Contractors, Decorators,<br>Wall Paper Cleaning, Paint-<br>ing, Blinds & Shades, Paper<br>Hanging ..... | 390                                    | 18,734.82        | 48.04                        | 2.69              | ..       | 1.42        |
| 5. Contractors, Landscape .....  | 34                                     | 2,108.63         | 62.03                        | .24               | ..       | .16         |
| 6. Insulation, Glazing .....   | 58                                     | 7,755.89         | 133.72                       | .40               | ..       | .59         |
| 7. Trailer Manufacturing .....   | 1                                      | 8.72             | 8.72                         | ....              | ..       | ....        |
| Total, 1941 .....  | 1,772                                  | \$ 205,609.19    | \$ 116.09                    | 12.21             | 2        | 15.62       |
| Total, 1940 .....  | 1,667                                  | 178,250.98       | 106.93                       | 11.44             | 2        | 14.80       |
| Total, 1939 .....  | 1,544                                  | 136,188.02       | 88.20                        | 9.34              | 6        | 10.72       |
| Total, 1938 .....  | 1,510                                  | 122,095.64       | 80.86                        | 8.32              | 6        | 9.42        |
| Total, 1937* .....   | 1,054                                  | 39,614.08        | 37.58                        | 6.61              | 6        | 6.13        |
| Grand total, 1941 .....  | 14,511                                 | \$1,316,455.61   | \$ 90.72                     | 100.00            | ..       | 100.00      |
| Grand total, 1940 .....  | 14,530                                 | 1,204,809.19     | 82.63                        | 100.00            | ..       | 100.00      |
| Grand total, 1939 .....  | 16,520                                 | 1,270,204.28     | 76.89                        | 100.00            | ..       | 100.00      |
| Grand total, 1938 .....  | 18,151                                 | 1,295,821.92     | 71.39                        | 100.00            | ..       | 100.00      |
| Grand total, 1937* .....   | 15,950                                 | 646,625.54       | 40.54                        | 100.00            | ..       | 100.00      |

**USE TAX**

The act of the general assembly, approved June 4, 1937, amending the retail sales tax act of 1935, included a supplementary provision levying a tax of 2 per cent of the retail price on tangible personal property purchased outside of Colorado and brought into the state for storage, use or consumption. This levy is known as the "use" tax and is administered by the department of finance and taxation. The act exempts from the tax tangible personal property subject to the retail sales tax; property purchased for re-sale; motor fuels subject to the state tax; property of non-residents for storage, use or consumption while temporarily within the state; property subject to certain federal taxes; property used in manufacturing processes, and property for the use of the federal or state governments, or subdivisions thereof, or religious or charitable organizations.

The law provides that no license or title certificate for a motor vehicle shall be issued to any person by the constituted authorities of the state unless the storage, use or consumption tax is paid, except that the law does not apply to motor vehicles engaged in interstate commerce.

Provisions are contained in the act for penalties for violation, for monthly reports on tangible personal property in storage in the state, and for the administration of the act. Five per cent of the proceeds of the tax is appropriated for administrative costs.

Net tax collected, by calendar years, is as follows:

| Year  | Amount       |
|-------|--------------|
| 1936* | \$ 35,266.67 |
| 1937  | 101,174.43   |
| 1938  | 181,603.99   |
| 1939  | 345,467.92   |
| 1940  | 375,147.70   |
| 1941  | 469,335.04   |

**STATE INHERITANCE AND GIFT TAXES**

The present state laws levying a tax on transfers of property by inheritance and succession through will or gift or instrument made in contemplation of death, or intended to take effect at or after the death of the maker thereof are the culmination of legislative enactments extending back to 1901. The original act was declared unconstitutional by the supreme court and was reenacted, with changes, at an extra session of the legislature, and since then has been amended or reenacted a number of times down through 1941.

The law is complicated and cannot be reviewed in detail here. It divides

beneficiaries into four classes. Class A includes the father, mother, husband, wife, child, or any lineal descendant. The law allows exemptions of \$20,000 for widows and \$10,000 for all others in this class. The tax amounts to two per cent above the exemptions up to \$50,000 and from four to eight per cent for amounts above that sum. Class B includes the wife or widow of son, husband or widower of daughter, grandparent, brother, sister and mutually acknowledged child. The exemptions in this class amount to \$2,000 and the tax ranges from three to 10 per cent on amounts above the exemption. Class C includes uncle, aunt, niece, nephew, or lineal descendant of same. There is no exemption in this class, but there is no tax on \$500, or less, and the tax rate ranges from four per cent up to 14 per cent. Class D includes all other persons and corporations not exempt. There is no exemption and no tax on \$500 or less. The rate for Class D ranges from seven to 16 per cent.

Inheritance taxes go into the general fund and are a part of the general revenue of the state. An additional 10 per cent is levied upon the net taxable estates, which goes into the old-age pension fund.

A new law, known as the gift tax law, which imposes a tax upon gifts made after its effective date, August 4, 1937, was designed not only as a revenue producer but as a supplement to the inheritance and succession tax laws. It brings within the scope of the law transfers made during life, which could not be established as having been made in contemplation of death. Gifts within the meaning of the law are not confined to transfers of property without consideration, but include also sales and exchanges for less than an adequate or full consideration, the creation of irrevocable trusts for the benefit of others, the income of beneficiaries from such trusts, etc. The amounts of the tax, classes affected and exemptions follow in general the provisions of the inheritance tax laws. It is an annual tax and annual returns are filed on or before March 1 of each year. The revenue from the tax goes into the general fund.

The administration of the inheritance and gift tax law is vested in an inheritance tax commissioner appointed by the attorney general, as an assistant attorney general, charged with the special duty of representing him in all matters connected with the administration and enforcement of the provisions of the law. The commis-

sioner holds office at the pleasure of the attorney general.

Inheritance taxes collected by fiscal years ending November 30 down to 1930 are as follows:

| Year      | Amount        |
|-----------|---------------|
| 1921..... | \$ 500,487.52 |
| 1922..... | 512,687.63    |
| 1923..... | 703,730.82    |
| 1924..... | 864,161.04    |
| 1925..... | 911,210.88    |
| 1926..... | 876,008.95    |
| 1927..... | 674,685.20    |
| 1928..... | 869,407.88    |
| 1929..... | 938,609.40    |
| 1930..... | 1,126,377.20  |

Inheritance tax collections after 1930, the 10 per cent collections for

the old age pension fund and gift tax collections for fiscal years ending June 30, beginning with 1931, are shown in the accompanying table.

An amendment approved May 16, 1933, provided for the taxation of intangibles of non-residents only in the event no tax is paid the domiciliary state on same; the taxation of all proceeds of life insurance policies in excess of \$75,000; exemption from taxation of gifts for charitable, educational and religious purposes only when they are limited exclusively for use in the state of Colorado, and other changes of lesser importance.

#### STATE INHERITANCE AND GIFT TAXES: COLLECTIONS BY CLASSES FOR FISCAL YEARS ENDING JUNE 30, 1931 TO 1941, INCLUSIVE

(Source: State Inheritance Tax Commissioner)

Note—Totals in last column are exclusive of fees collected upon closing an estate. These go into the general fund. Fees collected in 1941 amounted to \$14,274.31.

| YEAR       | Inheritance Tax | Old Age Pensions | Gift Tax     | Total           |
|------------|-----------------|------------------|--------------|-----------------|
| 1931.....  | \$ 999,510.51   | .....            | .....        | \$ 999,510.51   |
| 1932.....  | 756,497.19      | .....            | .....        | 756,497.19      |
| 1933.....  | 452,981.64      | .....            | .....        | 452,981.64      |
| 1934.....  | 1,119,676.27    | \$ 10,629.67     | .....        | 1,130,305.94    |
| 1935.....  | 526,627.21      | 24,503.55        | .....        | 551,130.76      |
| 1936.....  | 717,091.67      | 72,348.30        | .....        | 789,439.97      |
| 1937.....  | 937,678.31      | 59,022.49        | .....        | 996,700.80      |
| 1938.....  | 1,081,623.52    | 100,825.73       | \$130,363.84 | 1,312,813.09    |
| 1939.....  | 819,770.44      | 76,348.70        | 47,707.18    | 943,826.32      |
| 1940.....  | 1,029,076.77    | 143,633.98       | 34,165.73    | 1,206,876.48    |
| 1941.....  | 1,074,922.59    | 120,333.91       | 159,378.65   | 1,354,635.15    |
| Total..... | \$9,515,456.12  | \$607,646.33     | \$371,615.40 | \$10,494,717.85 |

## U. S. Internal Revenue

Corporation and Individual Income Taxes, Sources of Income, Returns Filed, Net Income by Industrial Groups, Occupational Taxes, Gifts and Estate Taxes

UNITED States internal revenue from taxes on incomes and miscellaneous taxes is collected through the commissioner of internal revenue of the treasury department. The country is divided into districts with a collector of internal revenue in charge of each district. The Colorado district is co-extensive with the state of Colorado and the collector's office is at Denver. Tax receipts are credited to the districts in which collections are made. The receipts do not indicate the total tax burden of the respective districts, since the taxes may be eventually borne by persons and corporations in other districts. Laws imposing taxes

on business and incomes and the rates of taxation are subject to frequent changes by congressional action and for that reason yearly figures are not strictly comparable.

Internal revenue collections in the Colorado district from all sources in the 29-year period ending June 30, 1941, amounted to \$488,692,796. The annual amounts vary from a minimum of \$943,793 in 1913 to a maximum of \$41,542,179 in 1941. The maximum in years prior to the second world war was \$35,727,957 in 1920, following the close of the first world war.

Total revenue receipts from all sources for the Colorado district, with

percentages of increase or decrease over preceding year, by fiscal years ending June 30, are as follows:

| Year  | Amount        | Per Cent |          |
|-------|---------------|----------|----------|
|       |               | Inc. (+) | Dec. (-) |
| 1913  | \$ 943,793    | ....     | ....     |
| 1914  | 1,079,884     | +13      |          |
| 1915  | 1,509,773     | +28      |          |
| 1916  | 1,665,031     | +9       |          |
| 1917  | 3,184,643     | +48      |          |
| 1918  | 25,004,665    | +87      |          |
| 1919  | 21,621,109    | -14      |          |
| 1920  | 35,727,957    | +39      |          |
| 1921  | 34,214,956    | -4       |          |
| 1922  | 19,956,650    | -42      |          |
| 1923  | 15,988,678    | -30      |          |
| 1924  | 15,228,016    | -5       |          |
| 1925  | 14,215,162    | -7       |          |
| 1926  | 14,830,350    | +4       |          |
| 1927  | 13,473,226    | -9       |          |
| 1928  | 11,879,300    | -12      |          |
| 1929  | 11,539,236    | -3       |          |
| 1930  | 12,468,450    | +8       |          |
| 1931  | 15,667,230    | +26      |          |
| 1932  | 5,394,271     | -66      |          |
| 1933  | 5,704,332     | +6       |          |
| 1934  | 10,503,757    | +84      |          |
| 1935  | 12,567,225    | +20      |          |
| 1936  | 15,823,175    | +26      |          |
| 1937  | 22,158,562    | +40      |          |
| 1938  | 34,282,574    | +55      |          |
| 1939  | 34,598,282    | +1       |          |
| 1940  | 35,920,330    | +4       |          |
| 1941  | 41,542,179    | +16      |          |
| Total | \$488,692,796 |          |          |

The largest proportion of internal revenue generally comes from the tax on incomes of individuals, corporations and partnerships, but in 1934 and 1935, and again in 1939, 1940 and 1941, the percentages of revenue derived from sources other than income exceeded the latter.

The percentages of income and miscellaneous taxes, by years, are as follows:

| Year | Per Cent |       |
|------|----------|-------|
|      | Income   | Misc. |
| 1929 | 95.7     | 4.3   |
| 1930 | 96.6     | 3.4   |
| 1931 | 100.0    | ..    |
| 1932 | 95.4     | 4.6   |
| 1933 | 67.1     | 32.9  |
| 1934 | 34.1     | 65.9  |
| 1935 | 27.3     | 72.7  |
| 1936 | 55.5     | 44.5  |
| 1937 | 68.8     | 31.2  |
| 1938 | 51.2     | 48.8  |
| 1939 | 43.9     | 56.1  |
| 1940 | 37.2     | 62.8  |
| 1941 | 41.5     | 58.5  |

Receipts for the Colorado district from taxes on the incomes of corporations and individuals, by fiscal years are as follows:

| Year | Corporation  | Individual   | Total        |
|------|--------------|--------------|--------------|
| 1919 | ..           | ..           | \$17,650,463 |
| 1920 | ..           | ..           | 28,116,321   |
| 1921 | ..           | ..           | 25,085,243   |
| 1922 | ..           | ..           | 14,545,633   |
| 1923 | ..           | ..           | 10,920,851   |
| 1924 | ..           | ..           | 11,543,616   |
| 1925 | \$ 7,595,438 | \$ 4,145,230 | 11,740,668   |
| 1926 | 7,740,854    | 4,234,848    | 11,975,702   |
| 1927 | 8,969,799    | 3,686,845    | 12,656,644   |
| 1928 | 7,923,577    | 3,528,993    | 11,452,570   |
| 1929 | 6,831,459    | 4,206,231    | 11,037,690   |

| Year | Corporation | Individual | Total      |
|------|-------------|------------|------------|
| 1930 | 7,835,966   | 4,212,450  | 12,048,416 |
| 1931 | 11,935,132  | 3,337,149  | 15,272,281 |
| 1932 | 3,081,692   | 2,067,217  | 5,147,909  |
| 1933 | 2,034,444   | 1,790,873  | 3,825,317  |
| 1934 | 2,564,209   | 3,021,879  | 4,586,088  |
| 1935 | 4,442,838   | 2,756,178  | 7,199,016  |
| 1936 | 5,067,541   | 4,272,565  | 9,340,106  |
| 1937 | 7,655,956   | 7,594,004  | 15,249,960 |
| 1938 | 8,270,199   | 9,302,703  | 17,572,902 |
| 1939 | 7,533,678   | 7,675,816  | 15,209,494 |
| 1940 | 6,105,331   | 7,260,695  | 13,366,026 |
| 1941 | 8,793,265   | 8,440,073  | 17,233,338 |

Statistics of income, which are compiled from income tax returns, cover data for calendar years and reveal the net incomes of individuals and corporations making returns, sources of revenue and other data not disclosed in the annual reports. These analyses of incomes usually are not published until two or three years later. The last issued was the statistics of income for 1938.

The largest number of individual income tax returns filed in Colorado in any calendar year since 1915 was 74,198 in 1920 and the minimum number was 4,435 in 1916. The largest net income reported by those making returns also was in 1920, when the aggregate was \$219,277,184, and the smallest was in 1916, when the net income reported was \$53,854,130. The next lowest was \$74,445,866, in 1933.

The tax on individual incomes reached a maximum of \$3,010,069 in 1937, in which year it was \$1,813,536 in excess of the previous maximum established in 1919. The minimum tax in the 22-year period was \$1,055,758, in 1916.

The average net income of those making returns established a maximum of \$12,143 in 1916 and the minimum was \$2,504 in 1921.

The average tax per return was \$238 in 1916, the maximum over a period of 23 years. The minimum was \$43 per return in 1924. The average in 1938 was \$130.

The gross income (income before deductions are made) of individuals declined from \$191,304,294 in 1929 to \$100,911,000 in 1932 and \$91,091,000 in 1933. There was a recovery to \$111,411,000 in 1934, followed by increases to \$126,439,000 in 1935, \$166,701,000 in 1936, and \$178,363,000 in 1937. In 1938 the gross dropped to \$149,824,000.

Wages, salaries and commissions account for the largest proportion of individual incomes in Colorado, ranging from a maximum of 54.8 per cent in 1932 to 35.8 per cent in 1929 and 51.3 per cent in 1938.

The percentage of the population of Colorado filing returns runs uniformly

below that of the United States as a whole, ranging from 2.73 per cent in 1933 to 4.03 per cent in 1938, which indicates that 97.27 to 95.97 per cent of the population in the state have not been subject to a federal tax on their incomes.

A comparison of incomes within the several brackets from 1929 to 1938, inclusive, shows a considerable shifting in the distribution.

In 1929, for example, 75.4 per cent of all persons making individual returns had incomes of less than \$5,000 and accounted for only 39.8 per cent of the total net individual income. In the same year only 0.6 per cent of those making returns had incomes of \$50,000 or over or 12 per cent of total net income. The shift in Colorado between that year and 1938 is indicated by the relative change in position of the several income groups. In the last named year 89.6 per cent of all returns had incomes under \$5,000 and they reported net incomes aggregating 62.6 per cent of the total. However, only 0.1 per cent of those making returns in 1938 had net incomes of \$50,000 or more and their proportion of the total had dropped to 6.4 per cent. The figures are significant in indicating the extent of the shift in the distribution of incomes from the higher to the lower brackets.

Three persons in Colorado reported net incomes of \$500,000 or more in 1929, their aggregate incomes being \$2,256,688. There was one in this group in 1931, whose income was \$1,060,322. None reported an income of \$500,000 or more in 1932 and 1933 and only one in 1934. There was none in 1935. In 1936 there were four with aggregate incomes of \$2,880,541; five in 1937, with incomes aggregating \$4,279,113; and two in 1938 with net incomes of \$1,515,510.

Income taxes paid by corporations in the Colorado district in the fiscal year ending June 30, 1941, amounted to \$8,793,265. This was equal to one-half or 50.4 per cent of all income taxes and 21.2 per cent of all internal revenue taxes collected for the year. In the 13-year period 1929 to 1941, inclusive, the corporations paid \$82,151,710 in income taxes, which amounted to 59.9 per cent of all income taxes and 31.7 per cent of all internal revenue taxes collected during the period.

The following table gives the amounts of income taxes paid by corporations in the Colorado district by fiscal years ending June 30, percentage of corporation income tax to total income tax, and percentage of corpora-

tion income tax to total internal revenue collected:

| Year        | Corp. Income Tax | Per Ct. All In-come Taxes | Per Ct. Total Internal Revenue |
|-------------|------------------|---------------------------|--------------------------------|
| 1929        | \$ 6,831,459     | 61.9                      | 59.1                           |
| 1930        | 7,835,966        | 65.0                      | 62.8                           |
| 1931        | 11,935,132       | 78.1                      | 76.2                           |
| 1932        | 3,081,692        | 59.9                      | 51.9                           |
| 1933        | 2,034,444        | 53.2                      | 35.7                           |
| 1934        | 2,564,209        | 55.9                      | 24.4                           |
| 1935        | 4,442,838        | 61.7                      | 35.4                           |
| 1936        | 5,067,541        | 54.3                      | 32.0                           |
| 1937        | 7,655,956        | 50.2                      | 34.5                           |
| 1938        | 8,270,199        | 47.1                      | 24.1                           |
| 1939        | 7,533,673        | 49.5                      | 21.8                           |
| 1940        | 6,105,331        | 45.7                      | 17.0                           |
| 1941        | 8,793,265        | 51.0                      | 21.2                           |
| 13 Yrs..... | \$82,151,710     | 59.9                      | 31.7                           |

The statistics of income issued annually by the collector of internal revenue make a more complete breakdown of the corporation tax figures. The last of these reports published contains the statistics for the calendar year of 1938. It reflects changing economical conditions over a period of years due to war, depressions and other factors affecting business. In 1917, during the first world war, for example, a maximum of \$96,761,318 in net income was reported as against a minimum of \$14,283,000 in 1932, the year of a depression. In contrast, the deficit reached a minimum of \$11,030,270 in 1918 and a maximum of \$134,544,456 in 1921, the latter far exceeding any year following the depression of 1929.

Taxes collected in Colorado on the transfer of estates of decedents and contributions deductible from incomes are discussed later in this chapter. Gift taxes are not broken down by states and, therefore, are not included separately.

Tables upon which the above summary are based and which accompany this chapter are as follows:

Sources of United States internal revenue from Colorado by fiscal years ending June 30.

Occupations subject to special taxes in Colorado, by fiscal years, showing the number under each classification.

The number of returns, net income, amount of tax and average of individual income returns, by calendar years.

Sources of individual income for Colorado in percentages by calendar years.

Comparative data for Colorado and the United States, showing per cent of population filing returns, Colorado's per cent of total net income, average net income per return and average tax per return.

Sources of individual federal incomes for Colorado, reporting gross

income by classifications of sources and deductions and net income by calendar years.

Number of individual income returns and net income by sex and family relationship for 1936, 1937 and 1938.

Corporation income returns by years, showing gross and net income of those reporting net incomes and gross income and deficit of those reporting no net income.

Number of returns and net incomes of individuals distributed as to amounts in the various brackets for 1936, 1937 and 1938.

Taxes paid other than state and local and general taxes and others not deductible paid by federal income taxpayers.

Number of returns, gross estate, deductions and net amount of estates upon which transfer taxes are levied, by calendar years.

Probable millionaires in Colorado as indicated by returns showing net incomes of \$50,000 or more by calendar years.

Percentages of individual returns and net income grouped by specified amounts, by calendar years.

Number of returns and net income of corporations showing net income and net income and deficit of corporations showing no net income by major industrial groups, by calendar years.

Elsewhere in this volume is a chapter and accompanying table on "Federal Expenditures in Colorado" which is of interest in connection with internal revenue receipts.

**CONTRIBUTIONS DEDUCTED FROM INCOMES**

Contributions made by persons for religious, charitable and scientific purposes or for the prevention of cruelty to animals and to special funds for vocational rehabilitation are deducted before the net income and amount of federal income taxes are computed.

Contributions to which reference is here made are not to be confused with gift taxes under the revenue act of 1932, for which separate returns are made.

The amounts of contributions deducted from the gross income of individuals in the Colorado district, the amount per \$100 of net income and the average deduction per return, by calendar years, are as follows:

| Year      | Contributions | Amt. Per \$100 Income | Av. Per Return |
|-----------|---------------|-----------------------|----------------|
| 1929..... | \$2,876,721   | \$1.81                | \$92.00        |
| 1930..... | 2,353,671     | 1.87                  | 81.20          |
| 1931..... | 2,009,000     | 2.08                  | 79.47          |
| 1932..... | 1,858,000     | 2.26                  | 60.84          |
| 1933..... | 1,355,000     | 1.82                  | 47.17          |
| 1934..... | 1,595,000     | 1.69                  | 51.07          |
| 1935..... | 1,805,000     | 1.66                  | 53.92          |
| 1936..... | 2,355,000     | 1.61                  | 58.39          |
| 1937..... | 2,677,000     | 1.71                  | 59.00          |
| 1938..... | 2,310,000     | 1.80                  | 55.39          |

**INTERNAL REVENUE: INDIVIDUAL FEDERAL INCOME TAX RETURNS FOR COLORADO BY CALENDAR YEARS**

(Source: Commissioner of Internal Revenue)

| YEAR       | Number Returns | Net Income    |          | Tax         |         |
|------------|----------------|---------------|----------|-------------|---------|
|            |                | Total         | Average  | Total       | Average |
| 1916 ..... | 4,435          | \$ 53,854,130 | \$12,143 | \$1,055,758 | \$238   |
| 1917 ..... | 40,627         | 137,853,875   | 3,393    | 5,184,948   | 128     |
| 1918 ..... | 54,160         | 159,487,951   | 2,945    | 5,844,925   | 108     |
| 1919 ..... | 57,256         | 191,001,999   | 3,320    | 7,196,593   | 125     |
| 1920 ..... | 74,198         | 219,277,184   | 2,955    | 6,766,900   | 91      |
| 1921 ..... | 69,676         | 174,490,980   | 2,504    | 3,862,862   | 55      |
| 1922 ..... | 67,463         | 184,572,407   | 2,736    | 4,869,555   | 72      |
| 1923 ..... | 72,366         | 200,572,724   | 2,772    | 3,267,732   | 45      |
| 1924 ..... | 73,350         | 205,087,973   | 2,796    | 3,162,736   | 43      |
| 1925 ..... | 35,808         | 150,363,411   | 4,199    | 2,840,926   | 79      |
| 1926 ..... | 35,110         | 154,804,655   | 4,409    | 2,959,248   | 84      |
| 1927 ..... | 31,727         | 148,473,486   | 4,680    | 3,307,180   | 104     |
| 1928 ..... | 31,091         | 158,931,875   | 5,112    | 4,459,057   | 143     |
| 1929 ..... | 31,268         | 158,751,528   | 5,077    | 3,534,404   | 113     |
| 1930 ..... | 28,986         | 125,795,609   | 4,340    | 2,439,796   | 84      |
| 1931 ..... | 25,279         | 96,661,700    | 3,824    | 1,378,043   | 55      |
| 1932 ..... | 30,537         | 82,077,771    | 2,688    | 1,815,932   | 59      |
| 1933 ..... | 28,725         | 74,445,866    | 2,592    | 1,710,477   | 60      |
| 1934 ..... | 31,232         | 94,502,319    | 3,026    | 3,281,526   | 105     |
| 1935 ..... | 33,475         | 108,379,317   | 3,238    | 4,057,259   | 121     |
| 1936 ..... | 40,332         | 146,498,541   | 3,632    | 8,934,634   | 222     |
| 1937 ..... | 45,371         | 156,162,264   | 3,442    | 9,010,069   | 199     |
| 1938 ..... | *41,701        | 128,562,793   | 3,083    | 5,416,548   | 130     |

\*Exclusive of fiduciary returns (431) and individual returns with no net income (999).

**INTERNAL REVENUE: SOURCES OF UNITED STATES INTERNAL REVENUE FROM  
COLORADO, BY FISCAL YEARS ENDING JUNE 30**

(Source: Commissioner of Internal Revenue)

Note—Changes in internal revenue laws from time to time prevent the figures for any one year being strictly comparable with other years.

| SOURCES   | 1941                | 1940                | 1939                | 1938                | 1937                |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|
| Income, individuals, partnerships and corporations.....                   | \$17,233,337        | \$13,366,027        | \$15,209,493        | \$17,572,902        | \$15,249,960        |
| Excess profits.....   | 167,465             | 80,610              | 197,927             | 336,631             | 247,108             |
| Unjust enrichment.....  | 307,449             | 21,819              | 32,315              | 22,271              | 3,626               |
| Capital stock.....  | 948,457             | 812,589             | 792,712             | 947,103             | 957,053             |
| Estates, transfer of estates of decedents.....                            | 1,583,029           | 2,696,524           | 1,587,899           | 2,529,063           | -----               |
| Estates, transfer of gifts.....   | 838,386             | 103,469             | 172,119             | 946,126             | 995,270             |
| Distilled spirits.....  | 567,699             | 369,868             | 405,092             | 403,329             | 421,809             |
| Wines (special tax stamps).....   | 77,982              | 47,470              | 46,454              | 54,236              | 69,322              |
| Fermented malt liquors.....   | 1,575,760           | 1,305,163           | 1,224,959           | 1,359,103           | 1,397,178           |
| Tobacco and tobacco manufactures.....                                     | 21,010              | 1,636               | 2,139               | 2,606               | 2,886               |
| Narcotics.....  | 4,482               | 4,158               | 4,853               | 4,397               | 5,086               |
| Oleomargarine.....  | 17,935              | 16,744              | 18,039              | 18,633              | 18,934              |
| Marihuana.....  | 39                  | 49                  | 86                  | 112                 | -----               |
| Stamp taxes:  |                     |                     |                     |                     |                     |
| Stamps sold by postmasters.....   | 41,093              | 34,916              | 35,131              | 38,246              | 38,693              |
| Stamps sold by collectors.....  | 75,177              | 111,196             | 72,124              | 83,449              | 115,996             |
| Capital stock transfer.....   | -----               | 192                 | 8,188               | 17,154              | 28,670              |
| Future delivery, sales of produce on exchange, etc.....                   | -----               | -----               | -----               | -----               | 6                   |
| Silver bullion transfers.....   | -----               | -----               | 6                   | 13                  | 296                 |
| Playing cards.....  | 347                 | 266                 | 213                 | 174                 | 161                 |
| Manufacturers' excise taxes:  |                     |                     |                     |                     |                     |
| Lubricating oils.....   | 7,734               | 8,358               | 6,888               | 5,630               | 6,610               |
| Gasoline.....   | 798,439             | 495,908             | 461,674             | 300,110             | 90,448              |
| Tires.....  | 242,898             | 208,782             | 187,473             | 167,966             | 160,417             |
| Inner tubes.....  | 32,777              | 31,292              | 26,637              | 26,864              | 31,753              |
| Automobile parts and accessories, truck chassis, bodies, motorcycles..... | 37,601              | 47,979              | 38,411              | 34,829              | 32,881              |
| Electrical energy.....  | 371,151             | 343,287             | 385,506             | 438,066             | 279,065             |
| Radio components and records.....   | 217                 | 135                 | 157                 | 232                 | -----               |
| Toilet preparations.....  | 17,020              | 17,101              | 14,203              | 9,543               | 7,828               |
| Furs.....   | -----               | -----               | 75                  | 1,552               | 3,087               |
| Jewelry, etc.....   | -----               | -----               | -----               | 350                 | 2,014               |
| Sporting goods.....   | -----               | 234                 | 484                 | 12,746              | 5,698               |
| Firearms, shells and cartridges.....                                      | -----               | -----               | -----               | -----               | 3                   |
| Candy.....  | -----               | -----               | -----               | 5                   | 67                  |
| Machine guns, etc.....  | -----               | -----               | 354                 | 601                 | -----               |
| Crude petroleum products, processed, or recovered.....                    | -----               | -----               | 280                 | 1,739               | 1,132               |
| Cocanut oil from the Philippines.....                                     | 266                 | 790                 | 397                 | -----               | -----               |
| Admissions to theatres.....   | 652,492             | 89,148              | 87,658              | 116,745             | 105,351             |
| Club dues and initiation fees.....  | 55,048              | 54,126              | 53,622              | 56,886              | 48,482              |
| Telegraph, telephone, cable and radio messages.....                       | 522,034             | 520,083             | 410,165             | 420,320             | 455,028             |
| Leased wires.....   | 9,044               | 14,008              | 10,056              | 9,149               | 9,757               |
| Payroll taxes:  |                     |                     |                     |                     |                     |
| Railroad employees compensation.....                                      | 1,170,140           | 1,082,360           | 998,844             | 1,455,359           | 11,762              |
| Railroad employees representatives.....                                   | 6                   | 50                  | 31                  | 101                 | 534                 |
| Social Security:  |                     |                     |                     |                     |                     |
| Title VIII 2 per cent payroll.....  | 3,839,180           | 3,611,360           | 3,221,361           | 3,071,399           | 1,156,659           |
| Title IX wages paid to 8 or more.....                                     | 491,063             | 521,303             | 500,925             | 367,505             | 175,106             |
| Bituminous coal.....  | 69,349              | 59,457              | 51,520              | 54,570              | -----               |
| Sugar.....  | 9,738,743           | 9,807,744           | 8,299,185           | 3,338,282           | -----               |
| Leases of safe deposit boxes.....   | 20,683              | 18,642              | 19,114              | 20,165              | 21,971              |
| Transportation of oil by pipe line.....                                   | 6,636               | 15,475              | 13,499              | 34,331              | 132                 |
| Miscellaneous.....  | 11                  | 12                  | 14                  | 1,981               | 723                 |
| <b>Total, all sources.....</b>  | <b>\$41,542,179</b> | <b>\$35,920,330</b> | <b>\$34,598,282</b> | <b>\$34,282,574</b> | <b>\$22,158,562</b> |

**INTERNAL REVENUE: OCCUPATIONS SUBJECT TO SPECIAL TAXES IN COLORADO, BY FISCAL YEARS ENDING JUNE 30**  
(Source: Commissioner of Internal Revenue)

| CLASS                                    | 1941  | 1940  | 1939  | 1938  | 1937  | 1936  | 1935  | 1934  | 1933  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Distilled Spirits:</b>                |       |       |       |       |       |       |       |       |       |
| Rectifiers .....                         | 4     | 1     | 2     | 2     | 2     | 3     | 3     | 2     | ...   |
| Retail dealers .....                     | 1,923 | 1,946 | 1,883 | 1,904 | 1,974 | 1,991 | 2,130 | 2,022 | 468   |
| Wholesale dealers ....                   | 30    | 31    | 39    | 50    | 56    | 68    | 77    | 70    | 12    |
| <b>Wines:</b>                            |       |       |       |       |       |       |       |       |       |
| Retail dealers .....                     | 121   | 146   | 184   | 211   | 61    | ...   | ...   | ...   | ...   |
| <b>Fermented Malt Liquors:</b>           |       |       |       |       |       |       |       |       |       |
| Brewers .....                            | 4     | 4     | 4     | 4     | 6     | 5     | 5     | 7     | 4     |
| Wholesale dealers ....                   | 93    | 97    | 99    | 96    | 111   | 99    | 80    | 120   | 135   |
| Retail dealers .....                     | 1,073 | 1,128 | 1,079 | 1,147 | 1,160 | 1,166 | 907   | 936   | 1,676 |
| Temporary dealers ...                    | 17    | 22    | 13    | 16    | 13    | ...   | ...   | ...   | ...   |
| <b>Oleomargarine:</b>                    |       |       |       |       |       |       |       |       |       |
| Manufacturers .....                      | ...   | ...   | ...   | 1     | 1     | 1     | 1     | ...   | 2     |
| Wholesale dealers ....                   | 20    | 18    | 20    | 20    | 14    | 12    | 13    | 13    | 6     |
| Retail dealers .....                     | 2,289 | 2,355 | 2,431 | 2,551 | 2,315 | 2,153 | 2,221 | 1,307 | 1,210 |
| Mixed flour manufac-<br>turers .....     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | 1     |
| <b>Narcotics:</b>                        |       |       |       |       |       |       |       |       |       |
| Wholesale dealers ....                   | 27    | 25    | 28    | 32    | 29    | 31    | 23    | 27    | 33    |
| Retail dealers .....                     | 589   | 595   | 588   | 587   | 575   | 575   | 548   | 511   | 472   |
| Practitioners, hospi-<br>tals, etc. .... | 1,767 | 1,776 | 1,780 | 1,775 | 1,778 | 1,757 | 1,821 | 1,676 | 1,682 |
| Dealers in untaxed<br>narcotics .....    | 49    | 54    | 63    | 65    | 62    | 77    | 82    | 58    | 78    |
| <b>Marihuana:</b>                        |       |       |       |       |       |       |       |       |       |
| Dealers .....                            | 9     | 11    | 13    | 17    | ...   | ...   | ...   | ...   | ...   |
| Practitioners .....                      | 14    | 21    | 32    | 36    | ...   | ...   | ...   | ...   | ...   |
| Total .....                              | 8,029 | 8,230 | 8,258 | 8,514 | 8,157 | 7,938 | 7,911 | 6,750 | 5,779 |

**EXCISE TAX TIRES, INNER TUBES AND GASOLINE**

Internal revenue receipts from the Colorado district from excise taxes on tires, inner tubes and gasoline in the fiscal year ending June 30, 1941, amounted to \$1,074,114, of which \$798,439 was from gasoline sales, \$242,898 from tires and \$32,776 from inner tubes. These items will be affected in subsequent years by the imposition of rationing regulations as a part of the war effort. Collections

from the same sources in the fiscal year of 1940 aggregated \$735,983. While the figures show an increase of \$338,131 in 1941 over the preceding year, they are not strictly comparable nor do they indicate the volume of business due to changes in the amounts of the taxes. The rate on gasoline was 1 cent a gallon in 1940 and 1½ cents in 1941; on tires it was increased from 2¼ cents to 2½ cents; and on inner tubes it was raised from 4 cents to 4½ cents per pound.

**INTERNAL REVENUE: SOURCES OF INDIVIDUAL FEDERAL INCOME FOR COLORADO  
IN PERCENTAGES BY CALENDAR YEARS**

(Source: Commissioner of Internal Revenue)

| Sources of Income  | 1938         | 1937         | 1936         | 1935         | 1934         | 1933         | 1932         | 1929         |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|  | %            | %            | %            | %            | %            | %            | %            | %            |
| <b>Income:</b>   |              |              |              |              |              |              |              |              |
| Wages and salaries.....  | 51.3         | 48.8         | 45.4         | 50.1         | 52.0         | 52.2         | 54.8         | 35.8         |
| Business profits.....  | 14.7         | 14.4         | 15.1         | 14.0         | 14.9         | 12.7         | 10.8         | 17.8         |
| Partnership profit.....  | 6.5          | 5.9          | 4.6          | 4.6          | 4.4          | 4.7          | 3.7          | 5.3          |
| Profit from sale of real estate,<br>stocks, bonds, etc.*.....            | ...          | ...          | ...          | ...          | ...          | 3.8          | 0.9          | 8.0          |
| Capital net gain.....  | 2.5          | 1.9          | 5.1          | 3.1          | 1.9          | 0.5          | 0.1          | 1.8          |
| Rents and royalties.....   | 4.2          | 3.5          | 3.8          | 4.0          | 3.6          | 3.9          | 4.3          | 4.9          |
| Interest on government obligations<br>not wholly exempt<br>from tax..... | 0.4          | 0.4          | 0.4          | 0.4          | 0.5          | 0.4          | 0.3          | 0.2          |
| Dividends on stocks of domestic<br>corporations.....                     | 12.7         | 17.5         | 17.4         | 14.4         | 13.0         | 10.2         | 12.6         | 16.3         |
| Fiduciary .....  | 1.9          | 2.1          | 2.1          | 1.3          | 1.2          | 1.4          | 1.3          | 1.0          |
| Interest and other income.....   | 5.8          | 5.5          | 6.1          | 8.1          | 8.5          | 10.2         | 11.2         | 8.9          |
| <b>Total income.....</b>   | <b>100.0</b> |

\*Change in law in 1934.

**INTERNAL REVENUE: COMPARATIVE DATA FOR COLORADO AND UNITED STATES  
INDIVIDUAL INCOMES, BY CALENDAR YEARS**

(Source: Commissioner of Internal Revenue)

|   | 1938        | 1937        | 1936        | 1935        | 1934        | 1933        | 1932        |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Per cent of population filing<br/>returns:</b>       |             |             |             |             |             |             |             |
| Colorado .....  | 4.03        | 4.24        | 3.78        | 3.15        | 2.95        | 2.73        | 2.92        |
| United States.....                                      | 4.86        | 4.90        | 4.20        | 3.58        | 3.22        | 2.95        | 3.10        |
| <b>Colorado's per cent of total<br/>net income.....</b> | <b>0.69</b> | <b>0.74</b> | <b>0.76</b> | <b>0.73</b> | <b>0.74</b> | <b>0.67</b> | <b>0.70</b> |
| <b>Average net income per re-<br/>turn:</b>             |             |             |             |             |             |             |             |
| Colorado .....  | \$3,082.96  | \$3,441.90  | \$3,632.32  | \$3,237.62  | \$3,025.82  | \$2,591.68  | \$2,687.81  |
| United States.....                                      | 3,040.14    | 3,344.58    | 3,554.10    | 3,258.97    | 3,125.42    | 2,956.48    | 3,006.05    |
| <b>Average tax return:</b>                              |             |             |             |             |             |             |             |
| Colorado .....  | 129.89      | 198.59      | 221.53      | 121.20      | 105.07      | 59.55       | 59.47       |
| United States.....                                      | 118.05      | 179.77      | 224.26      | 143.70      | 124.90      | 100.47      | 85.10       |

**INTERNAL REVENUE: SOURCES OF INDIVIDUAL FEDERAL INCOMES FOR COLORADO BY CALENDAR YEARS**

(Source: Commissioner of Internal Revenue)

Note—Figures are adjusted to nearest thousand.

| Sources of Income and Deductions                                  | †1938                | 1937                 | 1936                 | 1935                 | 1929                 |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Income:</b>  |                      |                      |                      |                      |                      |
| Wages and salaries, etc.  | \$ 76,817,000        | \$ 87,395,000        | \$ 75,667,000        | \$ 63,232,000        | \$ 68,499,794        |
| Business profit.....  | 21,988,000           | 25,715,000           | 25,209,000           | 17,891,000           | 34,136,489           |
| Partnership profit.....   | 9,711,000            | 10,052,000           | 7,725,000            | 5,834,000            | 10,173,444           |
| Profit from sale of real estate, stocks, bonds, etc.* .....       |                      |                      |                      |                      | 15,221,025           |
| Capital net gain.....   | 3,790,000            | 3,494,000            | 8,459,000            | 3,918,000            | 3,466,098            |
| Rents and royalties.....  | 6,273,000            | 6,334,000            | 6,321,000            | 4,951,000            | 9,275,488            |
| Interest on government obligations not wholly exempt from tax.... | 541,000              | 655,000              | 593,000              | 523,000              | 379,105              |
| Dividends on stocks of corporations .....                         | 19,064,000           | 31,288,000           | 29,068,000           | 18,184,000           | 31,178,737           |
| Fiduciary .....   | 2,969,000            | 3,769,000            | 3,438,000            | 1,696,000            | 1,925,385            |
| Interest and other income .....                                   | 8,671,000            | 9,861,000            | 10,223,000           | 10,209,000           | 17,048,729           |
| <b>Total Income.....</b>  | <b>\$149,824,000</b> | <b>\$178,563,000</b> | <b>\$166,701,000</b> | <b>\$126,439,000</b> | <b>\$191,304,294</b> |
| <b>Deductions:</b>  |                      |                      |                      |                      |                      |
| Net loss from sale of real estate, stocks, bonds, etc.* .....     |                      |                      |                      |                      | \$ 4,282,108         |
| Net loss from business and partnership.....                       | \$ 1,426,000         | \$ 1,163,000         | \$ 946,000           | \$ 875,000           | .....                |
| Net capital loss.....   | 2,553,000            | 2,068,000            | 915,000              | 1,038,000            | .....                |
| Contributions .....   | 2,310,000            | 2,677,000            | 2,355,000            | 1,805,000            | 2,876,721            |
| All others (including taxes and interest paid) .....              | 14,972,000           | 16,493,000           | 15,986,000           | 14,341,000           | 25,393,937           |
| <b>Total deductions.....</b>                                      | <b>\$ 21,261,000</b> | <b>\$ 22,401,000</b> | <b>\$ 20,202,000</b> | <b>\$ 18,060,000</b> | <b>\$ 32,552,766</b> |
| <b>Net income.....</b>  | <b>\$128,563,000</b> | <b>\$156,162,000</b> | <b>\$146,499,000</b> | <b>\$108,379,000</b> | <b>\$158,751,528</b> |

\*Change in law in 1934.

†Includes returns with net income and excludes returns with aggregate gross income of \$1,857,000, but without any net.

**INTERNAL REVENUE: NUMBER OF INDIVIDUAL FEDERAL INCOME RETURNS AND NET INCOME BY SEX AND FAMILY RELATIONSHIP FOR COLORADO BY CALENDAR YEARS**

(Source: Commissioner of Internal Revenue)

| TYPE  | *1938             |                      | 1937              |                      | 1936              |                      |
|---|-------------------|----------------------|-------------------|----------------------|-------------------|----------------------|
|   | Number of Returns | Net Income           | Number of Returns | Net Income           | Number of Returns | Net Income           |
| Joint returns of husbands, wives and dependent children, and returns of either husband or wife when no other return is filed..... | 21,059            | \$ 72,460,000        | 22,013            | \$ 83,802,000        | 20,418            | \$ 80,075,000        |
| Separate returns of husbands and wives:   |                   |                      |                   |                      |                   |                      |
| Men .....   | 950               | 11,181,000           | 1,106             | 16,090,000           | 1,055             | 15,836,000           |
| Women .....   | 928               | 4,962,000            | 1,065             | 6,745,000            | 902               | 6,025,000            |
| Heads of families:  |                   |                      |                   |                      |                   |                      |
| Single men, married men not living with wives....   | 3,237             | 8,739,000            | 3,256             | 9,389,000            | 2,410             | 6,716,000            |
| Single women and married women not living with husbands .....   | 1,162             | 2,729,000            | 1,240             | 3,427,000            | 1,138             | 3,535,000            |
| Not heads of families:  |                   |                      |                   |                      |                   |                      |
| Single men and married men not living with wives  | 9,180             | 16,480,000           | 11,188            | 21,433,000           | 9,418             | 19,095,000           |
| Single women and married women not living with husbands .....   | 5,185             | 12,010,000           | 5,113             | 12,867,000           | 4,576             | 12,688,000           |
| States and trusts.....  | .....             | .....                | 390               | 2,411,000            | 415               | 2,527,000            |
| <b>Total .....</b>  | <b>41,701</b>     | <b>\$128,561,000</b> | <b>45,371</b>     | <b>\$156,162,000</b> | <b>40,332</b>     | <b>\$146,499,000</b> |

Note—Net income adjusted to nearest thousands.

\*Returns for 1938 includes only those reporting net return and excludes those showing net return.

**INTERNAL REVENUE: CORPORATION INCOME TAX RETURNS FILED IN COLORADO, BY MAJOR INDUSTRIAL GROUPS, BY CALENDAR YEARS, AND BY RETURNS WITH NET INCOME AND WITH NO NET INCOME, SHOWING NUMBER, NET INCOME AND DEFICIT**

(Source: Commissioner of Internal Revenue)

Note—The industrial classification is based on the predominant industry and does not necessarily contain solely corporations engaged exclusively in the industries in which they are classified, because of the diversified activities of many corporations.

The classification of the returns into those with net income and no net income is based on net income for excess-profits tax computation. "Net income" or "deficit" is the amount which is equal to the difference between total income and total deductions.

See another table for 1938 returns, which are classified on a different basis to conform to the standard industrial classification.

| GROUP   | Total No. of Returns | Returns Showing Net Income |            | Returns Showing No Net Income |              | No. Returns Showing No Income Data; Inactive |
|---|----------------------|----------------------------|------------|-------------------------------|--------------|--|
|   |                      | No.                        | Net Income | No.                           | Deficit      |  |
| <b>Agriculture and related industries:</b>        |                      |                            |            |                               |              |  |
| 1929.....   | 384                  | 174                        | \$ 804,239 | 156                           | \$ 1,541,702 | 54   |
| 1930.....   | 368                  | 130                        | 299,522    | 202                           | 2,397,093    | 36   |
| 1931.....   | 356                  | 86                         | 172,031    | 233                           | 2,933,766    | 37   |
| 1932.....   | 388                  | 34                         | 91,383     | 302                           | 2,703,275    | 52   |
| 1933.....   | 361                  | 31                         | 104,000    | 275                           | 1,307,000    | 55   |
| 1934.....   | 306                  | 44                         | 58,413     | 227                           | 1,488,378    | 35   |
| 1935.....   | 306                  | 66                         | 326,606    | 208                           | 573,282      | 32   |
| 1936.....   | 290                  | 79                         | 345,538    | 187                           | 377,791      | 24   |
| 1937.....   | 253                  | 62                         | 457,451    | 175                           | 512,190      | 16   |
| <b>Mining and Quarrying:</b>                      |                      |                            |            |                               |              |  |
| 1929.....   | 1,042                | 169                        | 6,997,848  | 368                           | 5,881,677    | 505  |
| 1930.....   | 996                  | 168                        | 3,853,005  | 346                           | 4,514,288    | 482  |
| 1931.....   | 993                  | 132                        | 2,090,399  | 380                           | 10,783,017   | 481  |
| 1932.....   | 965                  | 111                        | 2,833,995  | 409                           | 7,466,502    | 445  |
| 1933.....   | 952                  | 103                        | 2,334,000  | 408                           | 5,818,000    | 441  |
| 1934.....   | 1,070                | 146                        | 3,868,739  | 464                           | 3,140,510    | 460  |
| 1935.....   | 1,045                | 149                        | 3,305,500  | 457                           | 3,801,742    | 439  |
| 1936.....   | 1,024                | 177                        | 4,542,612  | 442                           | 2,509,417    | 405  |
| 1937.....   | 919                  | 157                        | 4,396,568  | 388                           | 2,555,125    | 374  |
| <b>Manufacturing:</b>                             |                      |                            |            |                               |              |  |
| 1929.....   | 741                  | 395                        | 15,229,848 | 273                           | 2,139,130    | 73   |
| 1930.....   | 758                  | 349                        | 7,071,646  | 334                           | 8,131,015    | 75   |
| 1931.....   | 723                  | 230                        | 3,727,528  | 414                           | 7,804,311    | 79   |
| 1932.....   | 712                  | 95                         | 4,720,911  | 560                           | 4,608,517    | 57   |
| 1933.....   | 707                  | 131                        | 14,970,000 | 496                           | 4,302,000    | 80   |
| 1934.....   | 668                  | 192                        | 17,905,517 | 393                           | 1,444,676    | 83   |
| 1935.....   | 659                  | 243                        | 21,550,965 | 354                           | 2,533,139    | 62   |
| 1936.....   | 653                  | 283                        | 29,110,935 | 300                           | 3,629,317    | 70   |
| 1937.....   | 625                  | 258                        | 23,731,754 | 316                           | 1,724,327    | 51   |
| <b>Construction:</b>                              |                      |                            |            |                               |              |  |
| 1929.....   | 129                  | 56                         | 253,743    | 49                            | 429,123      | 24   |
| 1930.....   | 131                  | 58                         | 221,063    | 55                            | 340,848      | 18   |
| 1931.....   | 123                  | 49                         | 410,791    | 56                            | 260,950      | 18   |
| 1932.....   | 115                  | 17                         | 71,779     | 82                            | 392,565      | 16   |
| 1933.....   | 116                  | 14                         | 66,000     | 88                            | 316,000      | 14   |
| 1934.....   | 108                  | 16                         | 139,634    | 72                            | 177,857      | 20   |
| 1935.....   | 104                  | 23                         | 175,373    | 62                            | 170,218      | 19   |
| 1936.....   | 93                   | 31                         | 320,208    | 49                            | 213,434      | 13   |
| 1937.....   | 105                  | 31                         | 258,741    | 60                            | 284,094      | 14   |
| <b>Transportation and other public utilities:</b> |                      |                            |            |                               |              |  |
| 1929.....   | 259                  | 114                        | 13,619,189 | 95                            | 958,439      | 50   |
| 1930.....   | 266                  | 122                        | 8,975,659  | 100                           | 1,168,239    | 44   |
| 1931.....   | 253                  | 100                        | 5,804,479  | 117                           | 1,567,732    | 36   |
| 1932.....   | 253                  | 36                         | 3,561,733  | 181                           | 5,799,620    | 36   |
| 1933.....   | 261                  | 42                         | 2,594,000  | 162                           | 4,848,000    | 57   |
| 1934.....   | 288                  | 72                         | 3,341,109  | 162                           | 7,949,404    | 54   |
| 1935.....   | 266                  | 70                         | 3,880,406  | 151                           | 8,425,149    | 45   |

**INTERNAL REVENUE: CORPORATION INCOME TAX RETURNS FILED IN COLORADO, BY MAJOR INDUSTRIAL GROUPS, BY CALENDAR YEARS, AND BY RETURNS WITH NET INCOME AND WITH NO NET INCOME, SHOWING NUMBER, NET INCOME AND DEFICIT—Continued**

| GROUP   | Total No. of Returns | Returns Showing Net Income |              | Returns Showing No Net Income |              | No. Returns Showing No Income Data; Inactive |
|---|----------------------|----------------------------|--------------|-------------------------------|--------------|--|
|   |                      | No.                        | Net Income   | No.                           | Deficit      |  |
| 1936.....   | 266                  | 75                         | \$ 5,298,498 | 141                           | \$ 6,796,114 | 50   |
| 1937.....   | 257                  | 71                         | 8,188,970    | 140                           | 11,423,512   | 46   |
| <b>Trade:</b>   |                      |                            |              |                               |              |  |
| 1929.....   | 1,822                | 1,087                      | 7,641,572    | 679                           | 5,043,723    | 56   |
| 1930.....   | 1,779                | 893                        | 4,510,199    | 832                           | 4,933,001    | 54   |
| 1931.....   | 1,823                | 683                        | 2,555,664    | 1,073                         | 6,922,860    | 67   |
| 1932.....   | 1,726                | 245                        | 1,365,023    | 1,405                         | 8,046,697    | 76   |
| 1933.....   | 1,706                | 402                        | 3,580,000    | 1,215                         | 3,987,000    | 89   |
| 1934.....   | 1,736                | 594                        | 5,181,591    | 1,036                         | 2,269,058    | 106  |
| 1935.....   | 1,722                | 696                        | 5,544,289    | 969                           | 2,394,226    | 57   |
| 1936.....   | 1,664                | 840                        | 8,478,654    | 766                           | 2,081,397    | 58   |
| 1937.....   | 1,531                | 677                        | 8,152,765    | 787                           | 1,870,579    | 67   |
| <b>Service: Professional amusements, hotels, etc.:</b>                                      |                      |                            |              |                               |              |  |
| 1929.....   | 585                  | 285                        | 1,245,857    | 193                           | 1,012,437    | 107  |
| 1930.....   | 628                  | 269                        | 957,284      | 244                           | 888,154      | 115  |
| 1931.....   | 630                  | 234                        | 592,791      | 254                           | 1,211,145    | 142  |
| 1932.....   | 707                  | 95                         | 193,078      | 463                           | 1,852,114    | 149  |
| 1933.....   | 716                  | 80                         | 219,000      | 462                           | 2,196,000    | 174  |
| 1934.....   | 733                  | 138                        | 435,976      | 405                           | 1,379,742    | 190  |
| 1935.....   | 695                  | 168                        | 677,322      | 390                           | 1,436,613    | 137  |
| 1936.....   | 733                  | 221                        | 1,485,853    | 376                           | 961,947      | 136  |
| 1937.....   | 712                  | 203                        | 1,453,445    | 379                           | 819,945      | 130  |
| <b>Banking, insurance, real estate and holding companies, stock and bond brokers, etc.:</b> |                      |                            |              |                               |              |  |
| 1929.....   | 1,925                | 1,008                      | 6,537,387    | 639                           | 4,094,722    | 278  |
| 1930.....   | 1,885                | 942                        | 5,033,487    | 705                           | 6,238,880    | 238  |
| 1931.....   | 1,874                | 827                        | 3,075,631    | 790                           | 9,209,473    | 257  |
| 1932.....   | 1,758                | 343                        | 1,445,237    | 1,136                         | 11,954,547   | 279  |
| 1933.....   | 1,723                | 294                        | 1,440,000    | 1,131                         | 10,685,000   | 298  |
| 1934.....   | 1,716                | 354                        | 2,053,969    | 1,078                         | 6,322,822    | 284  |
| 1935.....   | 1,631                | 439                        | 2,877,996    | 994                           | 4,897,096    | 193  |
| 1936.....   | 1,526                | 590                        | 11,147,489   | 732                           | 2,593,857    | 204  |
| 1937.....   | 1,476                | 569                        | 10,010,185   | 719                           | 2,837,721    | 188  |
| <b>Nature of business not given:</b>  |                      |                            |              |                               |              |  |
| 1929.....   | 430                  | 23                         | 19,703       | 22                            | 65,309       | 385  |
| 1930.....   | 446                  | 10                         | 21,555       | 27                            | 75,331       | 409  |
| 1931.....   | 430                  | 18                         | 12,774       | 38                            | 108,882      | 374  |
| 1932.....   | 328                  | 4                          | 184          | 26                            | 25,218       | 298  |
| 1933.....   | 163                  | 1                          | (1)          | 14                            | 12,000       | 148  |
| 1934.....   | 199                  | 3                          | 480          | 14                            | 2,232        | 182  |
| 1935.....   | 232                  | ...                        | .....        | 16                            | 20,525       | 216  |
| 1936.....   | 214                  | 4                          | 3,022        | 19                            | 99,858       | 191  |
| 1937.....   | 193                  | 2                          | (1)          | 37                            | 22,267       | 154  |
| <b>Total, state:</b>  |                      |                            |              |                               |              |  |
| 1929.....   | 7,317                | 3,311                      | 52,349,386   | 2,474                         | 21,166,262   | 1,532  |
| 1930.....   | 7,257                | 2,941                      | 30,943,420   | 2,845                         | 28,736,849   | 1,471  |
| 1931.....   | 7,205                | 2,359                      | 18,442,088   | 3,355                         | 40,802,136   | 1,491  |
| 1932.....   | 6,952                | 980                        | 14,283,323   | 4,564                         | 42,849,055   | 1,408  |
| 1933.....   | 6,705                | 1,098                      | 25,825,000   | 4,251                         | 33,471,000   | 1,356  |
| 1934.....   | 6,824                | 1,559                      | 32,985,428   | 3,851                         | 24,174,683   | 1,414  |
| 1935.....   | 6,660                | 1,854                      | 38,338,547   | 3,601                         | 24,251,990   | 1,205  |
| 1936.....   | 6,463                | 2,300                      | 60,732,809   | 3,012                         | 19,263,132   | 1,151  |
| 1937.....   | 6,071                | 2,030                      | 56,590,121   | 3,001                         | 22,099,760   | 1,040  |

(1) Classes grouped to conceal identity of taxpayers. These figures are included in state totals.

**INTERNAL REVENUE: CORPORATION INCOME TAX RETURNS, 1938, FILED IN COLORADO, BY MAJOR INDUSTRIAL GROUPS (EXPANDED IN ACCORDANCE WITH THE STANDARD INDUSTRIAL CLASSIFICATIONS), AND BY RETURNS WITH NET INCOME AND WITH NO NET INCOME, SHOWING NUMBER, NET INCOME AND DEFICIT**

(Source: Commissioner of Internal Revenue)

Note—As a result of the application of the Standard Industrial Classification, the number of industrial groups for 1938 has been increased over that for 1937, and certain changes have been made in the contents of the groups. In general, corporations are classified industrially on the one business activity which accounts for the greatest percentage of "Total receipts." Therefore, the industrial groups contain corporations not engaged exclusively in the industries in which they are classified. See another table for data under old classification for years prior to 1938. "Net income" or "Deficit" is the amount reported for excess-profits tax computation and is equal to the difference between "Total income" and "Total deductions."

| GROUP  | Total<br>No. of<br>Returns | Returns With<br>Net Income |               | Returns With<br>No Net Income |              | No. of<br>Returns<br>of In-<br>active<br>Corporations |
|--|----------------------------|----------------------------|---------------|-------------------------------|--------------|---|
|  |                            | No.                        | Net<br>Income | No.                           | Deficit      |   |
| <b>Mining and quarrying:</b>                               |                            |                            |               |                               |              |   |
| Metal mining.....  | 293                        | 30                         | \$ 1,196,340  | 140                           | \$ 1,327,659 | 123   |
| Anthracite mining....                                      | 4                          | 1                          | 121,203       | 2                             | 111,839      | 1   |
| Bituminous coal, lignite, peat, etc.....                   | 80                         | 24                         | 269,350       | 50                            | 647,930      | 6   |
| Petroleum .....  | 68                         | 15                         | 2,108,716     | 27                            | 51,803       | 26  |
| Nonmetallic mining and quarrying.....                      | 34                         | 5                          | 7,074         | 18                            | 55,443       | 11  |
| Mining and quarrying not allocable.....                    | 171                        | 2                          | 11            | 50                            | 93,855       | 119   |
| Total .....  | 650                        | 77                         | \$ 3,702,694  | 287                           | \$ 2,288,529 | 286   |
| <b>Manufacturing:</b>                                      |                            |                            |               |                               |              |   |
| Food and kindred products .....                            | 115                        | 46                         | \$ 5,533,487  | 67                            | \$ 545,628   | 2   |
| Beverages .....  | 26                         | 12                         | 428,685       | 14                            | 82,072       | ...   |
| Tobacco manufactures                                       | 1                          | ...                        | .....         | 1                             | 30,331       | ...   |
| Textile-mill products.                                     | 1                          | ...                        | .....         | 1                             | 581          | ...   |
| Apparel and products made from fabrics..                   | 17                         | 6                          | 42,393        | 10                            | 19,189       | 1   |
| Leather and products.                                      | 9                          | 3                          | 7,980         | 6                             | 4,253        | ...   |
| Rubber products.....                                       | 2                          | 1                          | 863,463       | 1                             | 55           | ...   |
| Lumber and timber basic products.....                      | 14                         | 3                          | 17,052        | 11                            | 159,197      | ...   |
| Furniture and finished lumber products....                 | 12                         | 4                          | 22,895        | 7                             | 11,254       | 1   |
| Paper and allied products .....                            | 5                          | 3                          | 52,683        | 2                             | 7,140        | ...   |
| Printing and publishing industries.....                    | 87                         | 32                         | 2,137,050     | 54                            | 102,980      | 1   |
| Chemicals and allied products .....                        | 56                         | 20                         | 748,377       | 32                            | 54,147       | 4   |
| Petroleum and coal products .....                          | 5                          | 3                          | 155,520       | 1                             | 536          | 1   |
| Stone, clay and glass products .....                       | 44                         | 19                         | 3,346,177     | 24                            | 54,370       | 1   |
| Iron, steel and products .....                             | 31                         | 7                          | 152,327       | 23                            | 310,208      | 1   |
| Nonferrous metals and their products.....                  | 9                          | 3                          | 32,102        | 3                             | 4,970        | 3   |
| Electrical machinery and equipment.....                    | 8                          | 2                          | 1,846         | 4                             | 4,453        | 2   |
| Machinery, except transportation equipment and electrical. | 42                         | 17                         | 283,227       | 22                            | 59,454       | 3   |
| Automobiles and equipment, except electrical .....         | 7                          | 1                          | 718           | 6                             | 10,144       | ...   |

**INTERNAL REVENUE: CORPORATION INCOME TAX RETURNS, 1938, FILED IN COLORADO, BY MAJOR INDUSTRIAL GROUPS (EXPANDED IN ACCORDANCE WITH THE STANDARD INDUSTRIAL CLASSIFICATIONS), AND BY RETURNS WITH NET INCOME AND WITH NO NET INCOME, SHOWING NUMBER, NET INCOME AND DEFICIT—Continued**

| GROUP   | Total No. of Returns | Returns With Net Income |                      | Returns With No Net Income |                     | No. of Returns of Inactive Corporations |
|---|----------------------|-------------------------|----------------------|----------------------------|---------------------|---|
|   |                      | No.                     | Net Income           | No.                        | Deficit             |   |
| Transportation equipment, except automobiles .....        | 3                    | ...                     | .....                | 3                          | \$ 2,823            | ...                                     |
| Other manufacturing..                                     | 40                   | 21                      | \$ 113,781           | 15                         | 33,451              | 4                                       |
| Manufacturing not allocable .....                         | 11                   | 1                       | 270,852              | 6                          | 8,548               | 4                                       |
| <b>Total .....</b>  | <b>545</b>           | <b>204</b>              | <b>\$ 14,210,615</b> | <b>313</b>                 | <b>\$ 1,505,784</b> | <b>28</b>                               |
| <b>Public utilities:</b>                                  |                      |                         |                      |                            |                     |   |
| Transportation .....                                      | 125                  | 42                      | \$ 758,745           | 67                         | \$ 8,359,570        | 16                                      |
| Communication .....                                       | 25                   | 3                       | 3,793,044            | 20                         | 55,312              | 2                                       |
| Other public utilities..                                  | 52                   | 21                      | 3,904,238            | 22                         | 55,146              | 9                                       |
| <b>Total .....</b>  | <b>202</b>           | <b>66</b>               | <b>\$ 8,456,027</b>  | <b>109</b>                 | <b>\$ 8,470,028</b> | <b>27</b>                               |
| <b>Trade:</b>   |                      |                         |                      |                            |                     |   |
| Wholesale .....   | 298                  | 130                     | \$ 1,238,691         | 159                        | \$ 427,655          | 9                                       |
| Retail .....  | 893                  | 303                     | 3,278,298            | 570                        | 1,239,601           | 20                                      |
| Department, general merchandise, dry goods .....          | 71                   | 21                      | 846,119              | 48                         | 150,132             | 2                                       |
| Limited-price variety stores.....                         | 2                    | 2                       | 1,269,679            | ...                        | .....               | ...                                     |
| Mail-order houses..                                       | 3                    | ...                     | .....                | 2                          | 2,180               | 1                                       |
| Food stores.....  | 48                   | 9                       | 18,587               | 35                         | 82,899              | 4                                       |
| Package liquor stores .....                               | 13                   | 3                       | 3,202                | 9                          | 6,742               | 1                                       |
| Drug stores.....  | 86                   | 24                      | 93,564               | 61                         | 67,802              | 1                                       |
| Apparel .....   | 74                   | 22                      | 132,067              | 49                         | 98,909              | 3                                       |
| Furniture and house furnishings .....                     | 45                   | 14                      | 140,250              | 31                         | 83,331              | ...                                     |
| Eating and drinking places .....                          | 48                   | 12                      | 19,967               | 34                         | 61,667              | 2                                       |
| Dealers in automobiles, accessories, tires, batteries.... | 121                  | 30                      | 106,894              | 90                         | 336,629             | 1                                       |
| Filling stations....                                      | 31                   | 15                      | 32,929               | 15                         | 13,867              | 1                                       |
| Hardware .....  | 43                   | 11                      | 35,606               | 32                         | 41,983              | ...                                     |
| Lumber and coal yards .....                               | 121                  | 58                      | 228,061              | 62                         | 95,407              | 1                                       |
| Other retail trade..                                      | 146                  | 64                      | 296,911              | 80                         | 140,630             | 2                                       |
| Retail trade not allocable .....                          | 41                   | 18                      | 54,462               | 22                         | 57,373              | 1                                       |
| <b>Trade not allocable...</b>                             | <b>184</b>           | <b>78</b>               | <b>370,623</b>       | <b>97</b>                  | <b>245,013</b>      | <b>9</b>                                |
| <b>Total .....</b>  | <b>1,375</b>         | <b>511</b>              | <b>\$ 4,887,612</b>  | <b>826</b>                 | <b>\$ 1,912,269</b> | <b>38</b>                               |
| <b>Service:</b>   |                      |                         |                      |                            |                     |   |
| Personal service.....                                     | 151                  | 34                      | \$ 183,478           | 109                        | \$ 294,708          | 8                                       |
| Business service.....                                     | 91                   | 16                      | 177,579              | 63                         | 60,837              | 12                                      |
| Automobile repair services .....                          | 35                   | 9                       | 31,035               | 23                         | 28,462              | 3                                       |
| Amusement .....   | 122                  | 28                      | 114,985              | 66                         | 71,150              | 28                                      |
| Other service, including schools.....                     | 147                  | 29                      | 25,100               | 42                         | 22,901              | 76                                      |
| Service not allocable..                                   | 3                    | ...                     | .....                | 3                          | 1,297               | ...                                     |
| <b>Total .....</b>  | <b>549</b>           | <b>116</b>              | <b>\$ 532,177</b>    | <b>306</b>                 | <b>\$ 479,355</b>   | <b>127</b>                              |

**INTERNAL REVENUE: CORPORATION INCOME TAX RETURNS, 1938, FILED IN COLORADO, BY MAJOR INDUSTRIAL GROUPS (EXPANDED IN ACCORDANCE WITH THE STANDARD INDUSTRIAL CLASSIFICATIONS), AND BY RETURNS WITH NET INCOME AND WITH NO INCOME, SHOWING NUMBER, NET INCOME AND DEFICIT—Continued**

| GROUP  | Total No. of Returns | Returns With Net Income |               | Returns With No Net Income |               | No. of Returns of In-active Corporations |
|--|----------------------|-------------------------|---------------|----------------------------|---------------|--|
|  |                      | No.                     | Net Income    | No.                        | Deficit       |  |
| Finance, insurance, real estate and lessors of real property:                    |                      |                         |               |                            |               |  |
| Banks and trust companies .....  | 179                  | 127                     | \$ 2,089,184  | 44                         | \$ 322,989    | 8  |
| Mortgage and title companies .....   | 14                   | 4                       | 4,374         | 8                          | 157,620       | 2  |
| Investment trusts and investment companies .....                                 | 34                   | 21                      | 202,865       | 10                         | 12,510        | 3  |
| Holding companies*..   | 8                    | 3                       | 38,273        | 3                          | 269           | 2  |
| Other corporations holding securities†..   | 83                   | 49                      | 2,713,911     | 31                         | 121,523       | 3  |
| Security and commodity exchange brokers and dealers                              | 42                   | 14                      | 133,956       | 26                         | 65,875        | 2  |
| Commercial credit and finance companies..  | 68                   | 29                      | 307,142       | 32                         | 100,068       | 7  |
| Industrial and personal loan companies..   | 30                   | 18                      | 60,119        | 11                         | 19,574        | 1  |
| Other finance companies .....  | 43                   | 5                       | 27,848        | 14                         | 34,874        | 24                                       |
| Insurance carriers, agents, etc.....   | 55                   | 30                      | 223,501       | 45                         | 132,513       | 10                                       |
| Real estate, including lessors of buildings                                      | 807                  | 283                     | 1,300,531     | 451                        | 1,151,213     | 73                                       |
| Lessors of real property, except buildings .....                                 | 240                  | 70                      | 401,468       | 122                        | 335,421       | 48                                       |
| Finance, insurance, real estate, and lessors of real property not allocable..... | 122                  | 34                      | 275,532       | 54                         | 276,564       | 34                                       |
| Total .....  | 1,755                | 687                     | \$ 7,778,704  | 351                        | \$ 2,731,013  | 217                                      |
| Construction .....   | 87                   | 19                      | \$ 160,323    | 60                         | \$ 254,611    | 8  |
| Agriculture, forestry and fishery:   |                      |                         |               |                            |               |  |
| Agriculture and services .....   | 212                  | 49                      | \$ 360,016    | 144                        | \$ 1,356,648  | 19                                       |
| Forestry .....   | 2                    | 1                       | 935           | 1                          | 512           | ...                                      |
| Fishery .....  | 1                    | ...                     | .....         | 1                          | 8,462         | ...                                      |
| Total .....  | 215                  | 50                      | \$ 360,951    | 146                        | \$ 1,365,622  | 19                                       |
| Nature of business not allocable, except trade                                   | 231                  | 7                       | \$ 31,311     | 50                         | \$ 72,454     | 174                                      |
| All industrial groups  | 5,609                | 1,737                   | \$ 40,120,414 | 2,948                      | \$ 19,079,665 | 924                                      |

\*Consists of corporations who at any time during the taxable year owned 50 per cent or more of the voting stock of another corporation and whose income from such stock was 50 per cent or more of the amount of dividends received.

†Consists of corporations (other than investment trusts and investment companies who (a) at no time during the taxable year owned 50 per cent or more of the voting stock of another corporation or (b) at any time during the taxable year owned 50 per cent or more of the voting stock of another corporation but whose income from such stock was less than 50 per cent of the amount of dividends received.

**INTERNAL REVENUE: INDIVIDUAL NET INCOMES IN COLORADO,  
DISTRIBUTED AS TO AMOUNTS**

(Source: Commissioner of Internal Revenue)

| Income in<br>Thousands<br>of Dollars | 1938                    |               | 1937                    |               | 1936                    |               |
|--------------------------------------|-------------------------|---------------|-------------------------|---------------|-------------------------|---------------|
|                                      | Number<br>of<br>Returns | Net<br>Income | Number<br>of<br>Returns | Net<br>Income | Number<br>of<br>Returns | Net<br>Income |
| Under 5.....                         | 37,360                  | \$ 80,534,212 | 39,741                  | \$ 88,327,323 | 34,803                  | \$ 77,847,175 |
| 5 under 10.....                      | 3,163                   | 21,046,667    | 3,896                   | 26,335,441    | 3,732                   | 25,222,596    |
| 10 under 25.....                     | 965                     | 13,770,358    | 1,374                   | 20,142,942    | 1,377                   | 20,251,378    |
| 25 under 50.....                     | 151                     | 5,055,957     | 253                     | 8,438,510     | 303                     | 10,232,677    |
| 50 under 100.....                    | 41                      | 2,752,700     | 78                      | 5,284,245     | 79                      | 5,073,386     |
| 100 under 150.....                   | 9                       | 1,150,795     | 11                      | 1,410,082     | 19                      | 2,195,664     |
| 150 under 200.....                   | 4                       | 660,438       | 6                       | 1,055,901     | 6                       | 1,098,849     |
| 200 under 250.....                   | 1                       | 215,054       | 4                       | 888,707       | 1                       | 903,193       |
| 250 under 400.....                   | 3                       | 944,890       | 2                       | (1)           | 4                       | 792,082       |
| 400 under 500.....                   | 2                       | 916,212       | 1                       | (1)           | 2                       | (1)           |
| 500 under 750.....                   | ...                     | .....         | 4                       | 2,339,560     | 3                       | 1,728,580     |
| 750 under 1,000.....                 | 2                       | 1,515,510     | 1                       | (1)           | ...                     | .....         |
| Classes grouped.....                 | ...                     | .....         | ...                     | 1,939,553     | ...                     | 1,152,961     |
| Total .....                          | 41,701                  | \$128,562,793 | 45,371                  | \$156,162,264 | 40,332                  | \$146,498,541 |

(1) Classes grouped to conceal identity and amount of income of individuals.

**INTERNAL REVENUE: TAXES PAID OTHER THAN IMPROVEMENT, FEDERAL  
INCOME, ESTATES, INHERITANCE AND GIFT TAXES, BY INDIVIDUAL IN-  
COME TAXPAYERS IN COLORADO, BY CALENDAR YEARS**

(Source: Commissioner of Internal Revenue)

Note—This table shows state and local general property and personal taxes deducted by federal income taxpayers from their gross income and does not include federal income taxes paid nor business deductions reported in schedules A and B in federal returns. Neither do they have any relation to state and local taxes paid by 96 to 97 per cent of the population which file no federal income tax returns.

| Year      | Number<br>Returns | Net<br>Income | Taxes<br>Paid | Per Cent<br>Net<br>Income | Average<br>Tax Per<br>Return |
|-----------|-------------------|---------------|---------------|---------------------------|------------------------------|
| 1933..... | 28,725            | \$ 74,445,816 | \$3,616,000   | 4.8                       | \$125.88                     |
| 1934..... | 31,232            | 94,502,319    | 3,172,000     | 3.3                       | 101.56                       |
| 1935..... | 33,475            | 108,379,317   | 4,060,000     | 3.7                       | 121.28                       |
| 1936..... | 40,332            | 146,498,541   | 4,454,000     | 3.0                       | 110.43                       |
| 1937..... | 45,371            | 156,162,264   | 4,994,000     | 3.2                       | 110.07                       |
| 1938..... | 41,701            | 128,563,793   | 5,416,548     | 4.2                       | 129.89                       |

**INTERNAL REVENUE: CORPORATION INCOME RETURNS FOR THE  
COLORADO DISTRICT BY CALENDAR YEARS**

(Source: Commissioner of Internal Revenue)

Note—A break-down of these data by major industrial groups will be found in another table.

| YEAR      | Corporations Reporting<br>Net Income |                 |               | Corporations Reporting<br>No Net Income |                 |               |
|-----------|--------------------------------------|-----------------|---------------|---|-----------------|---------------|
|           | No. of<br>Returns                    | Gross<br>Income | Net<br>Income | No. of<br>Returns                       | Gross<br>Income | Deficit       |
| 1916..... | 2,986                                | \$238,993,105   | \$ 57,043,218 | 4,493                                   | \$ 42,771,522   | \$ 13,040,522 |
| 1917..... | 3,539                                | 673,894,965     | 96,761,318    | 4,079                                   | 48,956,851      | 12,506,521    |
| 1918..... | 3,273                                | 654,000,372     | 74,209,860    | 3,897                                   | 79,061,007      | 11,030,270    |
| 1919..... | 3,107                                | 807,999,998     | 79,287,797    | 3,597                                   | 165,788,176     | 16,828,247    |
| 1920..... | 2,376                                | 870,395,990     | 66,034,834    | 3,836                                   | 173,583,367     | 18,021,558    |
| 1921..... | 2,340                                | 486,204,976     | 34,041,045    | 4,219                                   | 318,578,783     | 134,544,456   |
| 1922..... | 2,720                                | 664,017,735     | 55,835,080    | 4,135                                   | 178,570,909     | 29,747,821    |
| 1923..... | 2,636                                | 686,561,409     | 60,490,802    | 3,708                                   | 175,895,200     | 25,414,654    |
| 1924..... | 2,891                                | 707,149,477     | 60,846,149    | 3,603                                   | 180,972,193     | 26,209,210    |
| 1925..... | 2,983                                | 821,001,998     | 60,448,005    | 3,416                                   | 161,788,373     | 26,159,041    |
| 1926..... | 3,071                                | 853,411,805     | 62,872,037    | 3,509                                   | 182,200,330     | 21,333,038    |
| 1927..... | 3,144                                | 745,766,162     | 47,758,479    | 2,291                                   | 292,356,251     | 27,717,330    |
| 1928..... | 3,342                                | 941,131,878     | 59,932,477    | 2,313                                   | 147,987,789     | 17,102,817    |
| 1929..... | 3,311                                | 738,303,447     | 52,349,386    | 2,474                                   | 200,275,469     | 21,166,262    |
| 1930..... | 2,941                                | 446,515,076     | 30,943,420    | 2,455                                   | 364,806,285     | 28,736,849    |
| 1931..... | 2,359                                | 284,298,000     | 18,442,088    | 3,355                                   | 366,998,000     | 40,802,136    |
| 1932..... | 980                                  | 191,260,000     | 14,283,000    | 4,564                                   | 322,205,000     | 42,849,000    |
| 1933..... | 1,098                                | 296,951,000     | 25,825,000    | 4,251                                   | 233,981,000     | 33,471,000    |
| 1934..... | 1,559                                | 385,308,000     | 32,985,000    | 3,851                                   | 203,087,000     | 24,175,000    |
| 1935..... | 1,854                                | 440,918,000     | 38,338,000    | 3,601                                   | 204,970,000     | 24,252,000    |
| 1936..... | 2,300                                | 611,121,000     | 60,733,000    | 3,012                                   | 185,305,000     | 19,263,000    |
| 1937..... | 2,030                                | 572,856,000     | 56,590,000    | 3,001                                   | 231,672,000     | 22,100,000    |
| 1938..... | 1,737                                | 452,441,000     | 40,120,000    | 2,948                                   | 230,510,000     | 19,080,000    |

Note—Changes in the revenue acts affect the comparability of statistical data from income tax returns of corporations. Gross income in 1916 represents gross profits and does not include the cost of goods, as in later years. For 1916-1924, inclusive, gross income is incomplete, due to gross operating revenue of railroads and other public utilities not being completely tabulated. In all years excepting 1918, dividends received from stock of domestic corporations are included in gross income. Interest received on Liberty bonds, etc., in 1934 was deducted from gross income so that gross income will contain the same items as in prior years.

**INTERNAL REVENUE: PROBABLE MILLIONAIRES IN COLORADO AS INDICATED BY PERSONS REPORTING INCOMES OF \$50,000 OR MORE**

Note—This table, compiled from federal income tax returns, shows the number of persons in Colorado reporting net incomes of \$50,000 or more in the fiscal years named. The commonly accepted practice is to estimate a person's wealth on the basis of five per cent income. On that basis a person with an income of \$50,000 is rated to be worth \$1,000,000.

| YEAR      | Number<br>of<br>Returns | Aggregate<br>Net<br>Incomes | Total<br>Tax | Average<br>Net<br>Income | Average<br>Tax |
|-----------|-------------------------|-----------------------------|--------------|--------------------------|----------------|
| 1929..... | 181                     | \$18,993,049                | \$ 2,360,155 | \$104,934                | \$ 13,039      |
| 1930..... | 110                     | 12,633,001                  | 1,599,685    | 114,845                  | 14,543         |
| 1931..... | 64                      | 7,193,004                   | 830,907      | 112,391                  | 12,983         |
| 1932..... | 29                      | 3,146,725                   | 790,807      | 108,508                  | 27,269         |
| 1933..... | 35                      | 3,134,700                   | 669,128      | 89,563                   | 19,118         |
| 1934..... | 44                      | 5,049,719                   | 1,689,969    | 114,766                  | 38,408         |
| 1935..... | 63                      | 6,553,873                   | 2,045,491    | 104,029                  | 32,468         |
| 1936..... | 117                     | 12,944,716                  | 5,126,431    | 110,639                  | 43,816         |
| 1937..... | 107                     | 12,918,048                  | 5,389,225    | 120,729                  | 50,366         |
| 1938..... | 62                      | 8,155,599                   | 2,964,329    | 131,542                  | 47,812         |

**INTERNAL REVENUE: PERCENTAGES OF NUMBER OF INDIVIDUAL RETURNS AND NET INCOME GROUPED BY SPECIFIED AMOUNTS, BY CALENDAR YEARS**

(Source: Commissioner of Internal Revenue)

Note—Beginning with 1938 number of returns include only those showing net income.

| YEAR     | Under \$5,000 |             | \$5,000 Under \$10,000 |             | \$10,000 Under \$25,000 |             | \$25,000 Under \$50,000 |             | \$50,000 and Over |             |
|----------|---------------|-------------|------------------------|-------------|-------------------------|-------------|-------------------------|-------------|-------------------|-------------|
|          | Re-<br>turns  | In-<br>come | Re-<br>turns           | In-<br>come | Re-<br>turns            | In-<br>come | Re-<br>turns            | In-<br>come | Re-<br>turns      | In-<br>come |
| 1929.... | 75.4          | 39.8        | 16.4                   | 21.9        | 6.4                     | 18.2        | 1.2                     | 8.1         | 0.6               | 12.0        |
| 1930.... | 80.0          | 47.2        | 14.2                   | 22.2        | 4.7                     | 15.5        | 0.7                     | 5.1         | 0.4               | 10.0        |
| 1931.... | 83.5          | 53.1        | 12.1                   | 21.3        | 3.6                     | 13.7        | 0.5                     | 4.5         | 0.3               | 7.4         |
| 1932.... | 92.1          | 69.1        | 5.8                    | 14.4        | 1.7                     | 8.9         | 0.3                     | 3.8         | 0.1               | 3.8         |
| 1933.... | 92.5          | 68.6        | 5.5                    | 14.1        | 1.5                     | 8.2         | 0.4                     | 4.9         | 0.1               | 4.2         |
| 1934.... | 90.2          | 64.1        | 7.1                    | 15.6        | 2.2                     | 10.4        | 0.4                     | 4.6         | 0.1               | 5.3         |
| 1935.... | 88.4          | 59.6        | 8.3                    | 17.4        | 2.6                     | 11.8        | 0.5                     | 5.2         | 0.2               | 6.0         |
| 1936.... | 86.3          | 53.2        | 9.3                    | 17.2        | 3.4                     | 13.8        | 0.7                     | 7.0         | 0.3               | 8.8         |
| 1937.... | 87.6          | 56.5        | 8.6                    | 16.9        | 3.0                     | 12.9        | 0.6                     | 5.4         | 0.2               | 8.3         |
| 1938.... | 89.6          | 62.6        | 7.6                    | 16.3        | 2.3                     | 10.8        | 0.4                     | 3.9         | 0.1               | 6.4         |

**ALCOHOL: WITHDRAWALS, STOCKS AND USES ETHYL AND SPECIALLY DENATURED ALCOHOL IN COLORADO IN FISCAL YEARS ENDING JUNE 30**

(Source: U. S. Commissioner of Internal Revenue)

|  | 1941   | 1940   | 1939   | 1938   | 1937   |
|--|--------|--------|--------|--------|--------|
| <b>ETHYL ALCOHOL</b><br>(In proof gallons)           |        |        |        |        |        |
| Number warehouses operated.....                      | 2      | 2      | 2      | 2      | 2      |
| <b>Withdrawals:</b>                                  |        |        |        |        |        |
| Tax-paid .....                                       | 21,866 | 30,926 | 29,926 | 42,176 | 49,822 |
| <b>Tax-free:</b>                                     |        |        |        |        |        |
| For hospitals and scientific uses                    | 21,874 | 21,632 | 19,808 | 20,537 | 19,262 |
| For use U. S. and subdivisions..                     | 1,507  | 706    | 76     | 64     | 125    |
| Total .....  | 45,247 | 53,264 | 49,810 | 62,777 | 69,209 |
| Remaining in warehouses June 30..                    | 15,088 | 4,071  | 15,508 | 16,228 | 10,752 |
| <b>SPECIALLY DENATURED ALCOHOL</b><br>(Wine gallons) |        |        |        |        |        |
| Number of manufacturers operating                    | 26     | 28     | 34     | 32     | 30     |
| Received .....                                       | 46,810 | 45,723 | 40,328 | 62,194 | 22,889 |
| Used in manufacturing.....                           | 49,396 | 41,834 | 46,224 | 56,437 | 22,947 |
| On hand June 30.....                                 | 1,889  | 4,485  | 596    | 6,492  | 750    |

### TRANSFER OF ESTATES

The federal government, through the bureau of internal revenue, imposes taxes on the transfer of estates of decedents. This tax is not an inheritance tax, although generally referred to as such, nor is it a tax upon the property or the legacy of the decedent, but upon the transfer of the estate. Returns are not required to be filed until one year after the date of the death nor upon estates not exceeding \$40,000 gross value.

The gross estate as defined by the statute includes certain transfers made in contemplation of death or intended to take effect at or after death. Under the revenue act of 1926 estates are allowed a tax credit not to exceed 80 per cent of the total federal tax for inheritance taxes paid to the state. However, no credit for state inheritance or succession taxes is allowed under supplementary federal estate taxes imposed by the laws passed in 1932 and subsequent years.

Because of frequent changes and the application of rates effective at varying dates, the figures presented here are not comparable from year to year and are given only as an index of the

amount of revenues collected in Colorado from the transfer of estates.

The gift tax imposed by the government is entirely separate and independent of the estates transfer tax. The gift tax, payable by the donor, is imposed upon the transfer of property by gift made subsequent to June 6, 1932. Any individual citizen or resident of the United States who makes any transfer by gift which exceeds \$5,000 in value to any one donee, or regardless of value if the gift consists of a future interest, must file a gift tax return. These taxes are not broken down by states in available tables of gift tax collections.

A table published on page 296 gives the amounts of inheritance taxes collected by the state in fiscal years which shows a wide variation from figures in the federal estate taxes. No comparisons between the two sets of figures are possible as the state and federal taxes are collected under entirely different laws which in many instances are dissimilar as to rates, provisions, time taxes are due and exemptions.

A table published herewith shows the number of returns, gross estates, deductions, the net taxable estate and the total tax on estates transfers in Colorado by calendar years.

### INTERNAL REVENUE: TAXABLE ESTATES OF COLORADO RESIDENT DECEDENTS AND FEDERAL TRANSFER TAXES

(Source: Commissioner of Internal Revenue)

Note—Data are for returns in calendar years subsequent to year of death of decedent. Explanation of table is given in text under "Transfer of Estates."

| Year      | Number of Returns | Gross Estate | Deductions   | Net Taxable Estate | Total Tax* |
|-----------|-------------------|--------------|--------------|--------------------|------------|
| 1929..... | 52                | \$23,487,394 | \$ 9,729,125 | \$13,758,269       | \$ 750,124 |
| 1930..... | 56                | 16,351,795   | 9,443,962    | 6,907,833          | 247,738    |
| 1931..... | 45                | 9,806,000    | 6,586,000    | 3,220,000          | 76,427     |
| 1932..... | 63                | 12,446,000   | 8,284,000    | 4,162,000          | 321,000    |
| 1933..... | 72                | 26,296,000   | 14,718,000   | 11,578,000         | †1,756,000 |
| 1934..... | 75                | 8,830,000    | 6,751,000    | 2,079,000          | 226,000    |
| 1935..... | 75                | 21,744,000   | 14,256,000   | 7,488,000          | 1,593,000  |
| 1936..... | 106               | 17,758,000   | 6,874,000    | 10,884,000         | 1,568,000  |
| 1937..... | 115               | 21,678,000   | 8,064,000    | 13,614,000         | 1,967,000  |
| 1938..... | 105               | 17,014,000   | 7,098,000    | 9,916,000          | 1,602,000  |

\*Federal tax before credit is given for payment of state inheritance tax.

†After credit for inheritance tax paid the state.

## State-School Lands

### Federal Grants, Revenues from Sales and Leases, Coal Lands, Permanent School Fund, Mexican Land Grants

WHAT is popularly known as state land in Colorado and other western public land states comprises the various areas turned over by the federal government to the state governments under general acts of congress and sundry special statutory grants, to be administered for the particular state interests in those states for which the grants were made. The most important of these grants were made under an act of congress passed in 1875, the year before Colorado became a state, by which the United States gave to each of the public land states an amount of land equal to one-eighteenth of the area of the state, for the benefit of the public schools. This is known as school land and quite generally in public land states all state land is referred to as school land, though various grants were made to the states for purposes in no way connected with the schools.

The original school land grant gave to the state sections 16 and 36 in every township. As there were large Indian reservations and extensive private land holdings in Colorado at the time the grant was made, the state was permitted to select other public lands in lieu of those within these reservations and public holdings. As a result, the state acquired large blocks of land in various localities, sometimes almost entire townships. When the national forests were created the state also exchanged considerable areas of state land within the forest boundaries for government land in other localities.

In addition to federal land granted the state there have been some accretions to total holdings through the foreclosure of farm mortgages on loans from the state school fund. The quantity of land owned by the state also undergoes changes through sales and cancellation of purchase certificates.

After these exchanges and adjustments have been made, the status of state land on June 30, 1940, was as follows:

|                                   | <b>Acres</b>     |
|-----------------------------------|------------------|
| Original grants and accruals..... | 4,583,981        |
| Land sold.....                    | 1,767,640        |
| Cancellations.....                | 471,190          |
| Net sales.....                    | <u>1,296,450</u> |
| Total remaining.....              | <u>3,287,531</u> |

Net acreage of state land, by counties, is given in a land classification table published elsewhere in this volume. A table published herewith shows the distribution of the above totals among the different grants, the acreage sold out of each, the net acreage remaining, and the acreage under lease for agricultural and grazing purposes on June 30, 1940. State land sold from the time of transfer from the federal government down to June 30, 1940, aggregated 1,767,640 acres, of which 471,190 acres reverted to the state through cancellation of purchase certificates, leaving net sales of 1,296,450 acres. The record period was in the two years ending November 30, 1910, when a total of 287,341 acres was sold at an average price of \$11.59 per acre. Sales for biennial periods, and average prices per acre, by years, since that date are as follows:

|                       | <b>Acres</b> | <b>Av. Pr.</b> |
|-----------------------|--------------|----------------|
| 1911-1912.....        | 79,639       | \$10.38        |
| 1913-1914.....        | 91,216       | 7.35           |
| 1915-1916.....        | 134,219      | 10.27          |
| 1917-1918.....        | 224,006      | 14.37          |
| 1919-1920.....        | 156,502      | 21.38          |
| 1921-1922.....        | 33,754       | 17.74          |
| 1923-1924.....        | 10,347       | 12.62          |
| 1925-1926.....        | 21,384       | 13.28          |
| 1927-1928.....        | 25,513       | 15.33          |
| 1929-1930.....        | 99,136       | 10.96          |
| Dec. 1, 1930-June 30, |              |                |
| 1932*.....            | 25,030       | 9.55           |
| 1932-1934.....        | 4,375        | 12.03          |
| 1935-1936.....        | 9,218        | 11.76          |
| 1937-1938.....        | 19,770       | 11.76          |
| 1939-1940.....        | 30,757       | 8.18           |

\*Prior to 1930 fiscal years ended on November 30. Thereafter they ended on June 30.

A summary of the acreage under lease on June 30, 1940, is as follows:

|                              | <b>Acres</b>  |
|------------------------------|---------------|
| Agriculture and grazing..... | 2,945,146     |
| Mineral.....                 | 750           |
| Clays, limestone, etc.....   | 7,570         |
| Oil and gas.....             | 161,197       |
| Coal.....                    | <u>12,685</u> |
| Total.....                   | 3,127,348     |

The state reserves the mineral rights under all land sold and leases for coal, oil, gas and minerals listed above are in part upon land reported sold for agricultural purposes.

Acres of state land under lease for oil and gas at the end of biennial periods and rentals and royalties paid are as follows:

| Year           | Acres   | Rentals and Royalties |
|----------------|---------|-----------------------|
| 1924           | 506,386 | \$ 52,653             |
| 1926           | 219,398 | 38,756                |
| 1928           | 207,854 | 38,607                |
| 1930           | 516,710 | 103,294               |
| 1932 (19 mos.) | 464,602 | 43,767                |
| 1934           | 393,829 | 57,125                |
| 1936           | 537,801 | 129,893               |
| 1938           | 416,299 | 114,094               |
| 1940           | 161,197 | 46,140                |

Acres leased for coal at the end of biennial periods and income received therefrom during the period were as follows:

| Year           | Acres  | Income    |
|----------------|--------|-----------|
| 1918           | 13,469 | \$190,663 |
| 1920           | 13,634 | 174,113   |
| 1922           | 17,114 | 141,306   |
| 1924           | 13,948 | 171,112   |
| 1926           | 14,034 | 215,231   |
| 1928           | 17,814 | 188,723   |
| 1930           | 15,774 | 197,916   |
| 1932 (19 mos.) | 15,034 | 95,322    |
| 1934           | 14,394 | 50,038    |
| 1936           | 13,120 | 50,250    |
| 1938           | 14,040 | 52,137    |
| 1940           | 12,685 | 54,534    |

Coal mined on state land during biennial periods, in tons, is as follows:

| Year                | Tons      |
|---------------------|-----------|
| 1927-1928           | 1,479,073 |
| 1929-1930           | 1,227,158 |
| 1931-1932 (19 mos.) | 374,621   |
| 1932-1934           | 352,981   |
| 1934-1936           | 273,467   |
| 1937-1938           | 399,237   |
| 1939-1940           | 380,927   |

Receipts of the land board from all sources, including sales of land, rentals and royalties, interest, etc., paid to the state treasurer for biennial periods ending November 30 down to and including 1930 and June 30 thereafter are as follows:

| Year           | Amount      |
|----------------|-------------|
| 1914           | \$1,364,764 |
| 1916           | 1,788,430   |
| 1918           | 2,509,238   |
| 1920           | 3,160,643   |
| 1922           | 2,053,990   |
| 1924           | 1,908,170   |
| 1926           | 2,275,575   |
| 1928           | 1,912,417   |
| 1930           | 1,895,065   |
| 1932 (19 mos.) | 1,040,210   |
| 1934           | 826,386     |
| 1936           | 1,157,405   |
| 1938           | 1,371,370   |
| 1940           | 1,146,779   |

The terms of the grants from the government provide that funds derived from the sale of land shall go into permanent funds and only the interest and the revenues derived from the administration of the unsold land shall be used for the benefit of the schools or special interests for which the grants were made. These permanent funds are mostly invested in interest-bearing securities. The amounts in the principal funds on June 30, 1940, were as follows:

|                      |                 |
|----------------------|-----------------|
| Public school        | \$11,640,489.81 |
| Agricultural college | 501,520.76      |
| University           | 98,430.14       |
| Total                | \$12,240,440.71 |

The income from these funds is deposited with the state treasurer and on the first of January and July of each year the amount is apportioned to the various counties of the state for distribution to the public schools or to the Agricultural College and the State University according to the law. For the period ending June 30, 1940, these transactions were as follows:

|                                    |                |
|------------------------------------|----------------|
| Reported by treasurer              | \$1,449,667.50 |
| Apportioned (Teachers Min. Salary) | 1,449,667.44   |
| Not apportioned                    | \$ .06         |

The permanent school fund was invested on June 30, 1940, as follows:

|                            |                 |
|----------------------------|-----------------|
| State bonds                | \$ 2,190,897.92 |
| County and municipal bonds | 3,824,943.08    |
| Bonds of school districts  | 3,655,309.01    |
| Farm loans                 | 968,167.88      |
| United States bonds        | 399,802.50      |
| Cash                       | 601,369.42      |
| Total                      | \$11,640,489.81 |

An accompanying table shows farm loans from the school fund outstanding on June 30, 1938, by counties, number of loans, acreage, appraised value and amount of loans.

State land, which is administered by the state board of land commissioners, is leased and sold under regulations made by the board, which may be obtained from that body upon application. Leases are made for grazing purposes, for agriculture and for exploration for oil, gas, minerals, coal, clay, etc. Before any state land can be sold it must be appraised by representatives of the board and the applicant must agree to pay the price fixed by the appraiser. The land is then sold at public auction, selling at or above the appraised price, the minimum legal price being \$3.50 per acre. The terms upon which state land may be purchased are very liberal. Ten per cent of the purchase price is payable in cash and the remainder is payable in installments extending over a period of 33 years. Leases are made in much the same way, minimum prices being fixed at which state land may be leased for various purposes.

Of the 3,287,531 acres of state land in Colorado, approximately 473,692 acres is coal land, according to estimates made by the mineral superintendent of the state land board. This is the most valuable asset owned by the state, practically all of which was granted to Colorado by the federal government for the benefit of the pub-

lic school system. The value of this land is estimated at approximately \$100,000,000. It is distributed through nearly every coal-bearing district in the state as follows:

|                             |  |              |
|-----------------------------|--|--------------|
| <b>Canon City District</b>  |  | <b>Acres</b> |
| Fremont county.....         |  | 1,960        |
| <b>Northern Coal Fields</b> |  |              |
| Adams county.....           |  | 9,600        |
| Arapahoe county.....        |  | 9,080        |
| Boulder county.....         |  | 760          |
| Denver county.....          |  | 1,920        |
| Douglas county.....         |  | 13,180       |
| Elbert county.....          |  | 30,020       |
| El Paso county.....         |  | 44,700       |
| Jefferson county.....       |  | 1,820        |
| Weld county.....            |  | 75,560       |
| <b>Southern Coal Field</b>  |  |              |
| Huerfano county.....        |  | 11,400       |
| Las Animas county.....      |  | 33,360       |
| <b>Yampa Coal Fields</b>    |  |              |
| Moffat county.....          |  | 120,400      |
| Routt county.....           |  | 69,720       |
| <b>Miscellaneous</b>        |  | <b>Acres</b> |
| Archuleta county.....       |  | 732          |
| Grand county.....           |  | 2,960        |
| Gunnison county.....        |  | 3,440        |
| Jackson county.....         |  | 25,080       |
| La Plata county.....        |  | 9,960        |
| Montezuma county.....       |  | 4,160        |
| Park county.....            |  | 3,880        |
| Total coal area.....        |  | 473,692      |

The estimates of the acreage and distribution of state coal lands are based on the reports of the United States geological survey. It is assumed that a very large percentage of the coal acreage will not be found to contain workable coal, and the estimates of value are based on this assumption. Government appraisers have placed the value of public coal land in Colorado at from \$100 to \$400 per acre, depending on the character of the deposits and their accessibility. The value of state coal land has been estimated at a little more than \$200 per acre, which is generally conceded to be very conservative.

Additional information on the coal reserves of the state are given on pages 147 and 148 in this volume in which the types of coal produced are shown in tonnage and percentages. These figures disclose that 64 per cent of the coal actually produced in the state is classed as bituminous, while less than one per cent is anthracite. The state's coal land is widely scattered and embraces all of the grades which are being produced. The state-owned areas are included in the three surveys which are summarized in the chapter on coal beginning on page 148 of this volume.

**STATUS OF VARIOUS LAND GRANTS, JUNE 30, 1940**

(Source: State Land Board)

| GRANT                     | Acres Original Grant (Net) | Acres Sold | Net Acres Remaining | Acres Under Lease |
|---------------------------|----------------------------|------------|---------------------|-------------------|
| School .....              | 3,753,965                  | 803,596    | 2,950,369           | *2,945,146        |
| Agricultural college..... | 90,000                     | 58,164     | 31,836              | 29,103            |
| Internal improvement..... | 499,790                    | 342,578    | 157,212             | 164,426           |
| Penitentiary .....        | 31,985                     | 22,656     | 9,329               | 8,418             |
| Public building.....      | 31,905                     | 27,271     | 4,634               | 4,118             |
| Saline .....              | 18,830                     | 6,273      | 12,557              | 12,449            |
| Reformatory .....         | 520                        | .....      | 520                 | .....             |
| University .....          | 45,844                     | 36,753     | 9,091               | 7,626             |
| General fund.....         | 33,173                     | 2,796      | 30,377              | 23,251            |
| Permanent fund.....       | 75,613                     | 12,007     | 63,606              | 50,911            |
| Total .....               | 4,581,625                  | 1,312,094  | 3,269,531           | 3,245,448         |

\*Includes some duplication, where surface and mineral leases exist on same areas.

**PERMANENT SCHOOL FUND: FARM LOANS OUTSTANDING JUNE 30, 1940**  
(Source: State Land Board)

| COUNTY           | No. Loans | Total Acreage | Appraised Value | Amount of Loans |
|------------------|-----------|---------------|-----------------|-----------------|
| Adams .....      | 19        | 4,657         | \$ 178,240.00   | \$ 40,439.08    |
| Alamosa .....    | 9         | 2,715         | 114,700.00      | 26,545.78       |
| Arapahoe .....   | 9         | 1,800         | 82,600.00       | 22,424.10       |
| Archuleta .....  | 2         | 360           | 16,100.00       | 2,500.00        |
| Baca .....       | 18        | 6,728         | 132,157.00      | 24,250.62       |
| Bent .....       | 5         | 1,303         | 98,355.00       | 19,947.90       |
| Cheyenne .....   | 18        | 6,243         | 158,330.00      | 37,530.65       |
| Conejos .....    | 9         | 1,557         | 104,735.00      | 23,486.28       |
| Costilla .....   | 5         | 3,406         | 89,230.00       | 17,762.55       |
| Crowley .....    | 3         | 1,140         | 36,660.00       | 9,474.50        |
| Delta .....      | 2         | 340           | 22,410.00       | 6,328.10        |
| Dolores .....    | 5         | 952           | 21,330.00       | 2,950.00        |
| Douglas .....    | 2         | 480           | 11,375.00       | 2,967.76        |
| Elbert .....     | 13        | 5,618         | 110,045.00      | 27,262.00       |
| El Paso .....    | 1         | 160           | 3,400.00        | 800.00          |
| Fremont .....    | 2         | 1,038         | 28,300.00       | 7,854.20        |
| Grand .....      | 1         | 160           | 7,495.00        | 1,000.00        |
| Huerfano .....   | 7         | 2,801         | 36,385.00       | 8,606.84        |
| Jefferson .....  | 29        | 2,152         | 302,563.00      | 78,755.95       |
| Kiowa .....      | 11        | 3,780         | 90,901.00       | 17,428.20       |
| Kit Carson ..... | 21        | 9,000         | 126,265.00      | 49,786.94       |
| La Plata .....   | 15        | 2,852         | 190,380.00      | 40,948.20       |
| Larimer .....    | 1         | 160           | 4,200.00        | 1,250.00        |
| Las Animas ..... | 23        | 8,581         | 188,953.00      | 36,102.71       |
| Lincoln .....    | 21        | 8,823         | 207,415.00      | 51,849.69       |
| Logan .....      | 21        | 4,765         | 168,069.00      | 34,258.27       |
| Moffat .....     | 6         | 2,898         | 109,630.00      | 23,595.71       |
| Montezuma .....  | 36        | 4,094         | 390,005.00      | 72,515.87       |
| Morgan .....     | 26        | 6,460         | 184,226.00      | 44,728.38       |
| Otero .....      | 1         | 75            | 3,675.00        | 1,243.75        |
| Park .....       | 3         | 4,240         | 45,650.00       | 11,266.39       |
| Pueblo .....     | 5         | 1,760         | 26,051.00       | 6,606.32        |
| Rio Blanco ..... | 2         | 1,217         | 51,801.00       | 11,036.25       |
| Rio Grande ..... | 8         | 2,228         | 174,320.00      | 42,057.14       |
| Routt .....      | 14        | 6,608         | 195,514.00      | 50,740.25       |
| Saguache .....   | 3         | 1,200         | 43,975.00       | 11,764.50       |
| San Miguel ..... | 1         | 280           | 3,575.00        | 900.00          |
| Washington ..... | 8         | 2,650         | 72,543.00       | 20,105.54       |
| Weld .....       | 36        | 9,138         | 325,734.00      | 74,470.38       |
| Yuma .....       | 4         | 1,125         | 17,080.00       | 4,718.03        |
| Total .....      | 425       | 125,544       | \$4,174,372.00  | \$ 968,258.83   |

**MEXICAN LAND GRANTS**

Maps of Colorado generally show large areas of land along the southern boundary which are designated as land grants. These are referred to popularly as "Spanish land grants," but more correctly they are known as Mexican land grants, since they were made subsequent to the proclaiming in 1810 of Mexico's independence of Spain. Most of these grants, in which the titles originate in the government of Mexico, were bestowed in the early 40s, but successful occupation of the tracts was not accomplished for a number of years. Following the signing of the Treaty of Guadalupe Hidalgo in 1848, which guaranteed to the Mexicans their private property rights, the United States set up the machinery necessary to ascertain the origin, nature and extent of the claims to the land under the laws, usages and customs of Spain and Mexico, and such claims as were found to be valid were confirmed by congress. In the years following the confirmation of titles down to the present the land embraced in the grants has been extensively developed and within the areas are cities and towns, agricultural communities, valuable coal and mineral properties and other evidences of substantial growth.

The Beaubien and Miranda, or Maxwell land grant, embraces more than one million acres of land, of which ap-

proximately 380,000 acres is in Colorado, in the southern and southwestern parts of Las Animas county. The grant was confirmed by congress in 1860.

The Sangre de Cristo grant, the largest of the group and including more than a million acres, embraces the greater part of the valleys of the Costilla, Culebra and Trinchera rivers in the San Luis valley and extends from the Rio Grande river to the summit of the Sangre de Cristo range. It is principally in Costilla county.

The Nolan grant, located along the St. Charles river, in Pueblo county, to the south and southwest of Pueblo was confirmed in 1870 as to 48,695 acres.

The Vigil and St. Vrain grant is in the valleys of the Huerfano, Apishapa and Cucharas rivers, lies to the north of the Maxwell grant and southeast of the Nolan grant and originally embraced more than 4,000,000 acres, but was reduced by congress to 97,390 acres.

The Conejos grant, involving a large tract in Conejos county, was never confirmed and most of the land was taken up under the United States homestead laws, in many instances by original grantees.

The Tierra Amarilla grant is mostly in New Mexico, with only a small part of it extending up into Archuleta county.

**State Institutions and State Property**

**Names, Location, Disbursements, Population and Value, Inventory of State Property, State Capitol Buildings, Penitentiary, Insane Asylum**

**T**HE state of Colorado maintains 18 penal, eleemosynary and educational institutions. The penal and reform institutions, and their locations, are as follows:

- Penitentiary.....Canon City
- Industrial school for boys.....Golden
- Industrial school for girls.....Morrison
- Reformatory.....Buena Vista

The eleemosynary institutions, and their locations, are as follows:

- Home for dependent and neglected children .....Denver
- Insane hospital.....Pueblo
- Home and training school for mental defectives.....Grand Junction
- Home and training school for mental defectives .....Ridge
- Soldiers and sailors home...Monte Vista
- Industrial workshop for the blind..Denver

The educational institutions, and their locations, are as follows:

- College of Agricultural and Mechanic Arts.....Fort Collins
- School of Mines.....Golden
- College of Education.....Greeley
- University of Colorado.....Boulder
- Western state college.....Gunnison
- Adams teachers college.....Alamosa
- Deaf and blind school...Colorado Springs
- Fort Lewis school.....Hesperus

The governing boards of all state institutions are appointed by the governor, with the exception of the state university at Boulder, which is under the supervision of a board of regents elected by the voters of the state.

Total disbursements, by fiscal years, of all state institutions, with amount and per cent of increase over the preceding years, are as follows:

| Year  | Total       | Increase    | Per Cent |
|-------|-------------|-------------|----------|
| 1922  | \$5,208,613 | .....       | .....    |
| 1923  | 6,379,229   | \$1,170,616 | 22.47    |
| 1924  | 7,078,407   | 699,178     | 10.96    |
| 1925  | 6,467,010   | -611,397    | -8.64    |
| 1926  | 6,459,402   | -7,608      | -0.12    |
| 1927  | 6,709,394   | 249,992     | 3.87     |
| 1928  | 6,856,759   | 147,365     | 2.20     |
| 1930* | 7,738,190   | 881,431     | 12.85    |
| 1931  | 7,502,065   | -236,125    | -3.05    |
| 1932  | 7,507,867   | 5,802       | 0.08     |
| 1933  | 6,215,532   | -1,292,335  | -17.21   |
| 1934  | 5,919,420   | -296,112    | -4.76    |
| 1935  | 6,352,313   | 432,893     | 7.31     |
| 1936  | 7,418,250   | 1,065,937   | 16.78    |
| 1937  | 8,512,149   | 1,093,899   | 14.74    |
| 1938  | 8,569,637   | 57,488      | 0.67     |
| 1939  | 10,138,101  | 1,568,464   | 15.47    |

(—) Denotes decrease.

\*End of fiscal year changed from Nov. 30 to June 30 in 1929.

Disbursements of all institutions for the fiscal year ending June 30, 1939, were \$10,138,101, of which \$6,961,697 or 68.7 per cent were for educational; \$1,268,000 or 12.5 per cent, penal and reform; and \$1,908,403 or 18.9 per cent eleemosynary institutions.

Accompanying tables show these disbursements, by institutions and items, for the fiscal years of 1938 and 1939, and total disbursements, by institutions, by years.

The inventory values of land, buildings and equipment of the above named institutions on June 30, of the years named, as reported by the public examiner, and exclusive of cash funds, are as follows:

| Year | Value        |
|------|--------------|
| 1924 | \$17,973,107 |
| 1926 | 23,558,543   |
| 1928 | 22,750,651   |
| 1930 | 23,889,910   |
| 1932 | 24,970,203   |
| 1934 | 24,852,261   |
| 1936 | 26,946,013   |
| 1938 | 29,612,198   |
| 1940 | 33,975,308   |

A table giving details of valuations of state institutions is published in a succeeding table under the heading "Inventory Value of State Property." Additional information on the state educational institutions will be found in the chapter elsewhere in this volume under "Educational," and of individual institutions by name under sub-headings.

The total population of state institutions, exclusive of universities and colleges, has shown a steady increase in recent years. Population by years and institutions is shown in a separate table.

### INVENTORY VALUE OF STATE PROPERTY

(Source: Public Examiner)

Note—Another table shows inventory as of June 30, 1940, classified as to institutions and departments.

| CLASSIFICATION                                    | June 30, 1940         | June 30, 1938         | June 30, 1936        | June 30, 1934        | June 30, 1932        |
|---|-----------------------|-----------------------|----------------------|----------------------|----------------------|
| Lands -----                                       | \$ 37,020,700         | \$ 35,979,434         | \$ 35,751,565        | \$ 34,504,420        | \$ 45,817,678        |
| Buildings and improvements---                     | 170,647,362           | 146,738,665           | 105,389,481          | 90,985,874           | 81,776,956           |
| Machinery -----                                   | 1,786,490             | 1,297,033             | 1,370,899            | 1,247,882            | 1,276,187            |
| Tools and equipment-----                          | 1,164,507             | 1,203,159             | 881,721              | 905,121              | 717,216              |
| Furniture and office equipment                    | 2,916,254             | 2,192,383             | 1,708,862            | 1,668,898            | 1,809,258            |
| Libraries and collections ----                    | 1,937,987             | 1,896,848             | 1,795,454            | 1,645,415            | 1,580,210            |
| Automobiles, trucks, etc.-----                    | 901,373               | 994,662               | 723,261              | 552,539              | 630,631              |
| General supplies -----                            | 525,855               | 407,310               | 310,835              | 336,019              | 495,623              |
| Livestock -----                                   | 1,713,993             | 1,362,379             | 1,340,941            | 1,242,244            | 1,246,439            |
| Land, water and mineral rights                    | 100,042,055           | 100,052,315           | 100,424,700          | 100,128,890          | 100,105,175          |
| Cash in funds, institutions and departments ----- | -----                 | -----                 | 21,056,353           | 10,654,765           | 12,241,392           |
| <b>Totals -----</b>                               | <b>*\$318,655,576</b> | <b>*\$292,124,188</b> | <b>\$270,754,072</b> | <b>\$243,872,067</b> | <b>\$247,696,765</b> |

\*Exclusive of cash in funds, institutions and departments.

DISBURSEMENTS OF STATE INSTITUTIONS BY FISCAL YEARS ENDING JUNE 30  
(Source: Public Examiner)

| INSTITUTION                                 | 1939                | 1938               | 1937               | 1936               | 1935               | 1934               |
|---|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>Educational:</b>                         |                     |                    |                    |                    |                    |                    |
| Agricultural college-----                   | \$1,657,315         | \$1,297,990        | \$1,373,920        | \$1,291,489        | \$ 917,072         | \$ 890,008         |
| Fort Lewis school -----                     | 101,516             | 115,492            | 92,071             | 105,356            | 83,206             | 76,618             |
| Adams State Teachers-----                   | 214,578             | 82,014             | 78,494             | 73,277             | 64,075             | 61,397             |
| School of Mines -----                       | 622,068             | 462,313            | 400,136            | 355,504            | 305,669            | 279,473            |
| College of Education -----                  | 755,842             | 565,514            | 617,391            | 570,977            | 511,894            | 462,910            |
| University of Colorado ---                  | 3,203,113           | 3,126,085          | 2,953,597          | 2,090,360          | 2,014,626          | 1,968,363          |
| Western State college -----                 | 235,143             | 166,703            | 157,681            | 157,246            | 143,559            | 142,159            |
| Deaf and Blind school ----                  | 172,121             | 176,100            | 171,807            | 173,490            | 163,097            | 155,275            |
| <b>Total -----</b>                          | <b>\$6,961,696</b>  | <b>\$5,992,211</b> | <b>\$5,845,097</b> | <b>\$4,817,699</b> | <b>\$4,203,198</b> | <b>\$4,036,203</b> |
| <b>Eleemosynary:</b>                        |                     |                    |                    |                    |                    |                    |
| Dependent and Neglected<br>Children -----   | \$ 96,810           | \$ 105,088         | \$ 96,865          | \$ 101,167         | \$ 96,892          | \$ 124,688         |
| Insane Hospital -----                       | 1,284,765           | 1,085,158          | 1,141,530          | 1,171,707          | 1,026,395          | 784,903            |
| Mental Defectives (Ridge)--                 | 159,017             | 65,359             | 151,202            | 130,407            | 49,470             | 40,733             |
| Mental Defectives (Grand<br>Junction) ----- | 210,571             | 119,068            | 198,732            | 147,987            | 84,542             | 74,463             |
| Soldiers' and Sailors' Home--               | 65,758              | 68,402             | 74,830             | 58,710             | 64,254             | 64,726             |
| Workshop for Blind -----                    | 91,483              | 33,963             | 35,269             | 38,150             | 46,701             | 32,375             |
| <b>Total -----</b>                          | <b>\$1,908,404</b>  | <b>\$1,477,038</b> | <b>\$1,698,428</b> | <b>\$1,648,128</b> | <b>\$1,368,254</b> | <b>\$1,121,888</b> |
| <b>Penal and Reform:</b>                    |                     |                    |                    |                    |                    |                    |
| Penitentiary -----                          | \$ 805,375          | \$ 794,689         | \$ 637,219         | \$ 671,022         | \$ 513,772         | \$ 484,096         |
| Industrial School, boys ----                | 213,777             | 137,901            | 158,249            | 126,383            | 139,644            | 152,247            |
| Industrial School, girls ----               | 84,495              | 68,238             | 65,720             | 65,456             | 65,142             | 58,360             |
| Reformatory -----                           | 164,353             | 99,560             | 107,436            | 89,562             | 62,303             | 66,626             |
| <b>Total -----</b>                          | <b>\$1,268,000</b>  | <b>\$1,100,388</b> | <b>\$ 968,624</b>  | <b>\$ 952,423</b>  | <b>\$ 780,861</b>  | <b>\$ 761,329</b>  |
| <b>Recapitulation:</b>                      |                     |                    |                    |                    |                    |                    |
| Educational -----                           | \$6,961,696         | \$5,992,211        | \$5,845,097        | \$4,817,699        | \$4,203,198        | \$4,036,203        |
| Eleemosynary -----                          | 1,908,404           | 1,477,038          | 1,698,428          | 1,648,128          | 1,368,254          | 1,121,888          |
| Penal and Reform -----                      | 1,268,000           | 1,100,388          | 968,624            | 952,423            | 780,861            | 761,329            |
| <b>Grand Total -----</b>                    | <b>\$10,138,100</b> | <b>\$8,569,637</b> | <b>\$8,512,149</b> | <b>\$7,418,250</b> | <b>\$6,352,313</b> | <b>\$5,919,420</b> |

**INVENTORY OF STATE PROPERTY JUNE 30, 1940**  
(Source: Public Examiner)

| INSTITUTION                       | Lands               | Buildings and Improvements | Machinery, Equipment and Supplies | Furniture and Fixtures | Libraries and Collections | Autos, Trucks and Tractors | Livestock          | Water, Coal and Mineral Rights | *Total               |
|-----------------------------------|---------------------|----------------------------|-----------------------------------|------------------------|---------------------------|----------------------------|--------------------|--------------------------------|----------------------|
|                                   |                     |                            |                                   |                        |                           |                            |                    |                                |                      |
| Adams State Teachers              | \$ 20,164           | \$ 641,757                 | \$ 8,000                          | \$ 35,000              | \$ 21,000                 | \$ 100                     | .....              | .....                          | \$ 726,021           |
| Fort Lewis School                 | 94,777              | 392,711                    | 40,461                            | 24,041                 | 17,090                    | 14,153                     | 28,332             | .....                          | 611,565              |
| Agricultural College              | 653,951             | 2,952,003                  | 396,137                           | 193,068                | 289,955                   | 21,105                     | 33,294             | .....                          | 4,538,613            |
| Deaf and Blind School             | 45,800              | 971,600                    | 87,736                            | 22,637                 | 20,714                    | 2,313                      | 4,868              | .....                          | 1,155,668            |
| School of Mines                   | 174,064             | 1,012,918                  | 457,696                           | 156,151                | 112,197                   | 2,160                      | .....              | .....                          | 1,915,186            |
| College of Education              | 210,000             | 1,733,481                  | 35,842                            | 330,250                | 62,750                    | 2,050                      | .....              | .....                          | 2,374,373            |
| University of Colorado            | 552,000             | 7,634,257                  | 752,275                           | 718,352                | 860,000                   | 31,934                     | .....              | .....                          | 10,548,868           |
| Western State College             | 12,119              | 650,076                    | 3,555                             | 78,398                 | 36,120                    | 1,760                      | .....              | .....                          | 782,028              |
| Penitentiary                      | 169,750             | 1,668,718                  | 266,571                           | 14,463                 | 50                        | 6,946                      | 30,368             | .....                          | 2,156,866            |
| Reformatory                       | 49,200              | 339,000                    | 90,000                            | 13,000                 | 1,500                     | 6,000                      | 35,000             | .....                          | 533,700              |
| Industrial School, Boys           | 52,000              | 500,000                    | 86,273                            | 6,000                  | 2,000                     | 3,000                      | 8,500              | .....                          | 657,773              |
| Industrial School, Girls          | 10,050              | 325,300                    | 36,325                            | 1,050                  | 250                       | 1,200                      | 800                | \$ 4,950                       | 379,925              |
| Dependent and Neglected Children  | 53,920              | 237,170                    | 37,317                            | 19,894                 | .....                     | 650                        | 6,975              | .....                          | 355,926              |
| Mental Defectives, Grand Junction | 18,000              | 623,000                    | 47,625                            | 91,000                 | 475                       | 2,500                      | 5,065              | 1,680                          | 789,345              |
| Mental Defectives, Ridge          | 62,000              | 494,390                    | 35,947                            | 27,000                 | 300                       | 2,500                      | 6,000              | 7,700                          | 635,837              |
| Hospital for the Insane           | 227,300             | 4,206,259                  | 549,810                           | 186,189                | 1,756                     | 6,861                      | 47,704             | 19,725                         | 5,245,697            |
| Soldiers' and Sailors' Home       | 64,000              | 385,650                    | 63,000                            | 18,000                 | 900                       | 1,100                      | 7,087              | 8,000                          | 547,737              |
| Workshop for Blind                | .....               | 9,808                      | 10,462                            | .....                  | .....                     | .....                      | .....              | .....                          | 20,270               |
| Capitol Buildings                 | 1,045,122           | 6,791,567                  | 236,234                           | 289,160                | .....                     | .....                      | .....              | .....                          | 8,362,083            |
| Game and Fish Department          | 710,754             | 488,381                    | 50,700                            | 7,307                  | .....                     | 28,632                     | 1,500,000          | .....                          | 2,785,834            |
| Highway Commission                | .....               | 137,286,576                | 60,906                            | 44,976                 | .....                     | 697,630                    | .....              | .....                          | 138,090,088          |
| Land Board                        | 32,714,019          | 4,750                      | 3,450                             | 4,791                  | 500                       | 880                        | .....              | 100,000,000                    | 132,728,390          |
| Military Department               | 42,410              | 693,578                    | 20,839                            | 7,557                  | .....                     | 2,347                      | .....              | .....                          | 766,731              |
| State Fair                        | 40,000              | 603,000                    | 5,000                             | 500                    | .....                     | 2,000                      | .....              | .....                          | 650,500              |
| Historical Society                | .....               | .....                      | 50                                | 3,967                  | 130,955                   | 100                        | .....              | .....                          | 135,072              |
| Treasurer                         | .....               | .....                      | 2,600                             | 9,750                  | 10,500                    | .....                      | .....              | .....                          | 22,850               |
| Miscellaneous Departments         | 200                 | 1,412                      | 91,041                            | 613,753                | 368,975                   | 63,334                     | .....              | .....                          | 1,138,720            |
| <b>Totals</b>                     | <b>\$37,020,700</b> | <b>\$170,647,362</b>       | <b>\$3,475,852</b>                | <b>\$2,916,254</b>     | <b>\$1,937,987</b>        | <b>\$901,373</b>           | <b>\$1,713,993</b> | <b>\$100,042,055</b>           | <b>\$318,655,576</b> |

\*Exclusive of Cash on Hand. Cash on hand on June 30, 1940 for departments and funds was \$29,270.882.

DISBURSEMENTS OF STATE INSTITUTIONS FOR FISCAL YEAR ENDING JUNE 30, 1939.

(Source: Public Examiner)

| INSTITUTION                       | Salaries              |             | Maintenance           |             | Equipment           |            | Lands, Buildings and Improvements |             | Miscellaneous        |            | Total                  |
|-----------------------------------|-----------------------|-------------|-----------------------|-------------|---------------------|------------|-----------------------------------|-------------|----------------------|------------|------------------------|
|                                   | Amount                | Per Cent    | Amount                | Per Cent    | Amount              | Per Cent   | Amount                            | Per Cent    | Amount               | Per Cent   |                        |
|                                   |                       |             |                       |             |                     |            |                                   |             |                      |            |                        |
| <b>Educational:</b>               |                       |             |                       |             |                     |            |                                   |             |                      |            |                        |
| Agricultural College              | \$ 924,116.89         | 55.8        | \$ 231,021.78         | 13.9        | \$ 11,799.05        | 0.7        | \$ 359,691.22                     | 21.7        | \$ 130,686.05        | 7.9        | \$ 1,657,314.99        |
| Fort Lewis School                 | 61,429.38             | 63.5        | 35,862.10             | 35.3        | 302.03              | 0.3        | -----                             | ---         | 922.71               | 0.9        | 101,516.22             |
| Adams State Teachers              | 55,225.34             | 24.8        | 15,284.74             | 7.1         | 1,114.34            | 0.5        | 144,952.79                        | 67.6        | -----                | ---        | 214,578.21             |
| Deaf and Blind                    | 123,269.02            | 71.6        | 45,332.58             | 26.3        | 1,078.89            | 0.1        | 595.84                            | 0.4         | 2,815.57             | 1.6        | 172,120.90             |
| School of Mines                   | 256,138.47            | 41.1        | 96,468.55             | 15.5        | 1,073.48            | 0.2        | 235,906.23                        | 37.9        | 32,481.79            | 5.3        | 622,068.52             |
| College of Education              | 423,383.07            | 56.0        | 72,262.23             | 9.6         | -----               | ---        | 240,109.26                        | 31.8        | 20,087.32            | 2.6        | 755,841.88             |
| University of Colorado            | 1,426,066.82          | 44.5        | 749,910.61            | 23.4        | 12,080.11           | 0.4        | 709,548.52                        | 22.2        | 305,506.63           | 3.5        | 3,203,112.69           |
| Western State College             | 110,907.16            | 47.2        | 38,499.72             | 16.4        | 2,784.87            | 1.2        | 82,291.17                         | 35.0        | 660.29               | 0.2        | 235,143.21             |
| <b>Total</b>                      | <b>\$3,381,537.15</b> | <b>48.5</b> | <b>\$1,284,642.31</b> | <b>18.5</b> | <b>\$ 29,261.77</b> | <b>0.4</b> | <b>\$1,773,095.03</b>             | <b>25.5</b> | <b>\$ 493,160.36</b> | <b>7.1</b> | <b>\$ 6,961,696.62</b> |
| <b>Penal and Reform:</b>          |                       |             |                       |             |                     |            |                                   |             |                      |            |                        |
| Penitentiary                      | \$ 234,084.20         | 29.1        | \$ 367,274.62         | 45.6        | \$ 18,338.81        | 2.3        | \$ 125,344.03                     | 15.6        | \$ 60,332.84         | 7.4        | \$ 805,374.50          |
| Reformatory                       | 37,836.79             | 23.0        | 60,954.51             | 37.1        | 13,215.64           | 8.0        | 48,163.49                         | 29.3        | 4,182.97             | 2.6        | 164,353.40             |
| Boys' Industrial School           | 74,582.03             | 34.9        | 78,813.89             | 36.9        | 3,471.74            | 1.6        | 55,884.28                         | 26.1        | 1,025.36             | 0.5        | 213,777.30             |
| Girls' Industrial School          | 30,453.35             | 36.0        | 29,211.79             | 34.6        | 570.00              | 0.7        | 23,124.31                         | 27.4        | 1,135.91             | 1.3        | 84,495.36              |
| <b>Total</b>                      | <b>\$ 376,956.37</b>  | <b>29.7</b> | <b>\$ 536,254.81</b>  | <b>42.3</b> | <b>\$ 35,596.19</b> | <b>2.8</b> | <b>\$ 252,516.11</b>              | <b>19.9</b> | <b>\$ 66,677.08</b>  | <b>5.3</b> | <b>\$ 1,268,000.56</b> |
| <b>Eleemosynary:</b>              |                       |             |                       |             |                     |            |                                   |             |                      |            |                        |
| Dependent and Neglected Children  | \$ 33,737.17          | 34.8        | \$ 61,324.34          | 63.3        | \$ 791.51           | 0.8        | \$ 429.20                         | 0.5         | \$ 527.88            | 0.6        | \$ 96,810.10           |
| Hospital for Insane               | 508,185.45            | 39.6        | 500,556.69            | 39.0        | 3,730.32            | 0.3        | 260,156.26                        | 20.2        | 12,136.32            | 0.9        | 1,284,765.04           |
| Mental Defectives, Ridge          | 34,088.20             | 21.4        | 40,209.93             | 25.3        | 4,100.77            | 2.6        | 80,569.97                         | 50.7        | 47.97                | ---        | 159,016.84             |
| Mental Defectives, Grand Junction | 30,880.93             | 14.7        | 70,007.44             | 33.2        | 2,259.65            | 1.1        | 107,068.60                        | 50.8        | 354.61               | 0.2        | 210,571.23             |
| Soldiers' and Sailors' Home       | 30,124.67             | 45.8        | 35,454.37             | 53.9        | 178.70              | 0.3        | -----                             | ---         | -----                | ---        | 65,757.74              |
| Workshop for Blind                | 16,886.69             | 18.5        | 23,079.02             | 25.2        | 208.19              | 0.2        | 51,308.60                         | 56.1        | -----                | ---        | 91,482.50              |
| <b>Total</b>                      | <b>\$ 653,903.11</b>  | <b>34.3</b> | <b>\$ 730,631.79</b>  | <b>38.3</b> | <b>\$ 11,269.14</b> | <b>0.6</b> | <b>\$ 499,532.63</b>              | <b>26.2</b> | <b>\$ 13,066.78</b>  | <b>0.6</b> | <b>\$ 1,948,403.45</b> |
| <b>Recapitulation:</b>            |                       |             |                       |             |                     |            |                                   |             |                      |            |                        |
| Educational                       | \$3,381,537.15        | 48.5        | \$1,284,642.31        | 18.5        | \$ 29,261.77        | 0.4        | \$1,773,095.03                    | 25.5        | \$ 493,160.36        | 7.1        | \$ 6,961,696.62        |
| Penal and reform                  | 376,956.37            | 29.7        | 536,254.81            | 42.3        | 35,596.19           | 2.8        | 252,516.11                        | 19.9        | 66,677.08            | 5.3        | 1,268,000.56           |
| Eleemosynary                      | 653,903.11            | 34.3        | 730,631.79            | 38.3        | 11,269.14           | 0.6        | 499,532.63                        | 26.2        | 13,066.78            | 0.6        | 1,948,403.45           |
| <b>Grand total</b>                | <b>\$4,412,396.63</b> | <b>43.5</b> | <b>\$2,551,528.91</b> | <b>25.2</b> | <b>\$ 76,127.10</b> | <b>0.7</b> | <b>\$2,525,143.77</b>             | <b>24.9</b> | <b>\$ 572,904.22</b> | <b>5.7</b> | <b>\$10,198,100.63</b> |

DISBURSEMENTS OF STATE INSTITUTIONS FOR FISCAL YEAR ENDING JUNE 30, 1938.  
(Source: Public Examiner)

| INSTITUTIONS                      | Salaries              |             | Maintenance           |             | Equipment            |            | Lands, Buildings and Improvements |             | Miscellaneous        |            | Total                 |
|-----------------------------------|-----------------------|-------------|-----------------------|-------------|----------------------|------------|-----------------------------------|-------------|----------------------|------------|-----------------------|
|                                   | Amount                | Per Cent    | Amount                | Per Cent    | Amount               | Per Cent   | Amount                            | Per Cent    | Amount               | Per Cent   |                       |
|                                   |                       |             |                       |             |                      |            |                                   |             |                      |            |                       |
| <b>Educational:</b>               |                       |             |                       |             |                      |            |                                   |             |                      |            |                       |
| Agricultural College              | \$ 897,864.43         | 69.2        | \$ 236,936.74         | 18.3        | \$ 12,733.29         | 0.9        | \$ 15,402.75                      | 1.2         | \$ 135,053.57        | 10.4       | \$1,297,940.48        |
| Fort Lewis School                 | 56,565.81             | 49.0        | 32,790.39             | 28.4        | 1,560.75             | 1.4        | 24,575.43                         | 21.2        | -----                | -----      | 115,492.38            |
| Adams State Teachers              | 58,112.15             | 70.8        | 13,298.60             | 16.1        | 1,297.21             | 1.6        | 9,396.27                          | 11.5        | -----                | -----      | 82,014.23             |
| Deaf and Blind                    | 122,182.76            | 69.4        | 50,747.82             | 28.8        | 89.18                | -----      | -----                             | -----       | 3,080.30             | 1.8        | 176,100.06            |
| School of Mines                   | 243,801.89            | 52.7        | 84,308.22             | 18.2        | 2,606.69             | 0.6        | 99,207.47                         | 21.5        | 32,388.28            | 7.0        | 462,312.55            |
| College of Education              | 441,179.59            | 78.0        | 87,467.31             | 15.5        | -----                | -----      | 19,669.41                         | 3.5         | 17,198.15            | 3.0        | 565,514.46            |
| University of Colorado            | 1,434,657.61          | 45.9        | 685,322.87            | 21.9        | 44,351.99            | 1.4        | 696,701.66                        | 22.3        | 265,050.89           | 8.5        | 8,126,084.52          |
| Western State College             | 110,436.54            | 66.3        | 27,222.88             | 16.3        | 769.09               | 0.5        | 18,712.36                         | 11.2        | 9,561.77             | 3.7        | 166,702.64            |
| <b>Total</b>                      | <b>\$3,364,800.48</b> | <b>56.2</b> | <b>\$1,218,004.33</b> | <b>20.3</b> | <b>63,408.20</b>     | <b>1.1</b> | <b>888,665.35</b>                 | <b>14.7</b> | <b>\$ 462,332.96</b> | <b>7.7</b> | <b>\$5,992,211.32</b> |
| <b>Penal and Reform:</b>          |                       |             |                       |             |                      |            |                                   |             |                      |            |                       |
| Penitentiary                      | \$ 214,836.16         | 27.0        | \$ 373,036.93         | 46.9        | \$ 28,612.34         | 3.7        | \$ 110,484.28                     | 13.9        | \$ 67,719.18         | 8.5        | \$ 794,688.89         |
| Reformatory                       | 37,898.82             | 37.6        | 45,862.27             | 46.0        | 2,250.63             | 2.3        | 11,538.20                         | 11.6        | 2,509.46             | 2.5        | 99,559.38             |
| Boys' Industrial School           | 74,832.62             | 54.3        | 60,860.52             | 44.1        | -----                | -----      | 1,027.74                          | 0.7         | 1,180.44             | 0.9        | 137,901.32            |
| Girls' Industrial School          | 29,674.65             | 43.5        | 35,178.15             | 51.6        | 2,472.44             | 3.6        | -----                             | -----       | 913.13               | 1.3        | 68,238.37             |
| <b>Total</b>                      | <b>\$ 356,742.25</b>  | <b>32.4</b> | <b>\$ 514,937.87</b>  | <b>46.8</b> | <b>\$ 33,335.41</b>  | <b>3.0</b> | <b>\$ 123,050.22</b>              | <b>11.2</b> | <b>\$ 72,322.21</b>  | <b>6.6</b> | <b>\$1,100,387.96</b> |
| <b>Eleemosynary:</b>              |                       |             |                       |             |                      |            |                                   |             |                      |            |                       |
| Dependent and Neglected Children  | \$ 35,151.07          | 33.4        | \$ 69,252.35          | 65.9        | -----                | -----      | -----                             | -----       | \$ 684.42            | 0.7        | \$ 105,087.84         |
| Hospital for Insane               | 491,655.90            | 45.3        | 485,966.58            | 44.8        | \$ 85,080.03         | 7.8        | \$ 14,727.07                      | 1.4         | 7,728.01             | 0.7        | 1,085,157.59          |
| Mental Defectives, Ridge          | 33,470.49             | 51.2        | 30,674.73             | 46.9        | 1,129.39             | 1.7        | -----                             | -----       | 88.97                | 0.2        | 65,358.58             |
| Mental Defectives, Grand Junction | 33,491.29             | 28.1        | 69,896.86             | 58.8        | 811.57               | 0.7        | 14,683.71                         | 12.3        | 85.56                | 0.1        | 119,068.98            |
| Soldiers' and Sailors' Home       | 28,875.65             | 42.2        | 37,174.16             | 54.3        | 695.12               | 1.0        | 1,657.34                          | 2.5         | -----                | -----      | 68,402.27             |
| Workshop for Blind                | 17,055.46             | 50.2        | 16,594.29             | 48.9        | 313.17               | 0.9        | -----                             | -----       | -----                | -----      | 33,932.92             |
| <b>Total</b>                      | <b>\$ 639,699.86</b>  | <b>43.3</b> | <b>\$ 709,658.96</b>  | <b>48.0</b> | <b>\$ 88,029.28</b>  | <b>6.0</b> | <b>\$ 31,068.12</b>               | <b>2.1</b>  | <b>\$ 8,581.96</b>   | <b>0.6</b> | <b>\$1,477,038.18</b> |
| <b>Recapitulation:</b>            |                       |             |                       |             |                      |            |                                   |             |                      |            |                       |
| Educational                       | \$3,364,800.48        | 56.2        | \$1,218,004.33        | 20.3        | \$ 63,408.20         | 1.1        | \$ 888,665.35                     | 14.7        | \$ 462,332.96        | 7.7        | \$5,992,211.32        |
| Penal and reform                  | 356,742.25            | 32.4        | 514,937.87            | 46.8        | 33,335.41            | 3.0        | 123,050.22                        | 11.2        | 72,322.21            | 6.6        | 1,100,387.96          |
| Eleemosynary                      | 639,699.86            | 43.3        | 709,658.96            | 48.0        | 88,029.28            | 6.0        | 31,068.12                         | 2.1         | 8,581.96             | 0.6        | 1,477,038.18          |
| <b>Grand total</b>                | <b>\$4,361,242.59</b> | <b>50.9</b> | <b>\$2,442,601.16</b> | <b>28.5</b> | <b>\$ 184,772.89</b> | <b>2.2</b> | <b>\$1,037,783.69</b>             | <b>12.1</b> | <b>\$ 543,237.13</b> | <b>6.3</b> | <b>\$8,569,637.46</b> |

POPULATION OF STATE INSTITUTIONS  
(November 30 of Years Named)

| INSTITUTION  | 1941  | 1940  | 1939  | 1938  | 1937  | 1936  | 1935  | 1934  | 1929  | 1919  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Industrial school for boys...                      | 179   | 213   | 178   | 166   | 161   | 189   | 181   | 204   | 247   | 337   |
| Industrial school for girls...                     | 233   | 151   | 146   | 136   | 165   | 144   | 143   | 149   | 135   | 136   |
| Reformatory .....                                  | 209   | 214   | 231   | 232   | 137   | 150   | 132   | 145   | 155   | 157   |
| Home and training schools:                         |       |       |       |       |       |       |       |       |       |       |
| Grand Junction .....                               | 427   | 403   | 384   | 369   | 365   | 281   | 273   | 279   | 260   | ---   |
| Ridge .....  | 326   | 310   | 298   | 272   | 263   | 210   | 178   | 200   | 108   | 73    |
| Soldiers' and Sailors' Home                        | 172   | 237   | 192   | 216   | 174   | 161   | 134   | 194   | 185   | 153   |
| Insane hospital.....                               | 4,676 | 4,485 | 4,323 | 4,179 | 4,081 | 3,961 | 3,729 | 3,450 | 2,898 | 1,926 |
| Penitentiary .....                                 | 1,340 | 1,378 | 1,534 | 1,402 | 1,260 | 1,205 | 1,198 | 1,175 | 1,061 | 571   |
| Workshop for blind .....                           | 34    | 25    | 26    | 24    | 28    | 27    | 31    | 29    | 27    | 18    |
| Home for dependent and<br>neglected children ..... | 294   | 298   | 308   | 305   | 322   | 358   | 409   | 383   | 198   | 192   |
| Total .....  | 7,890 | 7,714 | 7,620 | 7,301 | 6,956 | 6,686 | 6,408 | 6,208 | 5,274 | 3,563 |

STATE CAPITOL BUILDINGS

The Colorado state capitol building is located on an elevated site bounded by Lincoln and Grant streets and Colfax and East Fourteenth avenues in the city of Denver, with the main entrance facing due west. It stands at an altitude of exactly one mile above sea level. The structure, from the standpoint of its location, its architectural beauty and imposing appearance, is one of the outstanding state capitol buildings of the country. The grounds in front of the building include the entire block between Lincoln street and Broadway and face the Denver civic center. The main range of the Rocky mountains for a distance of 150 miles north and south is visible from the capitol entrance.

The building is of the Corinthian order of architecture, and E. E. Myers was the architect. The cornerstone was laid on July 4, 1890, by the Masonic lodge and the building was first occupied in 1895 and was completed in 1896. The site, consisting of 10 acres, was donated to the state by Henry C. Brown and the block fronting on Broadway was purchased for \$100,000. The cost of the building was \$2,800,000 and replacement value at this time is estimated at \$8,000,000. It is constructed of gray granite, cut on straight lines except for the massive pillars above the entrances. The interior is finished principally in onyx with lacquered brass cappings and corner trimmings. The dome is plated with pure leaf gold which cost \$14,680, and seven and one-half tons of lead was used in placing same. The structure is shaped similar to a Greek cross.

with entrances on East Colfax avenue, Grant street and East Fourteenth avenue, with the main entrance on the Lincoln street side. In its construction 230,000 cubic feet of granite was used.

The dimensions of the building are as follows:

- Length ..... 383 feet 11 inches
- Width ..... 313 feet
- Height of dome..... 272 feet 2 inches
- Length of corridors  
east and west..... 199 feet
- Diameter of circular  
corridor beneath dome 42 feet
- Number of rooms..... 160

The cornerstone contains a copy of the Bible, an American flag, constitutions of Colorado and the United States, the Declaration of Independence, census reports, numerous documents and public addresses of officials, a number of souvenirs, copies of the newspapers of that day and gold and silver coins of all denominations.

In 1915 a quarter-block south of the capitol and across East Fourteenth avenue was purchased and the state museum building was constructed upon it at a cost of \$480,000. The structure was built of granite and marble, and houses a museum of archaeological and mineral exhibits and relics of wars.

In 1919 a quarter-block north of the capitol and across Colfax avenue was purchased, and upon the site was constructed the state office building, five stories high and built of granite and marble at a cost of \$1,475,000. It was occupied in 1921. In it are located numerous boards and departments of the state government.

In 1938 the state, with the aid of a PWA grant, commenced the construction of another office building on the southwest corner of Colfax and Sherman known as the State Capitol Annex. It was occupied on October 1, 1939. The building is seven stories high and constructed of Colorado Yule marble. The interior is of marble and Colorado travertine. Total cost, including land, tunnel and building was \$972,848. An adjoining building of similar construction, to house shop, heating and power plants for the entire capitol group, completed in 1939, brought the total cost of construction to \$1,298,000.

#### STATE PENITENTIARY

The Colorado state penitentiary is located at Canon City, in Fremont county. It is under the direct supervision of the governor through the division of public welfare of the executive department. Roy Best, warden, is in charge of the institution.

The inventory value of the institution on June 30, 1940, as reported by the public examiner, was as follows:

|                                  |            |
|----------------------------------|------------|
| Lands .....                      | \$ 169,750 |
| Buildings and improvements ..... | 1,668,718  |
| Machinery .....                  | 143,893    |
| Tools and equipment .....        | 26,261     |
| Furniture and fixtures .....     | 14,463     |
| Libraries, etc. ....             | 50         |
| Autos, trucks and tractors ..... | 6,946      |
| General supplies .....           | 96,417     |
| Livestock .....                  | 30,368     |
| Cash .....                       | 2,308      |

Total .....

The maximum capacity of the institution, as reported by the warden, is 1,130 inmates. The average population for the two years terminating November 30, 1940, was 1,465, which compares with 1,268 for the preceding biennial period, an increase of 15.4 per cent.

The maintenance cost, upon an annual basis, is as follows:

| Year       | Total        | Per capita |
|------------|--------------|------------|
| 1930 ..... | \$407,849.49 | \$374.17   |
| 1932 ..... | 432,072.74   | 377.36     |
| 1934 ..... | 337,387.89   | 299.02     |
| 1936 ..... | 393,882.09   | 329.61     |
| 1938 ..... | 449,401.70   | 320.54     |
| 1940 ..... | 434,459.34   | 295.65     |

The population of the penitentiary on November 30, of the years named, was as follows:

| Year       | Male  | Female | Total |
|------------|-------|--------|-------|
| 1924 ..... | 845   | 37     | 882   |
| 1925 ..... | 917   | 35     | 952   |
| 1926 ..... | 927   | 31     | 958   |
| 1927 ..... | 1,024 | 41     | 1,065 |
| 1928 ..... | 1,005 | 31     | 1,036 |
| 1929 ..... | 1,037 | 24     | 1,061 |
| 1930 ..... | 1,108 | 16     | 1,124 |
| 1931 ..... | 1,126 | 16     | 1,142 |
| 1932 ..... | 1,129 | 20     | 1,149 |
| 1933 ..... | 1,050 | 16     | 1,076 |

| Year       | Male  | Female | Total |
|------------|-------|--------|-------|
| 1934 ..... | 1,158 | 17     | 1,175 |
| 1935 ..... | 1,177 | 21     | 1,198 |
| 1936 ..... | 1,175 | 30     | 1,205 |
| 1937 ..... | 1,229 | 31     | 1,260 |
| 1938 ..... | 1,373 | 29     | 1,402 |
| 1939 ..... | 1,511 | 23     | 1,534 |
| 1940 ..... | 1,361 | 17     | 1,738 |
| 1941 ..... | 1,315 | 25     | 1,340 |

The number of prisoners received at the penitentiary during the fiscal years ending November 30, for the years named, was as follows:

| Year       | Male | Female | Total |
|------------|------|--------|-------|
| 1926 ..... | 508  | 28     | 536   |
| 1927 ..... | 558  | 38     | 596   |
| 1928 ..... | 497  | 38     | 535   |
| 1929 ..... | 532  | 18     | 550   |
| 1930 ..... | 515  | 19     | 534   |
| 1931 ..... | 737  | 16     | 753   |
| 1932 ..... | 586  | 14     | 600   |
| 1933 ..... | 590  | 8      | 598   |
| 1934 ..... | 610  | 14     | 624   |
| 1935 ..... | 614  | 21     | 635   |
| 1936 ..... | 504  | 17     | 521   |
| 1937 ..... | 594  | 19     | 613   |
| 1938 ..... | 638  | 16     | 654   |
| 1939 ..... | 613  | 9      | 624   |
| 1940 ..... | 498  | 9      | 507   |
| 1941 ..... | 506  | 20     | 526   |

Disbursements on account of the penitentiary for the years ended June 30, 1938 and 1939, in detail, and totals by years, are given in separate tables under the heading "Disbursements of State Institutions."

In connection with the penitentiary there are operated several ranches and gardens in which convicts are employed and which supply food products for the prisoners. A dairy herd owned by the state furnishes milk and butter, and a fruit and vegetable canning plant is operated each season by the inmates. The method employed for executing prisoners sentenced to death is by gas. A record of legal executions in the state by years is reported under a separate heading.

An accompanying table gives the number of incoming and outgoing prisoners by classes, prison population, domestic relations, minimum sentences, degree of education, religious training, and other data concerning prisoners, by biennial periods from 1930 to 1940, inclusive.

Prisoners received in the biennial period ending November 30, 1940, came from every county in the state with the exception of two. Thirty were foreign born and 1,101 native born. Forty-four of the 48 states were represented by the native born and 12 countries among the foreign born.

The states with the largest representation of prisoners received in the biennial periods ending November 30 of the years named are as follows:

|                       | 1940  | 1938  | 1936  | 1934  |
|-----------------------|-------|-------|-------|-------|
| Colorado . . . . .    | 267   | 293   | 291   | 276   |
| Missouri . . . . .    | 83    | 113   | 86    | 83    |
| Kansas . . . . .      | 108   | 102   | 62    | 64    |
| New Mexico. . . . .   | 99    | 85    | 68    | 97    |
| Illinois . . . . .    | 49    | 51    | 49    | 58    |
| Oklahoma . . . . .    | 74    | 77    | 48    | 55    |
| Texas . . . . .       | 43    | 66    | 63    | 52    |
| Nebraska . . . . .    | 61    | 62    | 57    | 58    |
| Iowa . . . . .        | 25    | 40    | 40    | 38    |
| New York. . . . .     | 25    | 23    | 23    | 23    |
| All others* . . . . . | 297   | 355   | 326   | 317   |
| Total . . . . .       | 1,131 | 1,267 | 1,113 | 1,122 |

\*Includes foreign born.

The occupations of the 1,131 prisoners received during the period ending November 30, 1940, were distributed among 80 trades and professions. The principal ones in their ranking order are as follows:

Laborers, 263; farmers, 156; truck drivers, 95; cooks, 63; miners, 43; mechanics, 42; clerical, 32; carpenters, 25; ranchers, 25. No lawyers, doctors, ministers or actors were listed, and only 2 news reporters.

Crimes for which the 1,131 prisoners were incarcerated were distributed among 60 classifications, of which 929 prisoners or 82.1 per cent were convicted for crimes against property; 153 or 13.5 per cent for crimes against the person and 49 or 4.4 per cent for such offenses as perjury, habitual criminals and miscellaneous. Burglary, larceny, robbery and other forms of theft accounted for 620 prisoners or 54.8 per cent of all prisoners. The last named classification does not include forgery, embezzlement, obtaining money under false pretenses, confidence game, etc.

Out of 1,238 outgoing prisoners in the two years ending November 30, 1940, 1,077 or 87 per cent were paroled.

**STATE BUILDING PROGRAM**

In 1937, at the request of the Governor, the State Planning Commission submitted to the general assembly a proposed program of building construction at 20 of Colorado's 22 state institutions. The commission recommended a levy of 1.15 mills each year for ten years, commencing in 1937 and ending in 1946, for this purpose. The program was adopted without change, and the revenues from this levy, estimated at \$12,429,000, were allotted to the various institutions by specific legislative acts according to the commission's estimate of their respective needs.

At the time of distributing the 1937 levies, the commission felt that the needs of the institutions other than educational were so critical that special efforts should be made to care for them immediately, and to that end provided that they should receive 60 per cent of their total 10-year allotments

during the first five years and 40 per cent during the last half of the period. Similarly, the educational institutions were given 40 per cent of their 10-year total during the first half of the period and 60 per cent during the last half.

The mill levy acts of 1937 provided for the issuance of anticipation warrants against the levies for the first five years. Through an arrangement with the PWA, and other arrangements for WPA assistance on smaller projects, a total of \$3,337,338 was received in federal funds toward the total cost of the buildings constructed during the first five years. Warrants were issued as needed and the state provided 55 per cent of the cost of construction, the remaining 45 per cent coming in the form of federal grants. The anticipation warrants were sold direct to the state land board for investment in its school funds.

In 1941, the legislature, acting on the recommendations of the planning commission, made certain changes in the program to conform to the needs at the end of the first five-year period.

Total receipts from all sources as of December 31, 1942, amounted to \$9,679,715, of which \$6,342,377 came from mill-levy funds and \$3,337,338 from federal grants.

Total expenditures on account of the program for the five years, as of December 31, 1942, are as follows:

| Institution  | Total Expenditures 5 Years |
|--|----------------------------|
| University of Colorado. . . . .  | \$1,151,964                |
| Agricultural College. . . . .  | 517,769                    |
| College of Education. . . . .  | 415,632                    |
| Colorado School of Mines. . . . .                                      | 484,070                    |
| Western State College. . . . .   | 218,870                    |
| Adams State Teachers College. . . . .                                  | 273,745                    |
| Fort Lewis School. . . . .   | 109,598                    |
| School for Deaf and Blind. . . . .                                     | 127,059                    |
| Total, Educational. . . . .  | \$3,298,707                |
| Penal and Reform:  |                            |
| Penitentiary . . . . .   | \$ 632,673                 |
| Reformatory . . . . .  | 201,100                    |
| Boys' Industrial School. . . . .                                       | 97,387                     |
| Girls' Industrial School. . . . .                                      | 59,250                     |
| Total, Penal and Reform. . . . .                                       | \$ 990,410                 |
| Charitable:  |                            |
| Colorado General Hospital and Colorado Psychopathic Hospital . . . . . | \$ 393,995                 |
| State Hospital for Insane. . . . .                                     | 2,494,433                  |
| Mental Defectives, Grand Junction . . . . .                            | 241,465                    |
| Mental Defectives, Ridge . . . . .                                     | 174,333                    |
| Home for Dependent and Neglected Children. . . . .                     | 81,524                     |
| Industrial Workshop for Blind. . . . .                                 | 69,010                     |
| Soldiers' and Sailors' Home. . . . .                                   | .....                      |
| Total, Charitable. . . . .   | \$3,454,760                |
| Miscellaneous:   |                            |
| Capitol Building Fund. . . . .   | \$1,297,855                |
| National Guard—Military. . . . .                                       | 172,293                    |
| Total, Miscellaneous. . . . .  | \$1,470,148                |
| Grand Total. . . . .   | \$9,214,025                |

\*Includes \$5,227.43 maintenance.

**STATE PENITENTIARY: SUMMARY OF PRISONERS RECEIVED AND DIS-  
CHARGED, TIMES INCARCERATED, DOMESTIC RELATIONS, RELIGIOUS  
INSTRUCTION, AGE, ETC., FOR BIENNIAL PERIOD ENDING  
NOVEMBER 30 OF SPECIFIED YEARS**

(Source: Biennial Reports of the Warden)

|                                     | 1940  | 1938  | 1936  | 1934  | 1932  | 1930  |
|-------------------------------------|-------|-------|-------|-------|-------|-------|
| <b>Incoming Prisoners:</b>          |       |       |       |       |       |       |
| Received by sentence of court....   | 1,127 | 1,258 | 1,109 | 1,222 | 1,302 | 1,063 |
| Escaped prisoners returned.....     | 23    | 32    | 30    | 59    | 101   | 69    |
| Paroled prisoners returned.....     | 52    | 84    | 67    | 44    | 51    | 45    |
| Received from other states.....     | 4     | 9     | 4     | ...   | ...   | ...   |
| All others.....                     | 8     | 10    | ...   | 6     | 1     | 2     |
| Total .....                         | 1,214 | 1,393 | 1,210 | 1,331 | 1,455 | 1,179 |
| <b>Outgoing Prisoners:</b>          |       |       |       |       |       |       |
| Discharged expiration of sentence.. | 111   | 130   | 104   | 105   | 131   | 96    |
| Paroled .....                       | 1,077 | 1,015 | 1,030 | 1,060 | 1,139 | 867   |
| Escaped .....                       | 18    | 21    | 13    | 52    | 119   | 78    |
| Died at prison.....                 | 14    | 14    | 21    | 23    | 22    | 23    |
| Executed .....                      | 4     | 1     | 4     | 3     | 7     | 6     |
| Transferred to insane asylum....    | 8     | 12    | 1     | 3     | 3     | ...   |
| Pardoned .....                      | 2     | 2     | 1     | 50    | ...   | ...   |
| All others.....                     | 4     | 1     | 6     | 9     | 9     | 21    |
| Total .....                         | 1,238 | 1,196 | 1,180 | 1,305 | 1,430 | 1,091 |
| Population on November 30.....      | 1,378 | 1,402 | 1,205 | 1,175 | 1,149 | 1,124 |
| <b>Times Incarcerated:</b>          |       |       |       |       |       |       |
| First term.....                     | 611   | 770   | 777   | 800   | 900   | 728   |
| 2nd term.....                       | 295   | 278   | 209   | 252   | 250   | 204   |
| 3rd term.....                       | 138   | 121   | 71    | 101   | 89    | 84    |
| 4th term.....                       | 52    | 50    | 29    | 46    | 39    | 37    |
| 5th term.....                       | 14    | 31    | 13    | 12    | 14    | 6     |
| 6th term.....                       | 9     | 8     | 7     | 5     | 3     | 3     |
| 7th term.....                       | 8     | 5     | 6     | 3     | 4     | 3     |
| 8th term or more.....               | 4     | 1     | 1     | 3     | 3     | ...   |
| <b>Domestic Relations:</b>          |       |       |       |       |       |       |
| Single .....                        | 463   | 461   | 447   | 478   | 485   | 434   |
| Married .....                       | 384   | 429   | 357   | 395   | 496   | 496   |
| Separated .....                     | 69    | 173   | 132   | 157   | 128   | 90    |
| Divorced .....                      | 161   | 154   | 117   | 134   | 126   | ...   |
| Widow or widower.....               | 54    | 50    | 60    | 58    | 67    | 45    |
| <b>Minimum Sentences:</b>           |       |       |       |       |       |       |
| 1 year or less.....                 | 374   | 401   | 341   | 348   | 430   | 359   |
| 2 to 5 years.....                   | 545   | 602   | 541   | 640   | 594   | 512   |
| 6 to 10 years.....                  | 119   | 143   | 152   | 161   | 204   | 97    |
| 11 to 15 years.....                 | 46    | 39    | 29    | 15    | 30    | 45    |
| 16 to 49 years.....                 | 23    | 36    | 34    | 36    | 18    | 31    |
| 50 years or over.....               | 4     | 5     | 2     | 2     | ...   | ...   |
| Life .....                          | 14    | 22    | 11    | 15    | 20    | 11    |
| Death .....                         | 6     | 5     | 2     | 10    | 6     | 10    |
| Unclassified .....                  | ...   | 3     | ...   | ...   | ...   | ...   |
| <b>Degree of Education:</b>         |       |       |       |       |       |       |
| None .....                          | 22    | 32    | 41    | 53    | (1)   | (1)   |
| 1st to 8th grades.....              | 632   | 677   | 675   | 709   | (1)   | (1)   |
| High school.....                    | 393   | 465   | 319   | 395   | (1)   | (1)   |
| College .....                       | 84    | 93    | 78    | 65    | (1)   | (1)   |
| <b>Religious Instruction:</b>       |       |       |       |       |       |       |
| None .....                          | 71    | 35    | 35    | 41    | (1)   | 119   |
| Baptist .....                       | 158   | 212   | 159   | 149   | (1)   | 106   |
| Catholic .....                      | 357   | 436   | 377   | 409   | (1)   | 384   |
| Christian .....                     | 79    | 117   | 109   | 85    | (1)   | 67    |
| Episcopalian .....                  | 27    | 26    | 16    | 18    | (1)   | 23    |
| Methodist .....                     | 206   | 218   | 211   | 182   | (1)   | 157   |
| Presbyterian .....                  | 68    | 72    | 57    | 51    | (1)   | 50    |
| All others.....                     | 165   | 151   | 149   | 287   | (1)   | 159   |
| <b>Age of Prisoners:</b>            |       |       |       |       |       |       |
| Under 25 years.....                 | 323   | 401   | 362   | 425   | 387   | 349   |
| 26 to 29 years.....                 | 201   | 220   | 227   | 241   | 226   | 182   |
| 30 to 39 years.....                 | 355   | 414   | 315   | 344   | 375   | 283   |
| 40 to 49 years.....                 | 169   | 155   | 130   | 141   | 193   | 158   |
| 50 years and over.....              | 83    | 78    | 79    | 71    | 121   | 97    |

(1) Not reported.

**HOSPITAL FOR INSANE**

The Colorado state hospital is located at Pueblo. It is under the direct supervision of the governor through the division of public welfare of the executive department. Dr. F. H. Zimmerman is superintendent in charge.

The value of the state hospital for the insane at Pueblo on June 30, 1940, as reported by the public examiner, was as follows:

|                              |                    |
|------------------------------|--------------------|
| Lands .....                  | \$ 227,300         |
| Buildings and improvements.. | 4,206,259          |
| Machinery .....              | 241,091            |
| Tools and equipment.....     | 265,016            |
| Furniture and fixtures.....  | 186,189            |
| Libraries, etc.....          | 1,756              |
| Autos, etc.....              | 6,864              |
| General supplies.....        | 43,703             |
| Livestock .....              | 47,704             |
| Rights in lands.....         | 19,725             |
| Cash .....                   | 1,000              |
| <b>Total .....</b>           | <b>\$5,246,607</b> |

The inventory value of \$4,206,259 in buildings and improvements shown in the above table is an increase of \$1,426,603 compared with the same date in 1938 and reflects in part an expansion of facilities due to emergent conditions prevailing prior to 1937. The hospital was awarded the largest allotment of all state institutions in the building program described on page 278 of this volume. The institution was badly overcrowded, the number of patients actually confined on the grounds being far in excess of the reasonable capacity of the buildings. The total amount allotted the hospital by the Planning commission was \$2,566,000 from the revenue of a continuing mill levy, but later the amount to be expended from state funds was reduced because of the fact that funds totaling approximately \$1,044,000 were made available by grants from the federal Public Works Administration. Including these grants, the total spent totaled about \$3,000,000, practically all of which was disbursed for constructions and facilities for the care of patients. The result of the program is that the institution, for the first time in many years, is reasonably equipped for present demands.

The population of the hospital on November 30, of the years named, was as follows:

| <b>Year</b> | <b>Male</b> | <b>Female</b> | <b>Total</b> |
|-------------|-------------|---------------|--------------|
| 1914.....   | 704         | 472           | 1,176        |
| 1924.....   | 1,366       | 1,059         | 2,425        |
| 1925.....   | 1,348       | 1,113         | 2,461        |
| 1926.....   | 1,441       | 1,176         | 2,617        |
| 1927.....   | 1,525       | 1,225         | 2,750        |
| 1928.....   | 1,572       | 1,271         | 2,843        |

| <b>Year</b> | <b>Male</b> | <b>Female</b> | <b>Total</b> |
|-------------|-------------|---------------|--------------|
| 1929.....   | 1,586       | 1,312         | 2,898        |
| 1930.....   | 1,596       | 1,348         | 2,944        |
| 1931.....   | 1,636       | 1,389         | 3,025        |
| 1932.....   | 1,727       | 1,457         | 3,184        |
| 1933.....   | 1,795       | 1,498         | 3,293        |
| 1934.....   | 1,855       | 1,595         | 3,450        |
| 1935.....   | 2,000       | 1,729         | 3,729        |
| 1936.....   | 2,122       | 1,839         | 3,961        |
| 1937.....   | 2,214       | 1,867         | 4,081        |
| 1938.....   | 2,253       | 1,924         | 4,177        |
| 1939.....   | 2,310       | 2,013         | 4,323        |
| 1940.....   | 2,397       | 2,098         | 4,485        |
| 1941.....   | 2,511       | 2,165         | 4,676        |

The number received during the year ending November 30, for the years named, was as follows:

| <b>Year</b> | <b>Male</b> | <b>Female</b> | <b>Total</b> |
|-------------|-------------|---------------|--------------|
| 1925.....   | 223         | 159           | 382          |
| 1926.....   | 259         | 165           | 424          |
| 1927.....   | 288         | 187           | 475          |
| 1928.....   | 278         | 181           | 459          |
| 1929.....   | 266         | 201           | 467          |
| 1930.....   | 291         | 180           | 471          |
| 1931.....   | 294         | 189           | 483          |
| 1932.....   | 310         | 218           | 528          |
| 1933.....   | 293         | 194           | 487          |
| 1934.....   | 320         | 245           | 565          |
| 1935.....   | 421         | 281           | 702          |
| 1936.....   | 430         | 275           | 705          |
| 1937.....   | 437         | 259           | 696          |
| 1938.....   | 387         | 266           | 653          |
| 1939.....   | 393         | 280           | 673          |
| 1940.....   | 407         | 290           | 697          |
| 1941.....   | 482         | 312           | 794          |

Disbursements on account of the hospital in 1938 and 1939, in detail, and totals by years, are given in separate tables under the headings "Disbursements of State Institutions."

In the fiscal biennial period ending June 30, 1941, there were 1,806 patients admitted to the institution, of which 1,056 were males and 750 were females.

One hundred and twenty-nine occupations and professions were listed among the patients received during the two-year period. The principal ones in their ranking order were: housewife, 447; laborer, 262; farmer, 174; no occupation, 119; housekeeper, 95; miner, 65; student, 32; mechanic and machinist, 28; carpenter, 22; cook, 21; filing clerk, 20.

All of the 63 counties in the state were represented among the patients received. Of the 1,806 patients, their citizenship was as follows: citizen by birth, 1,562; citizen by naturalization, 112; alien, 88; unknown, 44.

Only three under 15 years of age were received. The largest number, 314, were 70 years and over; 184 were 35 to 39; 157 were 40 to 44; 153 were 25 to 29, and the remainder were less than these maximums.

## Colorado's Educational System

### Public Schools, Receipts and Disbursements, Population, Colleges and Universities, Junior Colleges, Parochial Schools, Vocational Education

COLORADO ranks favorably among the states of the Union in educational facilities and is well provided with opportunities for advancement in learning. The state has a large and elaborate public school system, many outstanding universities, colleges and professional schools for the higher education of students, an extensive parochial school system and numerous commercial and business colleges, nurses' training schools and institutions offering specialized courses in music, the arts and sciences.

The annual expenditures for all purposes by all institutions of learning in the state for which information is available is approximately \$30,800,000, and the investment in land, buildings, libraries, equipment, endowment funds and other facilities is in excess of \$101,700,000.

The expenditures by the public schools of the state in the fiscal year ending June 30, 1940, amounted to \$24,260,669, of which \$18,324,576 was for current expenses, \$4,302,044 was for debt service, and \$1,634,049 was for capital outlays.

Expenditures by 17 universities, colleges and professional schools for the fiscal year of 1938 amounted to \$7,525,630, of which \$5,492,626 was for general and educational purposes, \$959,953 for auxiliary enterprises and activities, \$163,010 for other non-educational purposes, and \$910,041 for capital outlays.

The value of public school property as of June 30, 1940, was \$67,412,031; of universities, colleges and professional schools in 1938, \$30,820,710; and parochial schools as of 1930, \$3,491,000, a total of \$101,723,411. The figures from which these totals are obtained are shown in detail in accompanying tables and chapters.

The enrollment in all institutions of learning in the state, including summer schools, is more than one-fourth of the entire population. In 1940-1941, the total for the regular terms, and exclusive of the summer terms, was 255,739 or 22.6 per cent of the population based on the 1940 census.

Total enrollment for all institutions reporting for the regular school years,

by years, and percentage of increase or decrease compared with the preceding years, are as follows:

| Year      | Enrollment | Number Increase | Per Cent Increase |
|-----------|------------|-----------------|-------------------|
| 1924-1925 | 266,938    | .....           | .....             |
| 1925-1926 | 278,696    | 11,758          | 4.40              |
| 1926-1927 | 274,637    | -4,059          | -1.46             |
| 1927-1928 | 275,227    | 590             | 0.21              |
| 1928-1929 | 280,357    | 5,130           | 1.86              |
| 1929-1930 | 277,643    | -2,714          | -0.97             |
| 1930-1931 | 286,164    | 8,521           | 3.07              |
| 1931-1932 | 283,739    | -2,425          | -0.85             |
| 1932-1933 | 264,186    | -19,553         | -6.89             |
| 1933-1934 | 262,930    | -1,256          | -0.48             |
| 1934-1935 | 275,608    | 12,678          | 4.82              |
| 1935-1936 | 271,573    | -4,035          | -1.46             |
| 1936-1937 | 282,826    | 11,253          | 4.14              |
| 1937-1938 | 260,056    | -22,770         | -8.36             |
| 1938-1939 | 261,001    | 945             | 0.36              |
| 1939-1940 | 258,943    | -2,058          | -0.78             |
| 1940-1941 | 255,739    | -3,204          | -1.24             |

(—) Decrease.

In the school year 1928-1929 there were 101.3 females enrolled for every 100 males. That was the only year in which the females predominated. A distribution of enrollment by types of schools for 1940-1941 shows that the males outnumbered the females in the privately controlled colleges and universities and in the state colleges and universities and public schools, but not in the parochial schools.

Enrollment by sex for all institutions for the regular school years and the number of females to 100 males, by years, are as follows:

| Year      | Male    | Female  | Females to 100 Males |
|-----------|---------|---------|----------------------|
| 1927-1928 | 138,873 | 136,354 | 98.2                 |
| 1928-1929 | 139,268 | 141,089 | 101.3                |
| 1929-1930 | 140,167 | 137,476 | 98.1                 |
| 1930-1931 | 145,081 | 141,083 | 97.2                 |
| 1931-1932 | 144,830 | 138,909 | 95.9                 |
| 1932-1933 | 135,415 | 128,771 | 95.1                 |
| 1933-1934 | 134,395 | 128,535 | 95.6                 |
| 1934-1935 | 140,090 | 135,518 | 96.7                 |
| 1935-1936 | 139,022 | 132,551 | 95.3                 |
| 1936-1937 | 144,380 | 138,446 | 95.9                 |
| 1937-1938 | 133,256 | 126,800 | 95.1                 |
| 1938-1939 | 133,092 | 127,909 | 96.1                 |
| 1939-1940 | 131,988 | 126,955 | 96.2                 |
| 1940-1941 | 129,623 | 126,116 | 97.3                 |

Enrollment by type and sex for the school year 1940-1941 is as follows:

|  | Male    | Female  | Total   |
|--|---------|---------|---------|
| Public schools                                 | 113,486 | 112,481 | 225,967 |
| State controlled colleges and universities     | 6,415   | 3,546   | 9,961   |
| Privately controlled colleges and universities | 3,000   | 2,828   | 5,828   |
| Parochial, etc.                                | 6,722   | 7,261   | 13,983  |
| Total  | 129,623 | 126,116 | 255,739 |

Enrollment by percentages, all institutions, for the school year of 1938-1939, is as follows:

|  | Male  | Female | Total |
|--|-------|--------|-------|
| Public schools.....                                  | 87.6  | 89.2   | 88.3  |
| State controlled colleges and universities .....     | 4.9   | 2.8    | 3.9   |
| Privately controlled colleges and universities ..... | 2.3   | 2.2    | 2.3   |
| Parochial, etc.....                                  | 5.2   | 5.8    | 5.5   |
| Total .....  | 100.0 | 100.0  | 100.0 |

The cool summers and other attractive features in Colorado afford unusually desirable opportunities for summer schools, and a number of the larger institutions make these regular and important features of their programs. Many students from eastern states, where the summer period is too oppressive for effective work in the school room, attend the summer terms of Colorado institutions and combine education with recreation.

Ten of the colleges and universities of the state, both publicly and privately controlled, conducted summer schools in 1941. The number enrolled was 10,613. In 1938 there were 11,200, a maximum over a period of 13 years. The public and parochial schools do not conduct summer terms. Three institutions reported a larger enrollment in the summer schools in 1938 than in the regular terms and one in 1941. Students at the summer sessions of the educational institutions represent almost every state in the Union and many foreign countries. By reason of comparatively high tuition charges, however, these sessions are in most instances self-supporting and do not constitute a burden on Colorado taxpayers, who contribute only the use of established facilities.

The summer school enrollment by years is as follows:

|           | Male  | Female | Total  |
|-----------|-------|--------|--------|
| 1928..... | *     | *      | 8,522  |
| 1929..... | *     | *      | 8,680  |
| 1930..... | 2,586 | 6,239  | 8,825  |
| 1931..... | 2,672 | 6,427  | 9,099  |
| 1932..... | 2,966 | 5,334  | 8,300  |
| 1933..... | 1,883 | 3,231  | 5,114  |
| 1934..... | 2,358 | 4,454  | 6,812  |
| 1935..... | 3,060 | 5,862  | 8,922  |
| 1936..... | 3,389 | 6,054  | 9,443  |
| 1937..... | 3,863 | 6,571  | 10,434 |
| 1938..... | 4,248 | 6,952  | 11,200 |
| 1939..... | 4,700 | 6,381  | 11,081 |
| 1940..... | 4,934 | 6,973  | 11,907 |
| 1941..... | 4,203 | 6,410  | 10,613 |

\*Not segregated.

The public and private schools, colleges and universities included in this summary reported a total of 11,248

instructors and teachers employed during the regular school year of 1940-1941, of whom 3,541 were males and 7,707 were females. The males outnumber the females in colleges and universities, while the reverse is true of the public and parochial schools. The above figures are exclusive of instructors and teachers in the summer schools.

The number of instructors and teachers by sex and by type of school, for the regular school year of 1940-1941, is as follows:

|  | Male  | Female | Total  |
|--|-------|--------|--------|
| Public schools....                                   | 2,592 | 6,896  | 9,488  |
| State controlled colleges and universities .....     | 550   | 172    | 722    |
| Privately controlled colleges and universities ..... | 342   | 181    | 523    |
| Parochial .....                                      | 87    | 458    | 545    |
| Total .....  | 3,541 | 7,707  | 11,248 |

The total number of instructors and teachers, by years, is as follows:

|               | Male  | Female | Total  |
|---------------|-------|--------|--------|
| 1925-26 ..... | 2,469 | 8,565  | 11,034 |
| 1927-28 ..... | 2,379 | 8,660  | 11,039 |
| 1928-29 ..... | 2,377 | 8,616  | 10,993 |
| 1929-30 ..... | 2,338 | 8,832  | 11,170 |
| 1930-31 ..... | 2,523 | 8,847  | 11,370 |
| 1931-32 ..... | 2,622 | 8,812  | 11,434 |
| 1932-33 ..... | 2,712 | 8,156  | 10,868 |
| 1933-34 ..... | 2,721 | 7,854  | 10,575 |
| 1934-35 ..... | 2,933 | 7,946  | 10,879 |
| 1935-36 ..... | 2,957 | 7,779  | 10,736 |
| 1936-37 ..... | 3,051 | 7,922  | 10,973 |
| 1937-38 ..... | 3,280 | 8,272  | 11,552 |
| 1938-39 ..... | 3,346 | 7,818  | 11,164 |
| 1939-40 ..... | 3,141 | 7,702  | 10,843 |
| 1940-41 ..... | 3,541 | 7,707  | 11,248 |

The number of students enrolled, instructors and teachers, and the number of students per instructor, by years, for all institutions reporting, are as follows:

| Year         | Enrollment | Instructors and Teachers | No. Enrolled Per Instructor |
|--------------|------------|--------------------------|-----------------------------|
| 1925-26..... | 278,696    | 11,034                   | 25.3                        |
| 1926-27..... | 274,637    | (a)                      | (a)                         |
| 1927-28..... | 275,227    | 11,039                   | 24.9                        |
| 1928-29..... | 280,357    | 10,993                   | 25.5                        |
| 1929-30..... | 277,643    | 11,170                   | 24.9                        |
| 1930-31..... | 286,164    | 11,370                   | 25.2                        |
| 1931-32..... | 283,739    | 11,434                   | 24.8                        |
| 1932-33..... | 264,186    | 10,868                   | 24.3                        |
| 1933-34..... | 262,930    | 10,575                   | 24.9                        |
| 1934-35..... | 275,608    | 10,879                   | 25.3                        |
| 1935-36..... | 271,573    | 10,736                   | 25.3                        |
| 1936-37..... | 282,826    | 10,973                   | 25.8                        |
| 1937-38..... | 260,056    | 11,552                   | 22.5                        |
| 1938-39..... | 261,001    | 11,164                   | 23.4                        |
| 1939-40..... | 258,943    | 10,843                   | 23.9                        |
| 1940-41..... | 255,739    | 11,248                   | 22.7                        |

(a) Not available.

A table is published herewith showing enrollment of public schools, state-controlled and privately-controlled colleges and universities and parochial schools by years.

**ENROLLMENT IN PUBLIC SCHOOLS, STATE CONTROLLED AND PRIVATELY  
CONTROLLED COLLEGES AND UNIVERSITIES AND  
PAROCHIAL SCHOOLS, BY YEARS**

|                 | *Public<br>Schools | Colleges and Universities |                         | Parochial<br>Schools | Total   |
|-----------------|--------------------|---------------------------|-------------------------|----------------------|---------|
|                 |                    | State<br>Controlled       | Privately<br>Controlled |                      |         |
| 1919-1920 ..... | 229,508            | .....                     | .....                   | .....                | .....   |
| 1920-1921 ..... | 232,757            | .....                     | .....                   | .....                | .....   |
| 1921-1922 ..... | 243,004            | †4,450                    | †3,505                  | .....                | .....   |
| 1922-1923 ..... | 249,813            | .....                     | .....                   | .....                | .....   |
| 1923-1924 ..... | 247,195            | †4,327                    | †3,896                  | .....                | .....   |
| 1924-1925 ..... | 255,115            | .....                     | .....                   | .....                | 266,938 |
| 1925-1926 ..... | 250,087            | 7,319                     | 4,216                   | 12,213               | 273,835 |
| 1926-1927 ..... | 251,615            | 7,114                     | 3,695                   | (3)                  | .....   |
| 1927-1928 ..... | 251,131            | 7,615                     | 3,879                   | 12,602               | 275,227 |
| 1928-1929 ..... | 256,134            | 7,509                     | 4,112                   | (3)                  | .....   |
| 1929-1930 ..... | 252,718            | 7,319                     | 4,753                   | 12,853               | 277,643 |
| 1930-1931 ..... | 260,635            | 8,033                     | 4,749                   | 12,747               | 286,164 |
| 1931-1932 ..... | 257,940            | 8,304                     | 4,660                   | 12,835               | 283,739 |
| 1932-1933 ..... | 240,909            | 7,826                     | 4,665                   | 10,786               | 264,186 |
| 1933-1934 ..... | 238,808            | 7,253                     | 4,380                   | 12,489               | 262,930 |
| 1934-1935 ..... | 249,663            | 7,841                     | 5,356                   | 12,748               | 275,608 |
| 1935-1936 ..... | 245,371            | 8,221                     | 5,241                   | 12,740               | 271,573 |
| 1936-1937 ..... | 254,565            | 8,849                     | 5,558                   | 13,854               | 282,826 |
| 1937-1938 ..... | 233,141            | 9,135                     | 5,498                   | 12,282               | 260,056 |
| 1938-1939 ..... | 232,170            | 9,644                     | 5,700                   | 13,487               | 261,001 |
| 1939-1940 ..... | 229,022            | 9,906                     | 6,121                   | 13,894               | 258,943 |
| 1940-1941 ..... | 225,967            | 9,961                     | 5,828                   | 13,983               | 255,739 |

\*Includes county schools.

†Includes three state controlled and five privately controlled institutions only.

(3) No report.

### PUBLIC SCHOOL SYSTEM

The state has a large and elaborate public school system which affords ample facilities to all for acquiring a fundamental education. The system embraces kindergarten, elementary, junior high and senior high schools in both urban and rural communities, and in some of the larger cities special facilities in opportunity, manual training and night schools.

The state is divided into 1,987 school districts, of which 52 are joint districts, the schools in each district being under the supervision of a local school board elected by the district. Each county has a superintendent of schools who is chosen at the general elections and who has limited advisory powers and certain powers for organizing new districts, consolidated schools and inter-district movements. A state superintendent of public instruction is chosen at each biennial general election.

The revenues for the operation of the schools are derived from four principal sources. The largest revenue is derived from district school levies. The directors in each district make annual budgets of funds required and

their budgets are certified by the county superintendents to the county commissioners, who make levies through the regular tax-collecting channels. In addition, the state is a large owner of school land, from the sale and operation of which funds are derived. These revenues are maintained in a permanent school fund and the interest therefrom becomes available for the support of the state educational institutions. The third source of revenue is from levies made by counties under a minimum teachers' salary law which is limited to not to exceed five mills a year. A fourth source is the state income tax part of which is distributed to school districts. Data on school taxes are given in the chapter on taxation in this volume. School districts may authorize the issuance of school bonds upon vote of taxpaying electors, and many of the school buildings of the state have been and are being constructed through bond issues.

The state superintendent of public instruction reported a total of 2,327 schools in the state in 1940, a high school, an elementary school and a kindergarten housed in the same build-

ing being counted as three schools. The number of school buildings owned as of the same date is 2,933.

The growth in the number of school districts, schools and buildings in recent years is shown in the following table:

| Year      | Dists. | Schools | Bldgs. |
|-----------|--------|---------|--------|
| 1921..... | 1,900  | .....   | 3,742  |
| 1922..... | 1,912  | 2,884   | 3,510  |
| 1923..... | 1,944  | 3,243   | 3,635  |
| 1924..... | 1,992  | 3,391   | 3,587  |
| 1925..... | 2,003  | 3,396   | 4,116  |
| 1926..... | 2,019  | *3,302  | *3,800 |
| 1927..... | 2,020  | 3,439   | 4,380  |
| 1928..... | 2,032  | 3,317   | 4,636  |
| 1929..... | 2,040  | 3,334   | 3,543  |
| 1930..... | 2,041  | 3,305   | 3,208  |
| 1931..... | 2,033  | 3,300   | 3,199  |
| 1932..... | 2,052  | 3,239   | 3,167  |
| 1933..... | 2,053  | 3,689   | 3,002  |
| 1934..... | 2,057  | 3,094   | 2,965  |
| 1935..... | 2,055  | 3,098   | 3,040  |
| 1936..... | 2,056  | 3,076   | 2,973  |
| 1937..... | 2,048  | 3,033   | 2,941  |
| 1938..... | †2,082 | 2,992   | 2,905  |
| 1939..... | †2,013 | 2,827   | 2,924  |
| 1940..... | †1,987 | 2,327   | 2,933  |

\*Apparent decrease is due to failure of Washington county superintendent to report in 1926, that county reporting 121 schools and 313 buildings in 1925.

†Of this total 53 are joint districts.

‡Of this total 52 are joint districts.

The valuation placed upon school property by years and amount invested per pupil enrolled was as follows:

| Year      | Valuation    |           |
|-----------|--------------|-----------|
|           | Total        | Per Pupil |
| 1922..... | \$33,518,134 | .....     |
| 1924..... | 43,100,821   | .....     |
| 1925..... | 48,803,695   | \$284.48  |
| 1926..... | 54,643,685   | 218.63    |
| 1927..... | 56,232,651   | 259.72    |
| 1928..... | 59,738,453   | 237.88    |
| 1929..... | 60,656,164   | 236.80    |
| 1930..... | 62,147,540   | 246.00    |
| 1931..... | 63,615,456   | 244.08    |
| 1932..... | 63,017,405   | 244.40    |
| 1933..... | 61,151,849   | 253.83    |
| 1934..... | 60,876,780   | 254.92    |
| 1935..... | 60,650,674   | 243.07    |
| 1936..... | 60,507,170   | 246.10    |
| 1937..... | 62,097,096   | 243.83    |
| 1938..... | 62,930,285   | 314.33    |
| 1939..... | 65,820,320   | 287.35    |
| 1940..... | 67,412,031   | 338.41    |

A statement of the school fund derived from the sale and leasing of state lands and amounts apportioned to the counties for school purposes will be found in the chapter on state or school lands. Distributions to the schools from the income fund for the biennial periods ending on November 30 up to and including 1930, and June 30 for subsequent years are as follows:

| Year                  | Amount      |
|-----------------------|-------------|
| 1918.....             | \$1,156,943 |
| 1920.....             | 1,520,396   |
| 1922.....             | 1,582,097   |
| 1924.....             | 1,777,314   |
| 1926.....             | 1,868,083   |
| 1928.....             | 1,672,690   |
| 1930.....             | 1,631,566   |
| 1932 (19 months)..... | 1,093,736   |
| 1934.....             | 1,257,419   |
| 1936.....             | 1,011,737   |
| 1938.....             | 1,529,378   |
| 1940.....             | 1,449,667   |

The total indebtedness of school districts at the close of fiscal years was as follows:

|           | Amount     | Per Pupil    |
|-----------|------------|--------------|
|           | 1933.....  | \$31,030,357 |
| 1934..... | 30,037,007 | 152.94       |
| 1935..... | 27,933,653 | 142.12       |
| 1936..... | 26,350,119 | 136.73       |
| 1937..... | 26,664,806 | 134.64       |
| 1938..... | 24,891,986 | 124.33       |
| 1939..... | 25,471,035 | 109.73       |
| 1940..... | 24,098,323 | 105.22       |

Beginning with 1933 the school system adopted a new method of accounting in line with that recommended by the office of education of the United States department of the interior. This system, in order to make the costs comparable by years and by states, uses disbursements for current expenses and interest and the daily average attendance as the basis for the determining of the cost of education. On this basis the cost per pupil, by years, for the state as a whole, is as follows:

| Year      | Current Expenses | Interest | Total   |
|-----------|------------------|----------|---------|
| 1933..... | \$86.49          | \$ 7.48  | \$93.97 |
| 1934..... | 77.23            | 7.26     | 84.49   |
| 1935..... | 78.91            | 7.83     | 86.74   |
| 1936..... | 84.01            | 6.95     | 90.96   |
| 1937..... | 86.81            | 6.14     | 92.95   |
| 1938..... | 88.88            | 5.87     | 94.75   |
| 1939..... | 94.23            | 5.89     | 100.12  |
| 1940..... | 91.99            | 5.34     | 97.33   |

Receipts and disbursements of all school districts, by years, as reported by the state superintendent of public instruction, exclusive of cash balances, are as follows:

| Year      | Receipts     | Disbursements |
|-----------|--------------|---------------|
| 1925..... | \$27,158,849 | \$26,720,801  |
| 1926..... | 25,204,797   | 26,888,074    |
| 1927..... | 24,113,137   | 24,518,450    |
| 1928..... | 25,432,727   | 25,410,668    |
| 1929..... | 25,216,148   | 25,157,462    |
| 1930..... | 26,393,967   | 26,213,617    |
| 1931..... | 25,179,563   | 26,172,932    |
| 1932..... | 23,470,700   | 24,441,542    |
| 1933..... | 19,942,552   | 19,977,734    |
| 1934..... | 19,279,198   | 18,211,815    |
| 1935..... | 20,613,439   | 20,934,353    |
| 1936..... | 21,997,349   | 21,538,623    |
| 1937..... | 21,294,972   | 22,648,594    |
| 1938..... | 20,690,143   | 23,017,216    |
| 1939..... | 23,114,683   | 24,256,754    |
| 1940..... | 23,167,169   | 24,276,900    |

Tables published herewith give summaries of receipts, expenditures and cash balances of all school districts combined for 1939 and 1940; current expenses, debt service and capital outlays in 1939 and 1940, all districts combined, with per capita and percentage costs; same data by counties for 1940; school bonds and registered warrants outstanding, by counties and by amounts and per pupil for 1939 and 1940; summaries of schools, teachers, school population and average salaries of teachers, by counties, in 1940; cash on hand, receipts and disbursements, by counties, for 1940; and value of school property, by counties, for 1940.

**PUBLIC SCHOOL SYSTEM: SUMMARY OF RECEIPTS OF ALL SCHOOL DISTRICTS COMBINED FOR 1940 AND 1939, WITH TOTAL EXPENDITURES AND CASH BALANCES**

Note—This table is composed of data for fiscal years ending June 30, as reported by school districts, through the county superintendents, to the state superintendent of public instruction. Two accompanying tables show cash balances at the beginning and close of fiscal years with total receipts and payments by years and by counties.

|   | 1940            | 1939            |
|---|-----------------|-----------------|
| <b>PENSION FUND:</b>                              |                 |                 |
| Cash on hand July 1.....                          | \$ 40,285.76    | \$ 33,226.74    |
| Receipts .....                                    | 273,491.91      | 250,412.38      |
| Available for pensions.....                       | \$ 313,777.67   | \$ 283,639.12   |
| <b>GENERAL FUND:</b>                              |                 |                 |
| Cash on hand July 1.....                          | \$ 283,463.06   | \$ 288,795.77   |
| County general school fund (minimum salary)....   | 4,285,099.26    | 4,671,001.82    |
| State aid (minimum salary).....                   | 841,532.34      | 701,878.60      |
| State income tax.....                             | 776,060.08      | 631,180.38      |
| Available for minimum salaries.....               | \$ 6,186,154.74 | \$ 6,292,856.57 |
| <b>SPECIAL FUND:</b>                              |                 |                 |
| Cash on hand July 1.....                          | \$ 3,051,508.76 | \$ 3,051,039.55 |
| Receipts:   |                 |                 |
| Special fund.....                                 | 12,404,206.29   | 11,885,504.32   |
| Tuition from other districts.....                 | 208,570.06      | 208,524.20      |
| Tuition from individuals.....                     | 35,342.96       | 31,342.40       |
| Received from State Income tax.....               | 146,769.15      | 114,525.19      |
| From district treasurers.....                     | 254,001.09      | 221,547.62      |
| Vocational Education.....                         | 156,961.38      | 136,074.00      |
| Other sources .....                               | 326,932.36      | 344,596.71      |
| Available .....                                   | \$16,584,292.05 | \$15,993,153.99 |
| <b>General Fund (OLD):</b>                        |                 |                 |
| Cash on hand July 1.....                          | \$ 11,898.58    | \$ 4,043.51     |
| Other fines or income.....                        | 21,941.82       | 44,845.04       |
| Available .....                                   | \$ 33,840.40    | \$ 48,888.55    |
| <b>LIBRARY FUND:</b>                              |                 |                 |
| Cash on hand July 1.....                          | \$ 1,010.10     | \$ 1,087.64     |
| Receipts from Library fund.....                   | 1,913.10        | 1,743.12        |
| Available .....                                   | \$ 2,923.20     | \$ 2,830.76     |
| Total available for current expenses.....         | \$23,120,988.06 | \$22,621,368.99 |
| <b>CAPITAL AND DEBT-SERVICE FUND:</b>             |                 |                 |
| Cash on hand July 1.....                          | \$ 1,692,914.63 | \$ 1,364,456.80 |
| Receipts:   |                 |                 |
| Sale of bonds.....                                | 444,168.90      | 955,678.41      |
| Taxes for interest and redemption of bonds....    | 2,672,842.19    | 2,572,973.94    |
| Special tax fund for capital outlay.....          | 53,583.17       | 65,063.34       |
| Other sources.....                                | 263,752.72      | 277,791.76      |
| Available for capital and debt-service.....       | \$ 5,127,261.61 | \$ 5,235,964.25 |
| <b>RECAPITULATION:</b>                            |                 |                 |
| Cash on hand, all funds, July 1.....              | \$ 5,081,080.89 | \$ 4,742,650.01 |
| Receipts, all funds.....                          | 23,167,168.78   | 23,114,683.23   |
| Warrants written but not paid during current year | 1,293,155.90    | 1,639,078.17    |
| Total .....                                       | \$29,541,405.57 | \$29,496,411.41 |
| Disbursements (see separate table)*.....          | \$24,276,900.54 | \$24,256,754.21 |
| Cash on hand at end of year.....                  | 5,264,505.03    | 5,239,657.20    |
| Total .....                                       | \$29,541,405.57 | \$29,496,411.41 |

\*Includes tax rebates as follows: \$16,231.28 in 1940 and \$13,751.08 in 1939.

**PUBLIC SCHOOL SYSTEM: CURRENT EXPENSES, DEBT SERVICE AND CAPITAL OUTLAY FOR ALL DISTRICTS COMBINED IN 1940 AND 1939, PER PUPIL COSTS AND PERCENTAGES OF TOTAL**

Note—This table is made up from data furnished by the school districts of the state through the county superintendents to the state superintendent of public instruction. Separate tables giving county figures for 1940 and 1939 show only the total disbursements and are not broken down in detail as given in this table. The figures are for fiscal years ending June 30. A similar break-down for 1938 and 1937 will be found on page 250 of the 1939-1940 Year Book.

|  | 1940                   |                                       |                   | 1939                   |                                       |                   |
|--|------------------------|---------------------------------------|-------------------|------------------------|---------------------------------------|-------------------|
|  | Amount                 | Per Pupil in Average Daily Attendance | Per Cent of Total | Amount                 | Per Pupil in Average Daily Attendance | Per Cent of Total |
| <b>CURRENT EXPENSES</b>                        |                        |                                       |                   |                        |                                       |                   |
| <b>General Control:</b>                        |                        |                                       |                   |                        |                                       |                   |
| Expenses of board.....                         | \$ 17,810.84           | \$ .09                                | .10               | \$ 21,126.95           | \$ .11                                | .11               |
| Salary of secretary.....                       | 115,137.83             | .58                                   | .63               | 109,024.25             | .55                                   | .60               |
| Other .....                                    | 277,032.69             | 1.39                                  | 1.51              | 296,887.56             | 1.53                                  | 1.62              |
| <b>Total .....</b>                             | <b>\$ 410,031.36</b>   | <b>\$ 2.06</b>                        | <b>2.24</b>       | <b>\$ 427,038.76</b>   | <b>\$ 2.19</b>                        | <b>2.33</b>       |
| <b>Instructional:</b>                          |                        |                                       |                   |                        |                                       |                   |
| Salaries of teachers.....                      | \$13,082,449.80        | \$ 65.67                              | 71.39             | \$13,013,959.56        | \$ 66.79                              | 70.86             |
| Textbooks .....                                | 182,874.71             | .92                                   | 1.00              | 201,658.05             | 1.03                                  | 1.10              |
| Instructional supplies...                      | 311,515.68             | 1.56                                  | 1.70              | 320,935.69             | 1.65                                  | 1.75              |
| Library .....                                  | 90,205.82              | .45                                   | .49               | 104,202.50             | .53                                   | .57               |
| Other .....                                    | 111,680.01             | .57                                   | .61               | 106,140.99             | .55                                   | .58               |
| <b>Total .....</b>                             | <b>\$13,778,726.02</b> | <b>\$ 69.17</b>                       | <b>75.19</b>      | <b>\$13,746,896.79</b> | <b>\$ 70.55</b>                       | <b>74.86</b>      |
| <b>Auxiliary Agencies:</b>                     |                        |                                       |                   |                        |                                       |                   |
| Health Service.....                            | \$ 113,670.94          | \$ .57                                | .62               | \$ 107,600.74          | \$ .55                                | .59               |
| Playground and athletics                       | 74,075.21              | .37                                   | .41               | 73,082.60              | .38                                   | .40               |
| Tuition paid out.....                          | 262,733.97             | 1.32                                  | 1.43              | 276,081.18             | 1.42                                  | 1.50              |
| Other .....                                    | 98,731.82              | .50                                   | .54               | 102,668.54             | .52                                   | .56               |
| <b>Total .....</b>                             | <b>\$ 549,211.94</b>   | <b>\$ 2.76</b>                        | <b>3.00</b>       | <b>\$ 559,433.06</b>   | <b>\$ 2.87</b>                        | <b>3.05</b>       |
| <b>Maintenance of plant:</b>                   |                        |                                       |                   |                        |                                       |                   |
| Repairs .....                                  | \$ 417,022.12          | \$ 2.09                               | 2.28              | \$ 439,231.09          | \$ 2.25                               | 2.39              |
| Replacements .....                             | 135,545.63             | .68                                   | .74               | 162,975.06             | .84                                   | .89               |
| <b>Total .....</b>                             | <b>\$ 552,567.75</b>   | <b>\$ 2.77</b>                        | <b>3.02</b>       | <b>\$ 602,206.15</b>   | <b>\$ 3.09</b>                        | <b>3.28</b>       |
| <b>Operation of plant:</b>                     |                        |                                       |                   |                        |                                       |                   |
| Custodian's salary.....                        | \$ 885,393.12          | \$ 4.44                               | 4.83              | \$ 872,091.91          | \$ 4.48                               | 4.75              |
| Custodian's supplies.....                      | 131,478.98             | .66                                   | .72               | 125,024.78             | .64                                   | .68               |
| Light, power, water, telephone, telegraph..... | 245,532.75             | 1.23                                  | 1.34              | 248,167.92             | 1.27                                  | 1.35              |
| Fuel .....                                     | 328,375.62             | 1.65                                  | 1.79              | 352,057.19             | 1.81                                  | 1.92              |
| Other .....                                    | 64,811.28              | .33                                   | .35               | 70,959.63              | .36                                   | .39               |
| <b>Total .....</b>                             | <b>\$ 1,655,591.75</b> | <b>\$ 8.31</b>                        | <b>9.03</b>       | <b>\$ 1,668,301.43</b> | <b>\$ 8.56</b>                        | <b>9.09</b>       |
| <b>Transportation:</b>                         |                        |                                       |                   |                        |                                       |                   |
| Drivers' salaries.....                         | \$ 166,621.03          | \$ .84                                | .91               | \$ 158,286.31          | \$ .81                                | .86               |
| Gas and oil .....                              | 77,173.41              | .39                                   | .42               | 78,419.89              | .40                                   | .43               |
| Payments of contract...                        | 316,769.30             | 1.59                                  | 1.73              | 341,685.22             | 1.75                                  | 1.86              |
| Allowances to parents...                       | 31,549.89              | .16                                   | .17               | 33,731.67              | .17                                   | .18               |
| Other .....                                    | 118,733.88             | .59                                   | .65               | 107,661.26             | .56                                   | .58               |
| <b>Total .....</b>                             | <b>\$ 710,847.51</b>   | <b>\$ 3.57</b>                        | <b>3.88</b>       | <b>\$ 719,784.35</b>   | <b>\$ 3.69</b>                        | <b>3.91</b>       |
| <b>Fixed Charges:</b>                          |                        |                                       |                   |                        |                                       |                   |
| Insurance .....                                | \$ 167,179.50          | \$ .84                                | .91               | \$ 162,367.05          | \$ .83                                | .88               |
| Rent .....                                     | 49,079.12              | .25                                   | .27               | 52,561.39              | .27                                   | .29               |
| County treasurers' fees...                     | 157,480.56             | .79                                   | .86               | 152,336.99             | .78                                   | .82               |
| Teachers' pensions.....                        | 269,531.33             | 1.35                                  | 1.47              | 253,302.59             | 1.30                                  | 1.38              |
| Other .....                                    | 24,329.28              | .12                                   | .13               | 18,969.88              | .10                                   | .11               |
| <b>Total .....</b>                             | <b>\$ 667,599.79</b>   | <b>\$ 3.35</b>                        | <b>3.64</b>       | <b>\$ 639,537.90</b>   | <b>\$ 3.28</b>                        | <b>3.48</b>       |
| <b>Grand total, current expenses</b>           | <b>\$18,324,576.12</b> | <b>\$ 91.99</b>                       | <b>100.00</b>     | <b>\$18,363,198.44</b> | <b>\$ 94.23</b>                       | <b>100.00</b>     |
| <b>DEBT SERVICE</b>                            |                        |                                       |                   |                        |                                       |                   |
| Warrants paid (issued in previous years).....  | \$ 1,538,952.84        | \$ 7.73                               | 35.77             | \$ 1,507,303.44        | \$ 7.74                               | 35.21             |
| Interest on warrants.....                      | 92,996.07              | .47                                   | 2.16              | 102,595.97             | .53                                   | 2.40              |
| Redemption on bonds.....                       | 1,700,067.02           | 8.53                                  | 39.52             | 1,625,510.26           | 8.34                                  | 37.97             |
| Interest on bonds.....                         | 970,028.06             | 4.87                                  | 22.55             | 1,045,503.11           | 5.36                                  | 24.42             |
| <b>Total .....</b>                             | <b>\$ 4,302,043.99</b> | <b>\$ 21.60</b>                       | <b>100.00</b>     | <b>\$ 4,280,912.78</b> | <b>\$ 21.97</b>                       | <b>100.00</b>     |
| <b>CAPITAL OUTLAY</b>                          |                        |                                       |                   |                        |                                       |                   |
| Sites .....                                    | \$ 43,064.95           | \$ .22                                | 2.64              | \$ 44,517.19           | \$ .23                                | 2.78              |
| Buildings .....                                | 1,196,801.93           | 6.00                                  | 73.24             | 1,206,617.75           | 6.19                                  | 75.47             |
| New equipment.....                             | 290,604.81             | 1.46                                  | 17.78             | 275,673.77             | 1.42                                  | 17.24             |
| Other .....                                    | 103,577.46             | .52                                   | 6.34              | 72,083.20              | .37                                   | 4.51              |
| <b>Total .....</b>                             | <b>\$ 1,634,049.15</b> | <b>\$ 8.20</b>                        | <b>100.00</b>     | <b>\$ 1,598,891.91</b> | <b>\$ 8.21</b>                        | <b>100.00</b>     |
| <b>RECAPITULATION</b>                          |                        |                                       |                   |                        |                                       |                   |
| Current expenses.....                          | \$18,324,576.12        | \$ 91.99                              | 75.53             | \$18,363,198.44        | \$ 94.23                              | 75.75             |
| Debt service.....                              | 4,302,043.99           | 21.60                                 | 17.73             | 4,280,912.78           | 21.97                                 | 17.65             |
| Capital outlay.....                            | 1,634,049.15           | 8.20                                  | 6.74              | 1,598,891.91           | 8.21                                  | 6.60              |
| <b>Grand total*</b> .....                      | <b>\$24,260,669.26</b> | <b>\$121.79</b>                       | <b>100.00</b>     | <b>\$24,243,003.13</b> | <b>\$124.41</b>                       | <b>100.00</b>     |

\*Exclusive of tax rebates: \$16,231.28 in 1940, and \$13,751.08 in 1939.

**PUBLIC SCHOOL SYSTEM: CURRENT EXPENSES, INTEREST PAYMENTS AND CAPITAL OUTLAYS, BY COUNTIES, FOR 1940, WITH PER PUPIL COST BASED ON AVERAGE DAILY ATTENDANCE**

Note—This table is made up from the report of the state superintendent of public instruction and is composed of county totals only for the specified items, the distribution of these totals being shown in a table for all districts in the state combined. Funds disbursed for the redemption of bonds are not shown, as some of these are paid out of sinking funds, accumulated over a period of years and are not applicable to any single year. The figures are for the fiscal year ending June 30.

| COUNTY      | Current Expenses |           | Interest on Bonds and Registered Warrants |           | Capital Outlay |           | Value of Property |           |
|-------------|------------------|-----------|---|-----------|----------------|-----------|-------------------|-----------|
|             | Amount           | Per Pupil | Amount                                    | Per Pupil | Amount         | Per Pupil | Amount            | Per Pupil |
| Adams       | \$ 334,876       | \$84.63   | \$ 20,208                                 | \$ 5.10   | \$ 30,126      | \$ 7.61   | \$ 1,026,500      | \$259.41  |
| Alamosa     | 161,913          | 78.10     | 13,121                                    | 6.33      | 26,753         | 12.91     | 599,515           | 289.20    |
| Arapahoe    | 388,695          | 69.58     | 25,127                                    | 4.50      | 21,822         | 3.91      | 1,270,428         | 227.43    |
| Archuleta   | 39,756           | 52.81     | 3,896                                     | 5.33      | 799            | 1.09      | 165,376           | 226.23    |
| Baca        | 127,267          | 90.64     | 12,960                                    | 9.16      | 6,980          | 4.93      | 388,555           | 274.60    |
| Bent        | 127,954          | 73.93     | 5,130                                     | 2.96      | 1,526          | .88       | 500,794           | 289.31    |
| Bulder      | 633,914          | 95.97     | 22,041                                    | 3.34      | 62,692         | 9.49      | 2,091,089         | 316.59    |
| Chaffee     | 115,385          | 76.99     | 3,684                                     | 2.46      | 1,464          | .98       | 358,840           | 239.39    |
| Cheyenne    | 91,784           | 158.28    | 7,028                                     | 12.11     | 13,568         | 23.39     | 340,280           | 586.69    |
| Clear Creek | 56,438           | 94.08     | 4,094                                     | 6.82      | 2,243          | 3.74      | 386,835           | 644.73    |
| Conejos     | 127,911          | 48.29     | 16,205                                    | 6.12      | 7,603          | 2.87      | 513,150           | 193.79    |
| Costilla    | 52,418           | 37.99     | 14,704                                    | 10.66     | 3,997          | 2.90      | 184,750           | 133.88    |
| Crowley     | (1)              | .....     | (1)                                       | .....     | (1)            | .....     | 396,600           | 386.92    |
| Custer      | 28,943           | 83.65     | 1,791                                     | 5.18      | 680            | 1.97      | 80,190            | 231.76    |
| Delta       | 249,151          | 73.63     | 9,591                                     | 2.83      | 18,553         | 5.48      | 699,679           | 206.76    |
| Denver      | 5,454,656        | 108.51    | 300,620                                   | 5.98      | 59,305         | 1.18      | 22,486,494        | 447.32    |
| Dolores     | 24,786           | 62.96     | 1,658                                     | 4.21      | 2,949          | 7.50      | 29,650            | 75.25     |
| Douglas     | 90,961           | 140.11    | 1,705                                     | 2.63      | 6,861          | 10.57     | 260,450           | 401.31    |
| Eagle       | 103,464          | 107.17    | 3,211                                     | 3.33      | 16,278         | 16.87     | 308,428           | 319.61    |
| Elbert      | 116,672          | 112.78    | 4,605                                     | 4.45      | 5,111          | 4.94      | 359,645           | 347.82    |
| El Paso     | 967,567          | 115.83    | 37,354                                    | 4.47      | 428,274        | 51.27     | 3,803,008         | 455.29    |
| Fremont     | 289,718          | 81.80     | 21,531                                    | 6.08      | 11,041         | 3.12      | 964,682           | 272.36    |
| Garfield    | 175,491          | 90.01     | 16,569                                    | 8.45      | 7,720          | 3.94      | 812,153           | 414.15    |
| Gilpin      | 33,412           | 98.34     | 1,753                                     | 7.27      | 17,520         | 72.70     | 114,090           | 473.40    |
| Grand       | 52,339           | 83.06     | 2,951                                     | 4.68      | 17,701         | 28.10     | 137,050           | 217.54    |
| Gunnison    | 120,721          | 100.05    | 17,812                                    | 15.24     | 1,950          | 1.67      | 524,850           | 448.97    |
| Hinsdale    | 6,251            | 116.84    | 783                                       | 14.50     | .....          | .....     | 9,250             | 171.30    |
| Huerfano    | 201,729          | 66.14     | 7,757                                     | 2.55      | 6,428          | 2.11      | 700,397           | 229.64    |
| Jackson     | 26,861           | 103.09    | 554                                       | 2.14      | 2,385          | 9.21      | 59,100            | 228.19    |
| Jefferson   | 406,198          | 77.68     | 22,132                                    | 4.23      | 74,250         | 14.20     | 1,762,234         | 337.01    |
| Kiowa       | 86,436           | 148.74    | 6,502                                     | 11.19     | 1,182          | 2.03      | 298,208           | 513.27    |
| Kit Carson  | 170,285          | 108.24    | 12,877                                    | 8.19      | 20,045         | 12.74     | 552,864           | 351.47    |
| Lake        | 94,497           | 109.77    | .....                                     | .....     | 2,534          | 2.94      | 151,746           | 176.24    |
| La Plata    | 217,520          | 77.48     | 7,596                                     | 2.71      | 28,695         | 10.22     | 730,125           | 260.02    |
| Larimer     | 582,691          | 87.37     | 36,761                                    | 5.51      | 107,177        | 16.07     | 2,104,851         | 315.61    |
| Las Animas  | 549,702          | 83.66     | 26,689                                    | 4.06      | 14,175         | 2.16      | 1,176,285         | 185.10    |
| Lincoln     | 145,269          | 116.35    | 9,699                                     | 7.77      | 5,756          | 4.61      | 376,340           | 301.31    |
| Logan       | 375,842          | 103.95    | 19,244                                    | 5.28      | 21,155         | 5.80      | 954,411           | 261.84    |
| Mesa        | 540,223          | 82.23     | 39,856                                    | 6.07      | 42,334         | 6.44      | 1,784,725         | 271.65    |
| Mineral     | 12,127           | 74.37     | .....                                     | .....     | .....          | .....     | 10,600            | 65.03     |
| Moffat      | 83,677           | 92.93     | 3,888                                     | 4.32      | 31,828         | 35.40     | 313,125           | 348.30    |
| Montezuma   | 116,058          | 55.70     | 7,925                                     | 3.80      | 3,655          | 1.75      | 264,300           | 126.82    |
| Montrose    | 192,519          | 61.24     | 9,339                                     | 2.97      | 106,844        | 33.98     | 861,450           | 274.00    |
| Morgan      | 325,410          | 87.07     | 26,445                                    | 7.08      | 7,020          | 1.88      | 1,018,409         | 272.52    |
| Otero       | 377,127          | 76.85     | 24,424                                    | 4.98      | 23,572         | 4.80      | 1,842,463         | 375.44    |
| Ouray       | 36,995           | 100.74    | 2,771                                     | 7.55      | 1,210          | 3.30      | 153,168           | 417.35    |
| Park        | 60,658           | 121.28    | 39  | .08       | 3,091          | 6.23      | 95,025            | 191.58    |
| Phillips    | 108,512          | 104.23    | 6,149                                     | 5.91      | 1,098          | 1.05      | 227,200           | 218.25    |
| Pitkin      | 25,909           | 90.31     | 293                                       | 1.01      | 192            | .67       | 44,810            | 156.13    |
| Prowers     | 231,372          | 95.91     | 17,459                                    | 7.13      | 8,207          | 3.35      | 757,627           | 309.49    |
| Pueblo      | 1,069,069        | 94.71     | 63,173                                    | 5.56      | 194,828        | 17.15     | 4,729,770         | 416.27    |
| Rio Blanco  | 49,129           | 88.20     | 4,686                                     | 8.41      | 11,524         | 20.69     | 194,450           | 349.10    |
| Rio Grande  | 209,044          | 81.10     | 19,766                                    | 7.66      | 11,035         | 4.28      | 781,753           | 303.12    |
| Routt       | 180,616          | 90.92     | 9,048                                     | 4.55      | 35,087         | 17.66     | 494,680           | 248.96    |
| Saguache    | (1)              | .....     | (1)                                       | .....     | (1)            | .....     | 440,265           | 369.35    |
| San Juan    | (1)              | .....     | (1)                                       | .....     | (1)            | .....     | (1)               | .....     |
| San Miguel  | 48,445           | 83.52     | 3,866                                     | 6.67      | 820            | 1.41      | 97,700            | 168.45    |
| Sedgwick    | 113,725          | 102.28    | 16,436                                    | 14.75     | 6,807          | 6.11      | 448,000           | 402.15    |
| Summit      | 23,709           | 161.13    | 1,725                                     | 12.23     | 870            | 6.17      | 81,794            | 580.09    |
| Teller      | 84,058           | 78.45     | 683                                       | .64       | 2,067          | 1.92      | 203,200           | 189.73    |
| Washington  | 193,287          | 108.79    | 9,997                                     | 5.63      | 16,617         | 9.35      | 522,696           | 294.15    |
| Weld        | 1,183,108        | 92.05     | 62,856                                    | 4.88      | 63,735         | 4.94      | 3,851,974         | 299.04    |
| Yuma        | 230,326          | 90.96     | 12,227                                    | 4.83      | 4,310          | 1.70      | 473,955           | 187.18    |
| State       | \$18,324,576     | \$91.99   | \$ 1,063,024                              | \$ 5.34   | \$ 1,634,049   | \$ 8.20   | \$67,412,031      | \$338.41  |

(1) Not available.

PUBLIC SCHOOL SYSTEM: SCHOOL BONDS AND REGISTERED WARRANTS OUTSTANDING, BY COUNTIES, AND BY AMOUNTS, AND PER PUPIL, BASED ON AVERAGE DAILY ATTENDANCE, 1940 AND 1939

(Source: Superintendent of Public Instruction)

| COUNTY            | 1940         |              |              |           | 1939         |              |              |           |
|-------------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|-----------|
|                   | Bonds        | Warrants     | Total Debt   | Per Pupil | Bonds        | Warrants     | Total Debt   | Per Pupil |
| Adams -----       | \$ 363,200   | \$ 22,608    | \$ 385,808   | \$ 97.50  | \$ 457,550   | \$ 33,961    | \$ 491,511   | \$123.24  |
| Alamosa -----     | 216,500      | 54,469       | 270,969      | 130.71    | 226,000      | 62,742       | 288,742      | 140.10    |
| Arapahoe -----    | 414,500      | 27,686       | 442,186      | 79.16     | 547,600      | 30,826       | 578,426      | 109.57    |
| Archuleta -----   | 74,900       | 2,179        | 77,079       | 105.44    | 76,300       | 1,735        | 78,035       | 111.00    |
| Baca -----        | 176,550      | 48,422       | 224,972      | 158.99    | 188,100      | 71,582       | 259,682      | 174.99    |
| Bent -----        | 103,000      | 7,749        | 110,749      | 63.98     | 124,900      | 16,831       | 141,731      | 85.48     |
| Boulder -----     | 581,300      | 58,298       | 639,598      | 96.84     | 608,100      | 55,928       | 664,028      | 100.61    |
| Chaffee -----     | 79,500       | 478          | 79,978       | 53.35     | 85,000       | 1,920        | 86,920       | 54.59     |
| Cheyenne -----    | 144,500      | 3,662        | 148,162      | 255.45    | 160,500      | 653          | 161,153      | 273.60    |
| Clear Creek ----- | 107,500      | 6,971        | 114,471      | 190.79    | 111,500      | 5,034        | 116,534      | 192.62    |
| Conejos -----     | 214,028      | 97,661       | 311,689      | 117.71    | 226,628      | 98,590       | 325,218      | 126.74    |
| Costilla -----    | 131,300      | 158,806      | 290,106      | 210.22    | 128,300      | 154,722      | 283,022      | 212.95    |
| Crowley -----     | 349,000      | (1)          | 349,000      | 340.49    | 441,000      | 51,390       | 492,390      | 434.21    |
| Custer -----      | 29,500       | 7,200        | 36,700       | 106.07    | 31,500       | 7,026        | 38,526       | 106.72    |
| Delta -----       | 171,500      | 32,212       | 203,712      | 60.20     | 184,500      | 28,256       | 212,756      | 60.80     |
| Denver -----      | 6,016,000    | ---          | 6,016,000    | 119.68    | 6,525,500    | 41,359       | 6,566,859    | 145.15    |
| Dolores -----     | 11,700       | 2,092        | 13,792       | 35.01     | 14,063       | 1,781        | 15,844       | 42.82     |
| Douglas -----     | 46,000       | 3,778        | 49,778       | 76.70     | 55,000       | 3,026        | 58,026       | 91.09     |
| Eagle -----       | 77,823       | 1,500        | 79,323       | 82.20     | 63,700       | 2,181        | 65,881       | 67.36     |
| Elbert -----      | 57,300       | 25,304       | 82,604       | 79.89     | 64,300       | 25,541       | 89,841       | 84.44     |
| El Paso -----     | 980,000      | 56,567       | 1,036,567    | 124.10    | 770,500      | 55,193       | 825,693      | 97.84     |
| Fremont -----     | 468,500      | 61,786       | 530,286      | 149.71    | 509,500      | 79,918       | 589,418      | 159.69    |
| Garfield -----    | 325,200      | 9,957        | 335,157      | 170.91    | 315,200      | 10,497       | 325,697      | 160.52    |
| Gilpin -----      | 27,000       | 17,737       | 44,737       | 185.63    | 5,000        | 20,529       | 25,529       | 105.49    |
| Grand -----       | 71,000       | 1,330        | 72,330       | 114.81    | 69,000       | 4,617        | 73,617       | 124.14    |
| Gunnison -----    | 324,500      | 36,266       | 360,766      | 308.61    | 349,500      | 42,188       | 391,688      | 317.67    |
| Hinsdale -----    | ---          | 11,206       | 11,206       | 207.52    | ---          | 11,670       | 11,670       | 220.19    |
| Huerfano -----    | 127,500      | 116,067      | 243,567      | 79.86     | 114,900      | 94,459       | 209,359      | 66.82     |
| Jackson -----     | 28,000       | 1,991        | 29,991       | 115.86    | 28,000       | 1,292        | 29,292       | 126.25    |
| Jafferson -----   | 536,100      | 71,258       | 607,358      | 116.15    | 535,000      | 65,896       | 600,896      | 118.92    |
| Kiowa -----       | 144,000      | 5,959        | 149,959      | 258.11    | 123,500      | 7,879        | 131,379      | 209.20    |
| Kit Carson -----  | 233,100      | 23,988       | 257,088      | 163.44    | 250,600      | 27,351       | 277,951      | 171.46    |
| Lake -----        | ---          | 239          | 239          | .27       | ---          | 96           | 96           | .11       |
| La Plata -----    | 178,800      | 1,861        | 180,661      | 64.34     | 191,600      | 3,817        | 195,417      | 69.52     |
| Larimer -----     | 922,600      | 39,086       | 961,686      | 144.20    | 987,600      | 39,590       | 1,027,190    | 151.23    |
| Las Animas -----  | 284,400      | 303,618      | 588,018      | 89.49     | 285,500      | 357,714      | 643,214      | 95.12     |
| Lincoln -----     | 143,900      | 9,542        | 153,442      | 122.85    | 156,800      | 11,160       | 167,960      | 126.67    |
| Logan -----       | 396,900      | 20,157       | 417,057      | 114.42    | 428,500      | 15,329       | 443,829      | 122.47    |
| Monteosa -----    | 918,900      | 81,153       | 1,000,053    | 152.21    | 923,350      | 134,706      | 1,058,056    | 157.73    |
| Mineral -----     | ---          | ---          | ---          | ---       | ---          | ---          | ---          | ---       |
| Moffat -----      | 77,700       | 9,225        | 86,925       | 96.69     | 86,300       | 8,350        | 94,650       | 102.10    |
| Montezuma -----   | 78,200       | 49,571       | 127,771      | 61.31     | 85,500       | 90,547       | 176,047      | 83.86     |
| Montrose -----    | 246,200      | 2,659        | 248,859      | 79.15     | 260,800      | 1,447        | 262,247      | 85.26     |
| Morgan -----      | 620,000      | 8,563        | 628,563      | 168.20    | 642,000      | 19,238       | 661,238      | 175.11    |
| North Park -----  | 543,500      | 41,606       | 585,106      | 119.24    | 544,000      | 38,072       | 582,072      | 115.70    |
| Pueblo -----      | 67,200       | 1,488        | 68,688       | 187.16    | 71,200       | 2,314        | 73,514       | 194.48    |
| Park -----        | 11,000       | 2,153        | 13,153       | 26.52     | 12,000       | 3,350        | 15,350       | 28.32     |
| Phillips -----    | 135,500      | 10,777       | 146,277      | 140.51    | 150,700      | 12,609       | 163,309      | 155.08    |
| Pitkin -----      | ---          | 3,562        | 3,562        | 12.41     | ---          | 7,332        | 7,332        | 26.34     |
| Producers -----   | 347,200      | 68,680       | 415,880      | 169.88    | 340,700      | 78,008       | 418,708      | 171.67    |
| Pueblo -----      | 1,486,200    | 38,305       | 1,524,505    | 134.18    | 1,551,050    | 63,923       | 1,614,973    | 144.26    |
| San Juan -----    | 580,000      | 5,791        | 585,791      | 1,051.69  | 95,000       | 2,225        | 97,225       | 171.47    |
| San Grande -----  | 354,879      | 12,741       | 367,620      | 142.54    | 455,345      | 14,233       | 469,578      | 187.08    |
| Seminole -----    | 190,100      | 5,410        | 195,510      | 98.39     | 195,600      | 1,323        | 196,923      | 94.77     |
| Southern -----    | (1)          | (1)          | (1)          | (1)       | 133,013      | 27,532       | 160,545      | 139.47    |
| Summit -----      | (1)          | (1)          | (1)          | (1)       | (1)          | (1)          | (1)          | (1)       |
| Teller -----      | 56,400       | 26,916       | 83,316       | 143.65    | 58,500       | 26,226       | 84,726       | 157.19    |
| Trinidad -----    | 348,000      | 3,063        | 351,063      | 315.13    | 363,000      | 1,694        | 364,694      | 330.04    |
| Windsor -----     | 34,000       | 2,350        | 36,350       | 257.80    | 35,000       | 2,371        | 37,371       | 229.26    |
| Yuma -----        | 15,000       | 4,203        | 19,203       | 17.93     | 15,000       | 249          | 15,249       | 14.44     |
| Washington -----  | 135,200      | 18,705       | 153,905      | 86.61     | 151,000      | 11,691       | 162,691      | 97.30     |
| Weld -----        | 1,252,800    | 57,694       | 1,310,494    | 101.74    | 1,466,100    | 63,690       | 1,529,790    | 118.26    |
| Wentworth -----   | 238,803      | 134          | 238,937      | 94.37     | 231,603      | 1,124        | 232,727      | 89.51     |
| State -----       | \$22,293,883 | \$ 1,804,439 | \$24,098,322 | \$120.98  | \$23,315,502 | \$ 2,156,533 | \$25,472,035 | \$130.73  |

Note—1940 warrants for \$514,324.45 issued during previous years and \$1,290,116.19 issued but not paid during current fiscal year. 1939 warrants for \$489,922.93 issued during previous year and \$1,666,609.85 issued but not paid during current fiscal year.

(1) Not available.

## PUBLIC SCHOOLS: TEACHERS AND SCHOOL POPULATION, 1940

(Source: State Superintendent of Public Instruction)

| COUNTY      | Total Number         |         |                     | Teachers |        |       | School Population     |                             |                      |
|-------------|----------------------|---------|---------------------|----------|--------|-------|-----------------------|-----------------------------|----------------------|
|             | No. of School Dists. | Schools | School Bldgs. Owned | Male     | Female | Total | Persons of School Age | Enrollm't in Public Schools | †Aver. Daily Attend. |
| Adams       | 43                   | 60      | 80                  | 51       | 161    | 212   | 6,495                 | 4,198                       | 3,957                |
| Alamosa     | 14                   | 13      | 17                  | 19       | 66     | 85    | 3,069                 | 2,281                       | 2,073                |
| Arapahoe    | 27                   | 37      | 44                  | 65       | 159    | 224   | 7,615                 | 5,854                       | 5,586                |
| Archuleta   | 21                   | 24      | 25                  | 8        | 30     | 38    | 1,263                 | 798                         | 731                  |
| Baca        | 58                   | 46      | 81                  | 45       | 61     | 106   | 2,026                 | 1,477                       | 1,415                |
| Bent        | 36                   | 30      | 40                  | 22       | 63     | 85    | 2,301                 | 1,866                       | 1,731                |
| Boulder     | 54                   | 62      | 78                  | 91       | 231    | 322   | 10,262                | 6,984                       | 6,605                |
| Chaffee     | 23                   | 24      | 28                  | 17       | 54     | 71    | 2,357                 | 1,544                       | 1,499                |
| Cheyenne    | 8                    | 13      | 18                  | 13       | 31     | 44    | 850                   | 635                         | 580                  |
| Clear Creek | 9                    | 8       | 12                  | 10       | 24     | 34    | 820                   | 626                         | 600                  |
| Conejos     | 30                   | 33      | 38                  | 35       | 91     | 126   | 4,127                 | 2,934                       | 2,648                |
| Costilla    | 13                   | 19      | 19                  | 17       | 37     | 54    | 2,394                 | 1,636                       | 1,350                |
| Crowley     | 9                    | 10      | 17                  | 21       | 37     | 58    | 1,861                 | 1,209                       | 1,025                |
| Custer      | 22                   | 22      | 23                  | 6        | 23     | 29    | 557                   | 370                         | 346                  |
| Delta       | 18                   | 25      | 39                  | 46       | 102    | 148   | 5,346                 | 3,561                       | 3,334                |
| Denver      | 1                    | 59      | 93                  | 428      | 1,280  | 1,708 | 80,476                | 53,689                      | 50,269               |
| Dolores     | 11                   | 15      | 16                  | 7        | 19     | 26    | 590                   | 415                         | 394                  |
| Douglas     | 33                   | 33      | 33                  | 12       | 46     | 58    | 914                   | 689                         | 649                  |
| Eagle       | 23                   | 32      | 31                  | 17       | 46     | 63    | 1,323                 | 1,003                       | 965                  |
| Elbert      | 45                   | 62      | 66                  | 16       | 83     | 99    | 1,607                 | 1,085                       | 1,034                |
| El Paso     | 33                   | 47      | 67                  | 109      | 284    | 393   | 12,631                | 8,432                       | 8,353                |
| Fremont     | 31                   | 42      | 53                  | 48       | 124    | 172   | 5,148                 | 3,580                       | 3,542                |
| Garfield    | 43                   | 42      | 52                  | 33       | 92     | 125   | 3,185                 | 2,136                       | 1,961                |
| Gilpin      | 11                   | 9       | 12                  | 3        | 15     | 18    | 325                   | 251                         | 241                  |
| Grand       | 16                   | 21      | 23                  | 11       | 31     | 42    | 785                   | 657                         | 630                  |
| Gunnison    | 25                   | 22      | 32                  | 19       | 49     | 68    | 1,706                 | 1,279                       | 1,169                |
| Hinsdale    | 4                    | 4       | 5                   | 2        | 5      | 7     | 80                    | 54                          | 54                   |
| Huerfano    | 52                   | 67      | 73                  | 37       | 111    | 148   | 5,747                 | 3,241                       | 3,050                |
| Jackson     | 6                    | 10      | 11                  | 2        | 19     | 21    | 436                   | 305                         | 269                  |
| Jefferson   | 45                   | 48      | 54                  | 54       | 180    | 234   | 7,409                 | 5,576                       | 5,229                |
| Kiowa       | 17                   | 18      | 24                  | 15       | 34     | 49    | 937                   | 621                         | 581                  |
| Kit Carson  | 81                   | 75      | 89                  | 32       | 98     | 130   | 2,477                 | 1,624                       | 1,573                |
| Lake        | 8                    | 9       | 15                  | 11       | 32     | 43    | 1,604                 | 883                         | 861                  |
| La Plata    | 36                   | 57      | 59                  | 31       | 114    | 145   | 4,726                 | 3,007                       | 2,808                |
| Larimer     | 45                   | 60      | 79                  | 70       | 261    | 331   | 10,161                | 7,046                       | 6,669                |
| Las Animas  | 110                  | 112     | 146                 | 101      | 240    | 341   | 11,363                | 7,710                       | 6,571                |
| Lincoln     | 40                   | 46      | 76                  | 31       | 65     | 96    | 1,781                 | 1,319                       | 1,249                |
| Logan       | 55                   | 62      | 74                  | 65       | 174    | 239   | 6,258                 | 3,954                       | 3,645                |
| Mesa        | 35                   | 49      | 65                  | 102      | 213    | 315   | 10,589                | 7,479                       | 6,570                |
| Mineral     | 3                    | 2       | 3                   | 2        | 5      | 7     | 185                   | 175                         | 163                  |
| Moffat      | 38                   | 47      | 65                  | 13       | 59     | 72    | 1,310                 | 1,040                       | 899                  |
| Montezuma   | 31                   | 37      | 40                  | 31       | 65     | 96    | 3,245                 | 2,281                       | 2,084                |
| Montrose    | 26                   | 30      | 38                  | 35       | 101    | 136   | 4,375                 | 3,316                       | 3,144                |
| Morgan      | 19                   | 39      | 57                  | 46       | 132    | 178   | 5,561                 | 3,968                       | 3,737                |
| Otero       | 18                   | 24      | 30                  | 73       | 140    | 213   | 7,905                 | 5,136                       | 4,907                |
| Ouray       | 10                   | 9       | 16                  | 5        | 17     | 22    | 519                   | 373                         | 367                  |
| Park        | 19                   | 23      | 29                  | 11       | 35     | 46    | 834                   | 528                         | 496                  |
| Phillips    | 38                   | 38      | 44                  | 22       | 59     | 81    | 1,433                 | 1,130                       | 1,041                |
| Pitkin      | 15                   | 14      | 13                  | 5        | 17     | 22    | 441                   | 297                         | 287                  |
| Prowers     | 50                   | 51      | 61                  | 34       | 110    | 144   | 3,694                 | 2,586                       | 2,441                |
| Pueblo      | 46                   | 62      | 88                  | 117      | 390    | 507   | 17,462                | 12,219                      | 11,366               |
| Rio Blanco  | 15                   | 26      | 32                  | 10       | 33     | 43    | 924                   | 586                         | 557                  |
| Rio Grande  | 6                    | 7       | 19                  | 28       | 77     | 105   | 4,630                 | 2,829                       | 2,571                |
| Routt       | 48                   | 52      | 64                  | 31       | 87     | 118   | 2,929                 | 2,085                       | 1,981                |
| Saguache    | 18                   | 15      | 21                  | 19       | 41     | 60    | 2,060                 | 1,444                       | 1,191                |
| San Juan    | 1                    | ...     | ...                 | ...      | ...    | ...   | 414                   | ...                         | ...                  |
| San Miguel  | 15                   | 17      | 19                  | 9        | 28     | 37    | 813                   | 619                         | 581                  |
| Sedgwick    | 25                   | 26      | 30                  | 24       | 50     | 74    | 1,608                 | 1,200                       | 1,111                |
| Summit      | 9                    | 9       | 9                   | 3        | 13     | 16    | 263                   | 195                         | 141                  |
| Teller      | 10                   | 11      | 13                  | 14       | 32     | 46    | 1,594                 | 1,124                       | 1,071                |
| Washington  | 87                   | 103     | 116                 | 42       | 120    | 162   | 2,649                 | 1,842                       | 1,777                |
| Weld        | 133                  | 141     | 187                 | 184      | 482    | 666   | 20,572                | 13,518                      | 12,851               |
| Yuma        | 116                  | 117     | 132                 | 59       | 135    | 194   | 3,701                 | 2,698                       | 2,531                |
| State       | *1,987               | 2,327   | 2,933               | 2,539    | 7,013  | 9,552 | 312,722               | 213,697                     | 199,201              |

\*52 are Joint Districts.

†Carried to nearest whole number.

‡Full time day school.

**PUBLIC SCHOOL SYSTEM: AVERAGE ANNUAL SALARIES OF TEACHERS, 1940**  
(Source: State Superintendent of Public Instruction)

| COUNTY      | Kindergarten Schools | Elementary Schools | Junior High Schools | Senior High Schools | Superintendents, Principals, and Supervisors | *County Average for All Teachers |
|-------------|----------------------|--------------------|---------------------|---------------------|--|----------------------------------|
| Adams       |                      | \$ 933.70          | \$1,315.39          | \$1,331.82          | \$1,967.18                                   | \$1,056.59                       |
| Alamosa     |                      | 1,084.59           | 1,158.26            | 1,343.11            | 2,387.50                                     | 1,212.72                         |
| Arapahoe    |                      | 1,440.00           | 1,099.56            | 861.92              | 1,346.86                                     | 1,845.51                         |
| Archuleta   |                      | 759.84             | 639.50              | 1,255.83            | .....  | 789.50                           |
| Baca        |                      | 709.61             | 675.00              | 906.01              | 1,569.50                                     | 790.99                           |
| Bent        |                      | 888.19             | .....               | 1,421.08            | 1,625.00                                     | 1,016.91                         |
| Boulder     | \$1,363.00           | 1,113.27           | 1,455.10            | 1,666.73            | 2,119.74                                     | 1,354.68                         |
| Chaffee     |                      | 921.04             | 1,293.00            | 1,538.00            | 3,000.00                                     | 1,179.22                         |
| Cheyenne    |                      | 999.44             | .....               | 1,084.21            | 2,041.62                                     | 1,055.88                         |
| Clear Creek |                      | 979.90             | 1,122.00            | 1,297.74            | 2,096.90                                     | 1,159.89                         |
| Conejos     |                      | 655.19             | .....               | 1,012.26            | .....  | 745.88                           |
| Costilla    |                      | 612.06             | .....               | 847.50              | .....  | 629.51                           |
| Crowley     | (1)                  | (1)                | (1)                 | (1)                 | (1)  | (1)                              |
| Custer      |                      | 639.45             | .....               | 1,272.06            | 1,700.00                                     | 741.46                           |
| Delta       |                      | 1,033.37           | 1,133.33            | 1,090.35            | 1,912.92                                     | 1,122.30                         |
| Denver      | 2,485.60             | 2,368.70           | 2,504.60            | 2,652.70            | 3,800.22                                     | 2,391.40                         |
| Dolores     |                      | 665.21             | .....               | 945.00              | .....  | 686.73                           |
| Douglas     |                      | 875.41             | .....               | 1,223.57            | 2,166.70                                     | 963.90                           |
| Eagle       |                      | 984.00             | .....               | 1,502.96            | .....  | 1,107.60                         |
| Elbert      |                      | 683.28             | .....               | 1,195.89            | .....  | 781.66                           |
| El Paso     | 1,931.45             | 1,406.38           | 1,873.19            | 1,839.89            | 2,883.60                                     | 1,689.28                         |
| Fremont     |                      | 1,002.51           | 1,327.20            | 1,449.40            | 2,718.88                                     | 1,186.24                         |
| Garfield    | 1,300.00             | 852.00             | 1,003.00            | 1,153.00            | 1,660.00                                     | 987.05                           |
| Gilpin      |                      | 882.50             | .....               | 1,357.50            | .....  | 988.05                           |
| Grand       |                      | 854.18             | .....               | 1,151.87            | 1,941.53                                     | 929.61                           |
| Gunnison    |                      | 991.19             | 1,332.43            | 1,318.61            | 2,800.00                                     | 1,146.72                         |
| Hinsdale    |                      | 598.35             | .....               | 1,350.00            | .....  | 705.75                           |
| Huerfano    |                      | 882.66             | .....               | 1,304.76            | 2,418.96                                     | 992.63                           |
| Jackson     |                      | 656.18             | .....               | 1,137.50            | .....  | 829.11                           |
| Jefferson   | 1,225.00             | 944.77             | 1,221.86            | 1,332.16            | 2,033.28                                     | 1,159.59                         |
| Kiowa       |                      | 791.49             | 965.46              | 1,093.58            | .....  | 830.73                           |
| Kit Carson  |                      | 715.11             | 1,083.33            | 1,104.50            | 1,816.66                                     | 837.77                           |
| Lake        |                      | 1,045.59           | .....               | 1,414.56            | 2,841.66                                     | 1,316.77                         |
| La Plata    |                      | 888.69             | 1,345.66            | 1,411.03            | 3,500.00                                     | 1,048.86                         |
| Larimer     | 1,017.50             | 1,047.25           | 1,385.29            | 1,576.62            | 2,928.98                                     | 1,280.01                         |
| Las Animas  | 855.00               | 886.12             | 1,280.41            | 1,461.13            | 2,521.91                                     | 1,099.27                         |
| Lincoln     |                      | 827.43             | .....               | 1,270.83            | .....  | 1,049.13                         |
| Logan       |                      | 878.26             | 1,246.19            | 1,302.15            | 1,887.64                                     | 1,063.70                         |
| Mesa        |                      | 976.16             | 1,287.32            | 1,506.86            | 1,835.15                                     | 1,186.84                         |
| Mineral     |                      | 933.97             | .....               | 1,387.47            | .....  | 1,013.55                         |
| Moffat      |                      | 729.12             | 1,065.00            | 1,326.00            | 3,000.00                                     | 864.87                           |
| Montezuma   |                      | 758.82             | 832.50              | 1,136.44            | 2,400.00                                     | 848.20                           |
| Montrose    |                      | 906.19             | .....               | 1,114.75            | 1,531.42                                     | 975.18                           |
| Morgan      |                      | 997.06             | .....               | 1,348.89            | 2,270.00                                     | 1,182.75                         |
| Otero       |                      | 1,069.85           | 906.08              | 1,354.60            | 1,775.75                                     | 1,191.26                         |
| Ouray       |                      | 906.13             | .....               | 1,433.17            | .....  | 1,050.18                         |
| Park        |                      | 887.20             | .....               | 1,048.57            | .....  | 890.25                           |
| Phillips    |                      | 783.18             | .....               | 1,207.07            | .....  | 913.22                           |
| Pitkin      |                      | 803.15             | .....               | 1,391.74            | .....  | 910.17                           |
| Prowers     |                      | 938.08             | 1,176.00            | 1,308.45            | 2,181.66                                     | 1,083.04                         |
| Pueblo      | 1,558.48             | 1,330.38           | 1,457.67            | 1,673.50            | 2,586.89                                     | 1,530.08                         |
| Rio Blanco  |                      | 730.60             | .....               | 1,203.14            | 1,497.49                                     | 878.65                           |
| Rio Grande  |                      | 1,111.43           | 1,365.86            | 1,378.44            | 2,304.00                                     | 1,269.80                         |
| Routt       |                      | 879.39             | 1,155.00            | 1,367.30            | 2,250.00                                     | 1,024.14                         |
| Saguache    |                      | 851.36             | 1,200.00            | 1,380.00            | 2,110.00                                     | 1,068.31                         |
| San Juan    | (1)                  | (1)                | (1)                 | (1)                 | (1)  | (1)                              |
| San Miguel  |                      | 827.28             | .....               | 1,293.75            | .....  | 878.16                           |
| Sedgwick    |                      | 848.94             | .....               | 1,169.63            | 1,568.19                                     | 962.54                           |
| Summit      |                      | 823.33             | 900.00              | 1,050.00            | .....  | 861.25                           |
| Teller      |                      | 1,019.99           | 996.25              | 1,237.70            | 1,919.76                                     | 1,179.78                         |
| Washington  | 1,000.00             | 742.02             | .....               | 1,230.88            | 2,000.00                                     | 853.98                           |
| Weld        | 1,340.63             | 995.10             | 1,278.53            | 1,297.92            | 2,200.92                                     | 1,158.98                         |
| Yuma        |                      | 750.16             | .....               | 1,217.67            | 3,152.19                                     | 855.48                           |
| State       | \$2,029.91           | \$1,098.89         | \$1,554.00          | \$1,565.94          | \$2,791.82                                   | \$1,349.82                       |

(1) Not available.

\*Exclusive of junior college teachers as follows: Las Animas, \$1,329.52; Mesa, \$1,268.43; Pueblo, \$1,673.45

**PUBLIC SCHOOL SYSTEM: CASH ON HAND AT BEGINNING OF FISCAL YEAR, TOTAL CASH RECEIPTS, TOTAL PAYMENTS, AND BALANCES AT CLOSE OF YEAR, BY COUNTIES, FOR 1940**

(Source: Superintendent of Public Instruction)

| COUNTY      | Cash on Hand at Beginning of Year | Total Cash Receipts | Warrants Issued but Not Paid During Current Year | Total Payments  | Cash on Hand at End of Year |
|-------------|-----------------------------------|---------------------|--|-----------------|-----------------------------|
| Adams       | \$ 152,227.89                     | \$ 439,074.16       | \$ 20,018.77                                     | \$ 611,320.82   | \$ 159,381.51               |
| Alamosa     | 45,884.48                         | 212,915.80          | 42,789.64  | 301,589.92      | 50,952.62                   |
| Arapahoe    | 132,402.59                        | 515,594.41          | 27,542.99  | 675,539.99      | 130,914.53                  |
| Archuleta   | 22,748.52                         | 46,207.95           | 2,179.22   | 71,135.69       | 24,335.29                   |
| Baca        | 57,998.46                         | 202,047.42          | 46,246.15  | 306,292.03      | 78,392.13                   |
| Bent        | 23,806.48                         | 154,451.17          | 7,685.32   | 185,942.97      | 21,318.79                   |
| Boulder     | 211,885.67                        | 741,030.59          | 58,289.11  | 1,011,205.37    | 203,494.31                  |
| Chaffee     | 54,170.65                         | 138,291.71          | 477.66   | 192,940.02      | 64,707.27                   |
| Cheyenne    | 67,028.19                         | 123,859.89          | 3,662.07   | 194,550.15      | 67,017.72                   |
| Clear Creek | 12,412.97                         | 65,509.60           | 6,955.84   | 84,878.41       | 13,312.06                   |
| Conejos     | 46,616.07                         | 160,848.04          | 57,429.58  | 264,893.69      | 45,177.75                   |
| Costilla    | 25,198.87                         | 78,653.76           | 48,892.44  | 152,745.07      | 26,462.93                   |
| Crowley     | (1)                               | (1)                 | (1)  | (1)             | (1)                         |
| Custer      | 12,996.29                         | 32,191.12           | 7,199.99   | 52,387.40       | 11,446.02                   |
| Delta       | 56,989.24                         | 292,466.28          | 30,704.39  | 380,159.91      | 54,747.21                   |
| Denver      | 292,105.78                        | 6,549,272.93        | .....  | 6,841,378.71    | 475,938.95                  |
| Dolores     | 10,045.75                         | 33,708.35           | 956.85   | 44,710.95       | 13,099.26                   |
| Douglas     | 43,476.48                         | 108,038.32          | 3,658.71   | 155,173.51      | 46,677.16                   |
| Eagle       | 46,006.49                         | 154,730.00          | 1,500.31   | 202,236.80      | 72,655.41                   |
| Elbert      | 66,577.78                         | 124,955.03          | 22,287.38  | 213,820.19      | 58,229.58                   |
| El Paso     | 233,409.21                        | 1,611,936.13        | 56,541.43  | 1,901,886.77    | 288,171.49                  |
| Fremont     | 81,539.19                         | 351,540.29          | 61,785.84  | 494,855.32      | 80,271.25                   |
| Garfield    | 134,068.69                        | 247,941.42          | 6,116.40   | 388,126.51      | 150,386.96                  |
| Gilpin      | 8,441.16                          | 61,389.95           | 15,499.76  | 85,330.87       | 16,597.96                   |
| Grand       | 14,364.45                         | 78,590.99           | 1,329.51   | 94,284.95       | 13,351.89                   |
| Gunnison    | 53,732.70                         | 169,937.76          | 25,638.82  | 249,309.28      | 52,116.54                   |
| Hinsdale    | 3,673.78                          | 7,696.88            | 3,887.79   | 15,258.45       | 3,779.84                    |
| Huerfano    | 63,606.45                         | 252,394.73          | 112,217.95                                       | 428,219.13      | 87,120.63                   |
| Jackson     | 4,809.42                          | 38,574.86           | 1,472.41   | 44,856.69       | 9,516.28                    |
| Jefferson   | 152,999.66                        | 530,341.57          | 71,249.70  | 754,590.93      | 148,198.10                  |
| Kiowa       | 6,144.18                          | 120,860.38          | 4,311.79   | 131,316.35      | 29,109.02                   |
| Kit Carson  | 109,761.70                        | 229,673.86          | 21,928.68  | 361,364.24      | 112,316.38                  |
| Lake        | 15,676.06                         | 96,431.17           | 239.04   | 112,346.27      | 15,315.48                   |
| La Plata    | 71,299.88                         | 294,324.56          | 1,861.05   | 367,485.49      | 95,295.84                   |
| Larimer     | 227,350.34                        | 754,475.39          | 38,994.59  | 1,020,820.32    | 192,010.23                  |
| Las Animas  | 133,965.36                        | 698,805.79          | 41,575.45  | 874,346.60      | 166,244.51                  |
| Lincoln     | 76,312.33                         | 171,492.15          | 9,539.47   | 257,343.95      | 72,157.34                   |
| Logan       | 171,666.74                        | 441,093.84          | 17,637.08  | 630,397.66      | 163,990.57                  |
| Mesa        | 91,218.53                         | 679,684.11          | 80,584.72  | 851,487.36      | 73,089.27                   |
| Mineral     | 9,158.50                          | 15,514.83           | .....  | 24,673.33       | 12,546.77                   |
| Moffat      | 53,329.58                         | 128,324.86          | 8,699.85   | 190,354.29      | 54,215.04                   |
| Montezuma   | 24,576.12                         | 157,256.69          | 35,059.78  | 216,892.59      | 38,796.11                   |
| Montrose    | 152,538.87                        | 238,187.88          | 2,628.34   | 393,355.09      | 68,574.61                   |
| Morgan      | 86,055.10                         | 395,014.97          | 7,870.17   | 488,940.24      | 87,363.58                   |
| Otero       | 78,819.92                         | 469,541.41          | 41,478.28  | 589,839.61      | 103,485.65                  |
| Ouray       | 12,274.72                         | 49,099.97           | 1,088.28   | 62,462.97       | 15,704.65                   |
| Park        | 28,815.89                         | 66,345.92           | 2,122.95   | 97,284.76       | 28,540.52                   |
| Phillips    | 31,655.97                         | 123,429.41          | 10,777.19  | 165,862.57      | 26,520.83                   |
| Pitkin      | 10,943.69                         | 24,391.92           | 3,260.38   | 38,595.99       | 7,274.67                    |
| Prowers     | 46,788.22                         | 280,040.04          | 54,876.56  | 381,704.82      | 37,999.27                   |
| Pueblo      | 366,795.06                        | 1,328,061.21        | 38,128.97  | 1,732,985.24    | 257,951.06                  |
| Rio Blanco  | 24,969.03                         | 70,821.55           | 3,542.63   | 99,333.21       | 23,742.98                   |
| Rio Grande  | 104,126.19                        | 276,634.80          | 12,709.02  | 393,470.01      | 102,927.25                  |
| Routt       | 104,397.44                        | 223,650.51          | 4,985.84   | 333,033.79      | 98,265.90                   |
| Saguache    | (1)                               | (1)                 | (1)  | (1)             | (1)                         |
| San Juan    | (2)                               | (2)                 | (2)  | (2)             | (2)                         |
| San Miguel  | 17,760.83                         | 64,273.45           | 21,917.50  | 103,951.78      | 26,202.05                   |
| Sedgwick    | 66,052.72                         | 160,291.86          | 3,063.65   | 229,408.23      | 73,871.27                   |
| Summit      | 18,245.03                         | 24,846.99           | .....  | 43,092.02       | 15,762.19                   |
| Teller      | 29,717.50                         | 78,885.39           | 4,203.24   | 112,806.13      | 25,250.20                   |
| Washington  | 126,794.23                        | 217,061.49          | 21,745.66  | 365,601.38      | 115,410.57                  |
| Weld        | 559,610.28                        | 1,512,453.30        | 53,976.21  | 2,126,039.79    | 575,191.63                  |
| Yuma        | 93,037.52                         | 252,007.97          | 133.50   | 345,178.99      | 81,604.15                   |
| State       | \$5,081,080.89                    | \$23,167,168.78     | \$1,293,155.90                                   | \$29,541,405.57 | \$5,264,505.03              |

(1) Financial figures are incomplete.

(2) No report available.

**PUBLIC SCHOOL SYSTEM: VALUE OF PUBLIC SCHOOL PROPERTY, 1940, BY COUNTIES**

(Source: Superintendent of Public Instruction)

| COUNTY      | School Buildings and Sites | Equipment (Exclusive of Transportation) | Transportation Equipment | Total Value of School Property |
|-------------|----------------------------|---|--------------------------|--------------------------------|
| Adams       | \$ 919,970                 | \$ 98,330                               | \$ 8,200                 | \$ 1,026,500                   |
| Alamosa     | 527,980                    | 60,835                                  | 10,700                   | 599,515                        |
| Arapahoe    | 1,142,599                  | 127,829                                 | .....                    | 1,270,428                      |
| Archuleta   | 139,971                    | 25,405                                  | .....                    | 165,376                        |
| Baca        | 340,830                    | 38,325                                  | 9,400                    | 388,555                        |
| Bent        | 446,299                    | 52,095                                  | 2,400                    | 500,794                        |
| Boulder     | 1,883,886                  | 203,603                                 | 3,600                    | 2,091,089                      |
| Chaffee     | 317,590                    | 40,850                                  | 400                      | 358,840                        |
| Cheyenne    | 280,300                    | 51,700                                  | 8,280                    | 340,280                        |
| Clear Creek | 357,885                    | 28,950                                  | .....                    | 386,835                        |
| Conejos     | 455,400                    | 51,350                                  | 6,400                    | 513,150                        |
| Costilla    | 164,400                    | 17,850                                  | 2,500                    | 184,750                        |
| Crowley     | 346,000                    | 37,800                                  | 12,800                   | 396,600                        |
| Custer      | 68,330                     | 10,560                                  | 1,300                    | 80,190                         |
| Delta       | 617,434                    | 70,345                                  | 11,900                   | 699,679                        |
| Denver      | 20,312,615                 | 2,157,825                               | 16,054                   | 22,486,494                     |
| Dolores     | 26,400                     | 3,250                                   | .....                    | 29,650                         |
| Douglas     | 223,080                    | 29,745                                  | 7,625                    | 260,450                        |
| Eagle       | 261,503                    | 44,750                                  | 2,175                    | 308,428                        |
| Elbert      | 316,120                    | 37,325                                  | 6,200                    | 359,645                        |
| El Paso     | 3,475,759                  | 302,520                                 | 24,729                   | 3,803,008                      |
| Fremont     | 871,905                    | 81,127                                  | 11,650                   | 964,682                        |
| Garfield    | 720,122                    | 90,531                                  | 1,500                    | 812,153                        |
| Gilpin      | 100,765                    | 11,200                                  | 2,125                    | 114,090                        |
| Grand       | 121,660                    | 15,390                                  | .....                    | 137,050                        |
| Gunnison    | 478,175                    | 44,775                                  | 1,900                    | 524,850                        |
| Hinsdale    | 8,100                      | 1,150                                   | .....                    | 9,250                          |
| Huerfano    | 610,920                    | 81,320                                  | 8,157                    | 700,397                        |
| Jackson     | 49,200                     | 9,900                                   | .....                    | 59,100                         |
| Jefferson   | 1,597,005                  | 163,729                                 | 1,500                    | 1,762,234                      |
| Kiowa       | 250,970                    | 45,190                                  | 2,048                    | 298,208                        |
| Kit Carson  | 455,764                    | 82,000                                  | 15,100                   | 552,864                        |
| Lake        | 121,638                    | 30,108                                  | .....                    | 151,746                        |
| La Plata    | 638,990                    | 83,435                                  | 7,700                    | 730,125                        |
| Larimer     | 1,958,725                  | 133,616                                 | 12,510                   | 2,104,851                      |
| Las Animas  | 1,048,645                  | 156,240                                 | 11,400                   | 1,216,285                      |
| Lincoln     | 312,725                    | 57,315                                  | 6,300                    | 376,340                        |
| Logan       | 796,887                    | 126,174                                 | 31,350                   | 954,411                        |
| Mesa        | 1,596,837                  | 167,244                                 | 20,644                   | 1,784,725                      |
| Mineral     | 8,300                      | 2,300                                   | .....                    | 10,600                         |
| Moffat      | 282,250                    | 30,875                                  | .....                    | 313,125                        |
| Montezuma   | 224,650                    | 39,650                                  | .....                    | 264,300                        |
| Montrose    | 770,750                    | 82,900                                  | 7,800                    | 861,450                        |
| Morgan      | 878,640                    | 107,996                                 | 31,773                   | 1,018,409                      |
| Otero       | 1,683,136                  | 131,004                                 | 28,323                   | 1,842,463                      |
| Ouray       | 133,323                    | 16,929                                  | 2,916                    | 153,168                        |
| Park        | 81,875                     | 13,150                                  | .....                    | 95,025                         |
| Phillips    | 211,750                    | 13,200                                  | 2,250                    | 227,200                        |
| Pitkin      | 33,700                     | 11,110                                  | .....                    | 44,810                         |
| Prowers     | 671,614                    | 67,213                                  | 18,800                   | 757,627                        |
| Pueblo      | 4,226,662                  | 483,795                                 | 19,313                   | 4,729,770                      |
| Rio Blanco  | 170,350                    | 24,100                                  | .....                    | 194,450                        |
| Rio Grande  | 700,674                    | 49,013                                  | 32,066                   | 781,753                        |
| Routt       | 441,180                    | 48,400                                  | 5,100                    | 494,680                        |
| Saguache    | 363,400                    | 57,365                                  | 19,500                   | 440,265                        |
| San Juan    | (1)                        | (1)                                     | (1)                      | (1)                            |
| San Miguel  | 81,200                     | 13,300                                  | 3,200                    | 97,700                         |
| Sedgwick    | 398,100                    | 44,850                                  | 5,050                    | 448,000                        |
| Summit      | 68,035                     | 12,259                                  | 1,500                    | 81,794                         |
| Teller      | 186,250                    | 14,950                                  | 2,000                    | 203,200                        |
| Washington  | 456,706                    | 60,490                                  | 5,500                    | 522,696                        |
| Weld        | 3,489,525                  | 262,096                                 | 100,353                  | 3,851,974                      |
| Yuma        | 415,150                    | 48,805                                  | 10,000                   | 473,955                        |
| State       | \$60,340,604               | \$ 6,507,436                            | \$ 563,991               | \$67,412,031                   |

<sup>1</sup>No report available.

### UNIVERSITIES, COLLEGES AND PROFESSIONAL SCHOOLS

The principal universities, colleges and professional schools of the state devoted to higher education, their location, and the year of opening are as follows:

| Name                          | Location       | Year of Opening |
|-------------------------------|----------------|-----------------|
| University of Colorado        | Boulder        | 1877            |
| State college                 | Fort Collins   | 1879            |
| School of Mines               | Golden         | 1874            |
| Western State college         | Gunnison       | 1909            |
| Adams State Teachers          | Alamosa        | 1925            |
| College of Education          | Greeley        | 1890            |
| Fort Lewis School             | Hesperus       | 1911            |
| Mesa Junior college           | Grand Junc.    | 1925            |
| Trinidad State Junior college | Trinidad       | 1925            |
| Pueblo Junior college         | Pueblo         | 1938            |
| Colorado college              | Colorado Spgs. | 1874            |
| Regis college                 | Denver         | 1888            |
| Colorado Woman's college      | Denver         | 1909            |
| University of Denver          | Denver         | 1864            |
| Loretto Heights college       | Loretto        | 1918            |
| Iliff School of Theology      | Denver         | 1892            |
| Westminster Law School        | Denver         | 1912            |

The first ten named above are publicly controlled and the first seven are largely supported by legislative appropriations and state tax levies. The State College of Agricultural and Mechanic Arts and State university derive some revenue from the sale and administration of school land grants made by the federal government for their benefit. The junior colleges share in the revenue from the permanent school fund which is administered through the state land board in the same manner as the public school land fund.

Seventeen of the above institutions reporting to the federal office of education owned property valued at \$30,820,710, of which \$24,012,100 was the value of grounds, buildings, equipment and other physical property and \$6,808,610 represented endowment, annuity and other non-expendable funds, as of June 30, 1938. Of the total value, \$18,706,685 was for those publicly-controlled and \$12,114,025 for those privately-controlled.

Receipts of the 17 specified institutions for the year ending June 30, 1938, were \$5,523,120, exclusive of receipts from auxiliary enterprises and activities and increases of permanent funds.

Of that total, \$1,969,238 or 35.6 per cent came from student fees.

Three tables published herewith give receipts, by sources, and by institutions, for 1937-38 school year, with totals for 1935-36 and 1933-34 for comparative purposes; expenditures by activities and by institutions; and the value of property for the same period.

A comparison of enrollment statistics on a population basis for Colorado and other states shows that in 1937-38 this state ranked fifth among the states of the Union. The enrollment in Colorado institutions of higher learning in that school year was 144 per 10,000 population. That ratio was exceeded only by California, the District of Columbia, New York and Washington, and compares with 104 per 10,000 population for all states combined. This high rate does not necessarily mean that a larger number of Colorado youths 18 to 21 years old were enrolled than in most of the states of the Union, but rather points to the conclusion that there is a considerable non-resident enrollment.

The receipts of Colorado institutions from the state in 1937-38 were \$2.26 per capita. This compares with \$1.93 for the nation at large and only seven states reported a per capita higher income from that source than Colorado. The explanation of this high cost, however, lies in the fact that appropriations for educational and capital outlay purposes were combined, while many of the states made appropriations for the two items separately.

Colorado institutions occupied a less favorable position in income from private gifts and grants, this state ranking 28th with a per capita income of 36 cents from these sources as against 68 cents for the nation as a whole.

Educational and general expenditures for both publicly and privately controlled institutions in Colorado in 1937-38 were \$5.13 per capita, which compares with \$3.68 for all states and the District of Columbia combined. Colorado ranked fifth in this category. The per capita expenditures for publicly controlled institutions in Colorado in the same year were \$4.05, compared with \$1.85 for all states combined, Colorado ranking fourth.

The number of students enrolled in the universities and colleges and professional schools included in this survey for the regular school year of 1940-1941, by institution and by sex, is as follows:

| Institution                    | Male         | Female       | Total         |
|--------------------------------|--------------|--------------|---------------|
| Univ. of Colorado...           | 3,053        | 1,506        | 4,559         |
| State College.....             | 1,448        | 609          | 2,057         |
| School of Mines....            | 769          | ...          | 769           |
| Western State Coll..           | 265          | 230          | 495           |
| Adams State Normal             | 154          | 215          | 369           |
| College of Education           | 649          | 934          | 1,583         |
| Fort Lewis.....                | 77           | 52           | 129           |
| Colorado College....           | 474          | 359          | 833           |
| Regis College.....             | 235          | ...          | 235           |
| Colorado Woman's College ..... | ...          | 356          | 356           |
| University of Denver .....     | 2,118        | 1,891        | 4,009         |
| Loretto Heights College .....  | ...          | 210          | 210           |
| Iliff School of Theology ..... | 118          | 7            | 125           |
| Westminster Law School .....   | 55           | 5            | 60            |
| <b>Total .....</b>             | <b>9,415</b> | <b>6,374</b> | <b>15,789</b> |

The number of teachers employed in the universities and colleges and professional schools included in this survey for the regular school year of 1938-1939, by institution and by sex, is as follows:

| Institution                    | Male       | Female     | Total        |
|--------------------------------|------------|------------|--------------|
| Univ. of Colorado...           | 245        | 67         | 312          |
| State College.....             | 123        | 32         | 155          |
| School of Mines....            | 72         | ...        | 72           |
| Western State Coll..           | 21         | 14         | 35           |
| Adams State Normal             | 18         | 11         | 29           |
| College of Education           | 64         | 43         | 107          |
| Fort Lewis.....                | 7          | 5          | 12           |
| Colorado College....           | 46         | 10         | 56           |
| Regis College.....             | 26         | ...        | 26           |
| Colorado Woman's College ..... | 12         | 30         | 42           |
| University of Denver .....     | 241        | 112        | 353          |
| Loretto Heights College .....  | ...        | 29         | 29           |
| Iliff School of Theology ..... | 8          | ...        | 8            |
| Westminster Law School .....   | 9          | ...        | 9            |
| <b>Total .....</b>             | <b>892</b> | <b>353</b> | <b>1,245</b> |

Disbursements of publicly-controlled universities and colleges as reported by the state auditor by years and value of their property will be found in tables accompanying the chapter on "State Institutions."

**DEGREES AWARDED BY COLORADO INSTITUTIONS**

Seventeen Colorado institutions of higher learning awarded 2 369 degrees, earned and honorary, in 1937-1938, as reported by the United States Office of Education in its survey for the period named. Of that total 13 were honorary degrees and 1,397 were earned by men and 959 by women. The men were awarded 59.5 per cent and the women 40.5 per cent of all earned degrees. The men were in the majority in both publicly and privately controlled insti-

tutions. Eight of the honorary degrees were awarded by the former and five by the latter.

Of the total degrees awarded, the publicly controlled institutions, of which 10 are included in the survey, accounted for 1,780 or 75.1 per cent, and privately controlled, of which there are seven, 589 or 24.9 per cent.

The degrees awarded in 1937-1938, by classes and sex and by type of control, are as follows:

| Publicly Controlled                            |              |            |              |
|--|--------------|------------|--------------|
| Class  | Men          | Women      | Total        |
| Baccalaureate and first professional.          | 809          | 559        | 1,368        |
| Master's, including advanced engineering ..... | 261          | 125        | 386          |
| Doctor's .....                                 | 16           | 2          | 18           |
| Honorary .....                                 | (1)          | (1)        | 8            |
| <b>Total .....</b>                             | <b>1,086</b> | <b>686</b> | <b>1,780</b> |

| Privately Controlled                           |            |            |            |
|--|------------|------------|------------|
| Baccalaureate and first professional.          | 264        | 241        | 505        |
| Master's, including advanced engineering ..... | 47         | 32         | 79         |
| Honorary .....                                 | (1)        | (1)        | 5          |
| <b>Total .....</b>                             | <b>311</b> | <b>273</b> | <b>589</b> |

| All Combined                                   |              |            |              |
|--|--------------|------------|--------------|
| Baccalaureate and first professional.          | 1,073        | 800        | 1,873        |
| Master's, including advanced engineering ..... | 308          | 157        | 465          |
| Doctor's .....                                 | 16           | 2          | 8            |
| Honorary .....                                 | (1)          | (1)        | 13           |
| <b>Grand total.....</b>                        | <b>1,397</b> | <b>959</b> | <b>2,369</b> |

(1) Not segregated by sex, but included in total.

Degrees awarded in 1937-1938 by professional schools numbered 1,393, of which 592 or 42.5 per cent were educational. These were distributed by professions as follows:

| Profession                 | Number       |
|----------------------------|--------------|
| Agriculture .....          | 88           |
| Commerce and business..... | 177          |
| Education .....            | 592          |
| Engineering .....          | 175          |
| Home economics.....        | 47           |
| Law .....                  | 59           |
| Medicine .....             | 55           |
| Pharmacy .....             | 11           |
| Theology .....             | 12           |
| Other .....                | 177          |
| <b>Total .....</b>         | <b>1,393</b> |

There were 8,066 students in the professional schools, and of that number 1,934 or 24 per cent were education, 1,534 or 19 per cent were commerce and business and 1,512 were engineering.

**EDUCATIONAL: RECEIPTS, BY SOURCES, OF COLORADO INSTITUTIONS OF HIGHER EDUCATION, INCLUDING UNIVERSITIES, COLLEGES AND PROFESSIONAL SCHOOLS, SCHOOL YEAR 1937-1938, WITH TOTALS FOR 1935-1936 AND 1933-1934.**

(Source: Office of Education)

Note—Some of this material is a partial duplication of figures given elsewhere in this volume, particularly of state educational institutions; but is published in this form for the purpose of giving a summary of all activities of all institutions in the state devoted to higher education. Denver College of Music is not included in the 1933-1934 and 1937-1938 totals. One privately controlled junior college included in 1933-1934 is omitted in 1935-1936. Pueblo Junior College is included in 1937-1938 for the first time.

| INSTITUTIONS                     | Receipts for Educational and General and for Plant Extension Purposes |                        |                     |                            |                          |   |                             |              | Receipts for In-crease of Per-manent Funds |
|----------------------------------|---|------------------------|---------------------|----------------------------|--------------------------|---|-----------------------------|--------------|--|
|                                  | Student Fees  | Income from Endow-ment | Federal Govern-ment | State or Local Govern-ment | Private Gifts and Grants | Sales and Service of Edu-cational Depart-ment | Receipts from Other Sources | Total        |  |
| <b>UNIVERSITIES AND COLLEGES</b> |   |                        |                     |                            |                          |   |                             |              |  |
| Publicly controlled:             |   |                        |                     |                            |                          |   |                             |              |  |
| School of Mines                  | \$ 107,155  | .....                  | .....               | \$ 203,966                 | .....                    | .....   | \$ 18,103                   | \$ 329,224   | .....                                      |
| State College                    | 212,671   | \$ 21,224              | \$ 405,405          | 433,097                    | \$ 2,050                 | \$ 87,590                                     | 2,234                       | 1,164,271    | \$ 87,357                                  |
| University of Colorado           | 535,600   | .....                  | .....               | 911,551                    | 29,545                   | 447,537                                       | .....                       | 1,924,233    | 379,380                                    |
| Total, 1937-38                   | \$ 855,426  | \$ 21,224              | \$ 405,405          | \$ 1,548,614               | \$ 31,595                | \$ 535,127                                    | \$ 20,337                   | \$ 3,417,728 | \$ 466,737                                 |
| Total, 1935-36                   | 757,435   | 22,982                 | 346,436             | 1,584,349                  | 7,017                    | 144,776                                       | 60,779                      | 2,923,774    | 620,875                                    |
| Total, 1933-34                   | 524,054   | 23,439                 | 244,162             | 1,434,698                  | 2,000                    | 226,808                                       | 54,775                      | 2,509,936    | 155,133                                    |
| Privately controlled:            |   |                        |                     |                            |                          |   |                             |              |  |
| Colorado College                 | \$ 128,874  | \$ 95,238              | .....               | .....                      | \$ 29,867                | .....   | \$ 7,230                    | \$ 261,209   | \$ 7,449                                   |
| Hill School of Theology          | 1,144   | 12,963                 | \$ 405              | .....                      | 16,223                   | .....   | .....                       | 30,735       | .....                                      |
| Loretto Heights College          | 17,564  | .....                  | .....               | .....                      | 46,300                   | .....   | .....                       | 63,864       | 24,548                                     |
| Regis College                    | 48,292  | 2,116                  | .....               | .....                      | 88,347                   | .....   | 21,380                      | 160,135      | 56,401                                     |
| University of Denver             | 546,033   | 66,383                 | .....               | .....                      | 27,712                   | \$ 3,248                                      | 2,901                       | 646,277      | 151,366                                    |
| Westminster Law School           | 11,220  | .....                  | .....               | .....                      | .....                    | .....   | .....                       | 11,220       | .....                                      |
| Total, 1937-38                   | \$ 753,127  | \$ 176,700             | \$ 405              | .....                      | \$ 208,449               | \$ 3,248                                      | \$ 31,511                   | \$ 1,173,440 | \$ 239,764                                 |
| Total, 1935-36                   | 579,167   | 130,896                | .....               | .....                      | 173,618                  | .....   | 46,229                      | 929,910      | 186,652                                    |
| Total, 1933-34                   | 532,099   | 125,186                | 6,733               | .....                      | 268,409                  | 11,233  | 27,640                      | 972,300      | 181,891                                    |

TEACHERS COLLEGES

Publicly controlled:

|                       |            |       |            |       |       |            |            |
|-----------------------|------------|-------|------------|-------|-------|------------|------------|
| Adams State Normal    | \$ 18,030  | ..... | \$ 53,257  | ..... | ..... | \$ 71,287  | \$ 25,982  |
| College of Education  | 232,445    | ..... | 27,410     | ..... | ..... | 509,855    | 154,292    |
| Western State College | 31,091     | ..... | 107,000    | ..... | ..... | 138,091    | 42,154     |
| Total, 1937-38        | \$ 281,566 | ..... | \$ 437,667 | ..... | ..... | \$ 719,233 | \$ 222,428 |
| Total, 1935-36        | 225,648    | ..... | 481,571    | ..... | \$ 10 | 863,554    | 120,882    |
| Total, 1933-34        | 162,095    | ..... | 452,970    | ..... | ..... | 615,065    | 101,490    |

JUNIOR COLLEGES

Publicly controlled:

|                   |           |        |           |           |          |          |            |           |           |
|-------------------|-----------|--------|-----------|-----------|----------|----------|------------|-----------|-----------|
| Fort Lewis School | \$ 4,289  | \$ 375 | .....     | \$ 50,912 | \$ 250   | \$ 7,577 | \$ 785     | \$ 64,188 | \$ 21,121 |
| Grand Junction    | 10,077    | .....  | 14,391    | .....     | 2,740    | 1,405    | .....      | 28,613    | 6,504     |
| Pueblo            | 9,227     | .....  | 21,848    | .....     | 2,610    | .....    | .....      | 33,685    | .....     |
| Trinidad          | 13,502    | .....  | .....     | .....     | .....    | .....    | .....      | 13,502    | .....     |
| Total, 1937-38    | \$ 37,095 | \$ 375 | \$ 87,151 | \$ 5,600  | \$ 8,982 | \$ 785   | \$ 139,988 | \$ 27,625 | .....     |
| Total, 1935-36    | 27,887    | .....  | 58,020    | .....     | 6,098    | 500      | 92,505     | 29,571    | \$ 87,276 |
| Total, 1933-34    | 17,643    | 512    | 58,645    | .....     | 3,505    | 3,347    | 83,652     | 12,339    | .....     |

Privately controlled:

|                          |              |            |            |              |            |           |              |              |              |
|--------------------------|--------------|------------|------------|--------------|------------|-----------|--------------|--------------|--------------|
| Colorado Woman's College | \$ 42,024    | \$ 396     | .....      | \$ 30,212    | .....      | .....     | \$ 99        | \$ 72,731    | \$ 118,157   |
| Total, 1937-38           | \$ 42,024    | \$ 396     | .....      | \$ 30,212    | .....      | .....     | \$ 99        | \$ 72,731    | \$ 118,157   |
| Total, 1935-36           | 45,359       | 545        | .....      | 37,666       | .....      | .....     | 3,870        | 87,440       | 67,949       |
| Total, 1933-34           | 54,150       | 775        | .....      | 3,493        | .....      | .....     | 2,307        | 60,725       | 61,470       |
| Grand total, 1937-38     | \$ 1,969,238 | \$ 198,695 | \$ 405,810 | \$ 2,073,432 | \$ 547,357 | \$ 52,732 | \$ 5,523,120 | \$ 1,074,711 | \$ 1,222,398 |
| Grand total, 1935-36     | 1,635,496    | 154,423    | 502,761    | 2,123,940    | 150,874    | 111,388   | 4,897,183    | 1,025,929    | \$ 803,765   |
| Grand total, 1933-34     | 1,290,041    | 150,912    | 250,895    | 1,946,313    | 241,546    | 88,069    | 4,241,678    | 512,323      | 37,435       |

**EDUCATIONAL: EXPENDITURES OF COLORADO INSTITUTIONS OF HIGHER EDUCATION, INCLUDING UNIVERSITIES, COLLEGES AND PROFESSIONAL SCHOOLS, SCHOOL YEAR 1937-1938, WITH TOTALS FOR 1935-36 AND 1933-1934**  
(Source: Office of Education)

Note.—Some of this material is a partial duplication of figures given elsewhere in this volume, particularly of state educational institutions, but is published in this form for the purpose of giving a summary of all activities of all institutions in the state devoted to higher education. Denver College of Music is not included in the 1933-1934 and 1937-1938 totals. One privately controlled junior college included in 1933-1934 is omitted in 1935-1936 and 1937-1938. Pueblo Junior College is included in 1937-1938 for the first time.

| INSTITUTIONS                     | Educational and General                          |  |                       |   |           |           |  |   |   |  | Capital Outlay              |                |           |
|----------------------------------|--|--|-----------------------|---|-----------|-----------|--|---|---|--|-----------------------------|----------------|-----------|
|                                  | Admin-<br>istration<br>and<br>General<br>Control | Resident-Instruc-<br>tion and Non-<br>Budgeted |                       | Organized<br>Research<br>Separately<br>Budgeted | Extension | Libraries | Physical<br>Plant<br>Operation<br>and Main-<br>tenance | Total<br>(Including<br>Unitom-<br>pendi-<br>tures | Auxiliary<br>Enter-<br>prises<br>and<br>Activities<br>(Gross) | Other<br>Non-edu-<br>cational<br>Expendi-<br>tures | Buildings<br>and<br>Grounds | Equip-<br>ment | Total     |
|                                  |  | Colleges,<br>Schools,<br>and De-<br>partments  | Related<br>Activities |   |           |           |  |   |   |  |                             |                |           |
| <b>UNIVERSITIES AND COLLEGES</b> |  |  |                       |   |           |           |  |   |   |  |                             |                |           |
| <b>Publicly controlled:</b>      |  |  |                       |   |           |           |  |   |   |  |                             |                |           |
| School of Mines                  | \$ 25,232  | \$ 163,283                                     | ---                   | \$ 15,057                                       | ---       | \$ 6,108  | \$104,023  | \$ 313,703  | ---   | ---  | \$110,155                   | \$15,457       | \$125,612 |
| State College                    | 59,918   | 439,235  | ---                   | 238,855   | \$283,200 | 21,812    | 82,203   | 1,125,223   | \$ 84,136   | ---  | 17,155                      | ---            | 17,155    |
| University of Colorado           | 104,686  | 1,037,701                                      | \$639,891             | ---   | 60,342    | 50,689    | 145,066  | 2,038,378   | 334,261   | 21,989   | 669,477                     | ---            | 669,477   |
| Total, 1937-38                   | \$189,836  | \$1,640,222                                    | \$639,891             | \$253,912                                       | \$343,542 | \$ 78,609 | \$331,292  | \$3,477,304                                       | \$ 418,397  | \$ 36,578  | \$796,787                   | \$15,457       | \$812,244 |
| Total, 1935-36                   | 202,816  | 1,429,481                                      | 42,794                | 249,908   | 324,672   | 72,595    | 320,884  | 2,643,150   | 798,184   | 39,046   | 107,515                     | 13,246         | 120,761   |
| Total, 1933-34                   | 212,866  | 1,172,588                                      | 353,524               | 215,690   | 229,157   | 92,836    | 264,679  | 2,541,340   | 156,380   | 26,766   | 2,276                       | 18,916         | 21,192    |
| <b>Privately controlled:</b>     |  |  |                       |   |           |           |  |   |   |  |                             |                |           |
| Colorado College                 | \$ 75,504  | \$ 139,436                                     | ---                   | ---   | ---       | \$ 16,104 | \$ 47,219  | \$ 278,263  | \$ 28,137   | \$ 5,000   | ---                         | ---            | \$ 25,083 |
| Hihf School of Theology          | 5,345  | 12,170   | ---                   | ---   | ---       | 1,279     | 5,286  | 24,080  | ---   | 1,920  | ---                         | ---            | ---       |
| Loretta Heights College          | 11,039   | 37,728   | ---                   | ---   | ---       | 4,559     | 14,953   | 68,279  | 12,812  | ---  | ---                         | ---            | ---       |
| Regis College                    | 23,442   | 65,366   | ---                   | ---   | ---       | 4,033     | 32,142   | 124,983   | 72,986  | 17,293   | 7,000                       | 500            | 7,500     |
| University of Denver             | 60,928   | 385,892  | \$ 5,465              | \$ 8,460  | \$ 3,440  | 38,032    | 60,563   | 562,830   | 139,792   | 77,136   | ---                         | ---            | 8,086     |
| Westminster Law School           | 4,373  | 6,045  | ---                   | ---   | ---       | 1,227     | ---  | 11,645  | ---   | ---  | ---                         | ---            | ---       |
| Total, 1937-38                   | \$180,631  | \$ 646,637                                     | \$ 5,465              | \$ 8,460  | \$ 3,440  | \$ 65,284 | \$160,163  | \$1,070,080                                       | \$ 253,727  | \$101,349  | \$ 32,083                   | \$ 8,886       | \$ 40,669 |
| Total, 1935-36                   | 150,355  | 531,350  | 3,600                 | 7,184   | 3,833     | 60,548    | 119,797  | 876,667   | 198,864   | 39,457   | 29,427                      | 5,849          | 34,776    |
| Total, 1933-34                   | 135,665  | 565,046  | 11,233                | 9,920   | 5,187     | 50,254    | 126,304  | 903,609   | 175,898   | 100,639  | 16,358                      | 7,321          | 23,679    |



**EDUCATIONAL: VALUE OF PROPERTY OF COLORADO INSTITUTIONS OF HIGHER EDUCATION, INCLUDING UNIVERSITIES, COLLEGES AND PROFESSIONAL SCHOOLS, SCHOOL YEAR 1937-1938, WITH TOTALS FOR 1933-1934 AND 1935-36.**

(Source: Office of Education)

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|  | Value of Physical Property |              |             |                        | Endowment and Other Non-expendable Funds |             |               |            | Total Value of Property |              |
|--|----------------------------|--------------|-------------|------------------------|--|-------------|---------------|------------|-------------------------|--------------|
|  | Buildings                  |              | Equipment   | Unexpended Plant Funds | Total                                    | Endowment   | Annuity Funds | Loan Funds |                         | Total        |
|  | Grounds                    |              |             |                        |  |             |               |            |                         |              |
| <b>INSTITUTIONS</b>                    |                            |              |             |                        |  |             |               |            |                         |              |
| <b>UNIVERSITIES AND COLLEGES:</b>      |                            |              |             |                        |  |             |               |            |                         |              |
| Publicly controlled:                   |                            |              |             |                        |  |             |               |            |                         |              |
| School of Mines                        | \$ 171,670                 | \$ 637,398   | \$ 598,898  | \$103,737              | \$ 1,511,703                             |             |               | \$ 11,519  | \$ 11,519               | \$ 1,523,222 |
| State College                          | 350,000                    | 3,530,000    | 597,000     | 29,090                 | 4,506,090                                | \$ 489,185  | \$ 35,000     | 2,754      | 526,939                 | 5,033,029    |
| University of Colorado                 | 471,500                    | 4,548,212    | 1,649,480   | 31,735                 | 6,700,927                                | 359,570     | 65,723        | 57,344     | 482,637                 | 7,183,564    |
| Total, 1937-38                         | \$ 993,170                 | \$ 8,715,610 | \$2,845,378 | \$164,562              | \$12,718,720                             | \$ 848,755  | \$100,723     | \$ 71,617  | \$1,021,095             | \$13,739,815 |
| Total, 1935-36                         | 1,047,854                  | 10,055,599   | 2,954,217   |                        | 14,057,670                               | 483,310     | 35,000        | 91,075     | 609,385                 | 14,667,055   |
| Total, 1933-34                         | 1,008,905                  | 9,534,048    | 2,680,279   |                        | 13,223,232                               | 773,735     |               | 87,397     | 861,132                 | 14,084,364   |
| Privately controlled:                  |                            |              |             |                        |  |             |               |            |                         |              |
| Colorado College                       | \$ 410,382                 | \$1,310,018  | \$ 317,083  |                        | \$ 2,037,483                             | \$2,669,277 |               | \$ 19,251  | \$2,688,528             | \$ 4,726,011 |
| Illiff School of Theology <sup>s</sup> | 20,000                     | 130,000      | 25,000      |                        | 175,000                                  | 326,788     |               |            | 326,788                 | 501,788      |
| Loretto Heights College                | 105,000                    | 1,027,500    | 151,611     |                        | 1,284,111                                |             |               |            |                         | 1,284,111    |
| Regis College                          | 63,694                     | 470,000      | 138,266     |                        | 671,960                                  | 47,887      |               |            | 47,887                  | 719,847      |
| University of Denver                   | 208,248                    | 1,033,005    | 427,154     |                        | 1,668,407                                | 2,433,435   | \$105,774     | 25,139     | 2,564,348               | 4,232,755    |
| Total, 1937-38                         | \$ 807,324                 | \$ 3,970,523 | \$1,059,114 |                        | \$ 5,836,961                             | \$5,477,387 | \$105,774     | \$ 44,390  | \$5,627,551             | \$11,464,512 |
| Total, 1935-1936                       | 782,860                    | 3,958,131    | 910,431     |                        | 5,651,422                                | 5,203,443   | 6,918         | 86,607     | 5,296,968               | 10,948,390   |
| Total, 1933-34                         | 756,966                    | 3,695,486    | 1,011,018   |                        | 5,463,470                                | 5,016,558   | 8,253         | 37,400     | 5,062,211               | 10,525,681   |



## JUNIOR COLLEGES

Two acts of the legislature approved April 20, 1925, established the Junior College of Grand Junction and the Junior College of Trinidad, the first of their kind in the state. They were authorized to teach the first two years of a regular college course in science and liberal arts so as to permit graduation into higher courses and professional schools of the University of Colorado and institutions of like character. The acts carried with them appropriations for \$2,500 each for the improvement of the sites of the colleges and authorized the Governor to appoint three trustees for each.

An act of the legislature known as the Junior College act, approved May 6, 1937, created the authority for the establishment of junior college districts in the state, said districts to consist of one or more counties if such area has a school population of 3,500 or more and an assessed valuation of \$20,000,000 or more. A junior college was defined as an educational institution which shall provide not to exceed two years of training in the arts, sciences and humanities beyond the 12th grade of the public high school curriculum and for vocational education. The law provides the method by which 500 electors of a county or counties may petition for the formation of a district and for the holding of an election to act thereon.

Further provisions were made for the reorganization of districts and taking over the properties of any junior colleges theretofore existing and for the granting of credits. Under this provision the Grand Junction and Trinidad colleges were reorganized and the name of the former was changed to Mesa Junior College. Subsequent to the enactment of the law the Pueblo Junior college was organized.

Existing laws were amended to provide for the certification of levies to the county commissioners for the payment of \$75 per month for teachers in junior colleges out of county funds, and for other aid. Colleges organized under the law become a part of the state's educational system, and like secondary schools, share in the income from the state's permanent school fund.

The Grand Junction, Trinidad and Pueblo junior colleges have all come under the law. Three other junior colleges have been organized and are functioning, but as yet have not been incorporated into the state's edu-

cational system. These are the Junior College of La Junta, the Junior College of Northeastern Colorado, at Sterling, and the Junior College of Lamar.

## PAROCHIAL SCHOOLS

The Roman Catholic educational system in Colorado comprises 85 schools, exclusive of Regis college and Loretto Heights, both of which are included in the section on universities and colleges. Of these, 60 are elementary, 24 are high schools, and one is a boys' seminary. The elementary schools include 52 parochial, three academies for girls and five orphanages for boys and girls. The high schools include 17 parochial, five academies for boys and girls and two orphanages.

The total enrollment in the 85 schools in the school year 1940-1941 was 14,074, of which 6,813 were male and 7,261 female. The number of teachers employed was 525, of which 67 were male and 458 female. The figures are exclusive of Regis and Loretto Heights colleges.

## VOCATIONAL EDUCATION

The Colorado vocational education program is carried on under authority granted by four federal acts and four state acceptance acts. The first of the federal legislation is known as the Smith-Hughes act of 1917, and was followed by the rehabilitation act of 1925, the George-Deen act of 1937, and the vocational-education-for-national-defense act of 1940. These acts provided for federal-state cooperation to conserve and develop the natural human resources; to promote a more prosperous agriculture; to prevent waste of human labor; to provide apprenticeship; to increase the wage-earning power of adult productive workers and to promote efficient and satisfying home conditions. The 1940 act fitted the program into the training of defense workers.

Colorado accepted the terms and conditions of the federal (Smith-Hughes) act by qualifying legislation in 1917, making temporary arrangements for the organization of the state board of vocational education, followed in 1933 by an act placing it under the state department of public instruction. In 1919 a state act provided a continuing appropriation of \$72,680 annually for the development and maintenance of the program, and in 1919 it made state school funds available to school boards of first class power to employ special teachers.

The federal government does not undertake the organization and direction of vocational education within the state, but makes substantial financial contributions to be supplemented by state funds. These grants are conditional and impose specific obligations in regard to the expenditure of the funds. The state treasurer is custodian of all funds, and makes payments out of same only on warrants drawn by the state auditor on vouchers issued by the board.

The state board is composed of five members, one each representing employers and organized employees, a practicing farmer, a representative of distributive occupations and a woman representing homemaking. They receive actual and necessary travel expenses for attending board meetings, the total in the 1942 fiscal year being \$197.69. The activities of the board are under a staff of supervisors and necessary personnel under a state director, the latter being H. A. Tie-mann.

Funds expended by the board in the year ending June 30, 1942, are as follows:

|   |               |
|---|---------------|
| Federal:  | <b>Amount</b> |
| Federal Smith-Hughes.....                                   | \$ 61,935     |
| Federal George-Deen.....                                    | 122,146       |
| Federal Rehabilitation.....                                 | 15,706        |
|   | <hr/>         |
|   | \$ 199,787    |
| State:  |               |
| Appropriations .....  | \$ 55,500     |
|   | <hr/>         |
| Total .....   | \$ 255,287    |
| Federal funds for training war workers, equipment, etc..... | \$1,079,540   |
|   | <hr/>         |
| Grand total.....  | \$1,334,827   |

During the year 663 physically handicapped persons received rehabilitation service of vocational guidance, vocational training, artificial appliances or placement in remunerative employment. Of this number 229 cases were rehabilitated at an average weekly wage of \$20.63, an annual earning power of \$132,011 or more than four times the cost in state and federal funds.

Enrollments for year ending June 30, 1942, were as follows:

|                               |               |
|-------------------------------|---------------|
|                               | <b>Number</b> |
| Vocational agricultural.....  | 3,098         |
| Trade and industrial.....     | 14,870        |
| Homemaking .....              | 10,217        |
| Distributive occupations..... | 3,914         |
| Rehabilitation .....          | 663           |
|                               | <hr/>         |
| Total .....                   | 32,762        |

The total number of teachers employed was 446.

## Museums, Libraries, Scientific

### Colorado Museums, Paleontological Investigations, Archaeological Expeditions, Harvard Observatory, Mount Evans Laboratory, Public Libraries

COLORADO has a number of museums housing works of art, relics of ancient races, historical documents, specimens of prehistoric beasts and reptiles and present fauna and flora. The exhibits in some of these museums are among the finest in the country and afford excellent opportunities for study by scientists, archaeologists, geologists and ethnologists, as well as being of interest to the general public. The collections are being continually augmented by specimens gathered by expeditions sent out not only in Colorado and other states but to foreign countries.

**Colorado Museum of Natural History**—One of the largest museums in the state is the Colorado Museum of Natural History, owned by the city of Denver and located in City park. The nucleus for the museum was a collection of Colorado mammals and birds made

by Edwin Carter, who came to the state in 1870 for his health and lived at Breckenridge. The Colorado Museum of Natural History association was organized in December, 1900, to buy the Carter collection with funds provided by subscriptions of \$1,000 each. Contracts were made November 18, 1901, for part of the building. This unit was completed in June, 1903, and the main building was finished in July, 1908, at a total cost of \$107,934. The Standley Memorial Wing, erected in 1918, in memory of Joseph Standley, by Mrs. Ellen M. Standley, at a cost of \$66,250, was the next unit completed. The James Memorial Wing, in memory of William H. James, donated by Mrs. Elsie James Lemen and Harry C. James, trustee, was finished in 1929 at a cost of \$84,975.

The Phipps auditorium, with a seating capacity of 750 on the main floor

and 200 in the balcony and a modern theatrical stage ample for a 70-piece orchestra, was built in 1939 by the city at a cost of \$250,000 and was dedicated on January 11, 1940. The construction of this addition was made possible through a donation of \$137,500 by Senator and Mrs. Lawrence C. Phipps and by Public Works administration grants of \$112,500.

Total construction cost to December 31, 1941, including buildings and equipment, but not exhibits, was \$1,101,718.

The museum, which is supported in part by the city and in part by donations and endowment funds, has a large staff of scientists constantly engaged in the collection and preparation of new and rare specimens and in this work has sent expeditions to Alaska, Central America, South America and other countries.

The number of visitors to the museum is as follows:

| Year              | Number    |
|-------------------|-----------|
| 1912 to 1934..... | 4,605,208 |
| 1935 .....        | 241,445   |
| 1936 .....        | 266,900   |
| 1937 .....        | 299,490   |
| 1938 .....        | 423,780   |
| 1939 .....        | 463,130   |
| 1940 .....        | 604,745   |
| 1941 .....        | 805,005   |
| Total .....       | 7,709,703 |

**Colorado State Museum**—The state museum is located just south of the capitol in Denver and is housed in a building constructed by the state of Colorado at a cost of \$500,000. It is conducted by the State Historical Society of Colorado and comprises two departments, the department of history and the department of archaeology and ethnology. The museum contains one of the most complete collections of artifacts of the Pueblo culture in the United States; Indian relics, the machinery which coined gold in a private mint in Denver in 1860, models of scenes and incidents of early life in the west, reconstructed to scale, war relics, and numerous documents and records of great historical value.

The state historical society and the state museum are supported by revenues from two sources, appropriations by the legislature out of state funds and annual dues paid by members. Funds expended out of legislative appropriations in recent years are as follows:

|            |             |
|------------|-------------|
| 1930 ..... | \$13,613.01 |
| 1931 ..... | 14,218.33   |
| 1932 ..... | 14,241.74   |
| 1933 ..... | 11,148.24   |
| 1934 ..... | 8,783.23    |
| 1935 ..... | 10,041.54   |
| 1936 ..... | 11,136.35   |
| 1937 ..... | 11,114.72   |
| 1938 ..... | 11,615.05   |
| 1939 ..... | 7,408.04    |

**Denver Art Museum**—The Denver Art museum is located in the new Denver municipal building and, as its name indicates, is devoted to the furthering of the arts. It is supported in part by the city and in part by private subscriptions through its membership. It has on exhibition the largest and most valuable art collection in the state and is open to the public. Among the art exhibits is the Junius Flagg Brown collection of 35 French and American paintings donated to the museum for permanent preservation as a separate exhibit, the Helen Dill memorial collection of nineteenth and twentieth century American and French works; and canvases of contemporary American artists. It also maintains an unusually fine exhibit of Indian art.

**Chappell House**—Chappell House, 1300 Logan street, Denver, was presented to the Denver Art association in 1922, by Delos Chappell and Mrs. George Cranmer, and is conducted by the Denver Art museum. It sends out traveling exhibits and supplements the work of that organization. It also maintains an exhibit of Indian art and handicraft at the Red Rocks pueblo, a reproduction of a family-group habitation of the Pueblo Indians, in the Red Rocks park of the Denver mountain parks system.

**Cody Memorial Museum**—The Cody Memorial museum is located on Look-out mountain near Golden, in Denver's mountain park system, and contains relics of Col. W. F. ("Buffalo Bill") Cody, a noted scout, whose grave adjoins the site of the museum.

**Mesa Verde Park Museum**—The Mesa Verde Park museum is located in the Mesa Verde national park, in Montezuma county, in the southwestern part of the state, and houses relics of the cliffdwellers, being entirely an archaeological collection gathered in the ruins in the park. It is owned by the government and conducted by the park officials. This collection was made possible by the contributions of friends of the park. The museum now contains the largest and most comprehensive exhibit of the archaeology of the park that is available for public inspection.

tion anywhere. A noteworthy addition to the museum was made in 1930. Through the co-operation of Charles L. Bernheimer of New York City, Dr. Clark Wissler, of the American museum of natural history, and Earl H. Morris, of the Carnegie institute of Washington, the American museum of natural history made a permanent loan of the basket-maker material collected during the field season of 1929 in southeastern Utah by the seventh Bernheimer expedition.

Another important acquisition was made in 1934 through the presentation of the Nordenskjold collection to the museum by the Swedish government. This collection consists of specimens obtained by Explorer Nordenskjold in the region before congress created the park as a national reserve.

**Canon City Museum**—The Canon City museum, located in Canon City, is owned by the city and contains natural history exhibits.

**Fort Bent Museum**—The Fort Bent museum, in Court House park, La Junta, has a scaled model of Bent's fort, and exhibits of fossils and relics of early days in the Arkansas valley, including old newspapers and documents.

**Meeker Museum**—The Meeker museum in Greeley was the home of Nathan C. Meeker, founder of the Meeker colony, and federal agent at the White River agency in 1879 when he was slain in a Ute Indian uprising, and houses his furniture, saddles, trappings and other relics of the pioneer.

**Corwin Hospital Museum**—The Corwin hospital museum at Pueblo houses world war relics and relics of the south sea islands, Australia, South America and other countries collected by Dr. Richard Corwin in his world travels.

**Fine Arts Center**—The Fine Arts Center at Colorado Springs is affiliated with Colorado college and in 1936 occupied a new building, a gift of Mrs. F. M. P. Taylor. It houses an art school, galleries, a small theatre, a museum and studios for artists. It maintains a permanent collection of Indian and southwestern art and is custodian of many fine paintings from Pacific coast art galleries moved into the interior for the duration of World War II.

**Pioneer Museum**—The Pioneer Museum in Fort Collins was opened May 12, 1942, as a result of the work of pioneer societies and the Indian Relic and Hobby club of that city at a cost of \$18,881 in WPA funds and \$6,300

local funds, and is owned by the city. It houses a collection of African, Canadian and Alaskan hunting trophies loaned by John C. Ayers' estate; an exhibit of Rocky Mountain animals loaned by William Jeffers; and an exhibit of Chinese, Japanese, Turkish, French and Spanish swords and guns dating back to 500 A. D. A feature of the museum is the Antoine Janis cabin, built in 1844, constructed by the scout and his wife, and the oldest cabin in the state, which contains a collection of pioneer relics.

**University of Colorado Museum**—The University of Colorado museum at Boulder had its beginning in a small way in 1902, when Prof. Junius Henderson (1865-1937) was appointed curator. The expanding requirements for the housing of the exhibits resulted in the construction in 1937 of a museum building, which was made possible with a federal grant of funds. It was opened to the public on November 16, 1937. At the time of the removal of the collections to the museum building, the number of specimens exceeded a million.

**Denver Zoo**—The city of Denver owns and maintains in its City park the largest and most important zoo in the state, or in the Rocky Mountain region. It was established in 1896 when a cub bear named "Billy Bryan" was presented to the mayor. A den was built for the bear in the park and from this beginning there grew a zoological garden which ranks among the most attractive in the west. A feature of the zoo, which is one of the first and finest of its kind, is a replica of a mountain fully enclosed and planted with native shrubbery, to form a natural habitat for its inhabitants. The bears' dens are built in the base of the mountain in the form of natural caves. A cliffdwellers ruin partly surrounded by a moat in the form of a small mountain stream provides a habitat for the seals. Another feature of the zoo is "monkey island," a summer home for the simians. The population of the zoo is approximately 140 species and 1,350 specimens of mammals, birds and reptiles.

## PALEONTOLOGICAL

Colorado is an attractive field for the paleontologist, the scientist who deals with the life of past geological periods through the study of fossil remains of organisms. All geological formations known to science are present in the state, ranging from pre-Cambrian granite to the youngest beds of Tertiary age. The horizons embrace beds of all

of the ages of time from the beginning of creation down to the most recent depositions of sedimentary rock. In many of these are found the fossil remains of organisms existing at the time the depositions took place. The identification of the strata of the earth depends largely upon the evidence afforded by the presence of fossils, and the science is used extensively in the exploration for minerals, oil and natural gas.

There are a number of beds exposed at the surface in Colorado which are not only of scientific value, but of particular interest to tourists who may gather evidence of the life of past ages as souvenirs of their visits to the state. One of the most famous of these is located at Florissant, in Teller county west of Colorado Springs. In the Tertiary age there existed at this location a small lake approximately five miles long and about a mile in width. The bed of the lake is now composed chiefly of volcanic ashes, mud and sand. The conclusion reached in both field and laboratory is that the deposits were formed largely by volcanic ashes from repeated eruptions falling upon the surface of the water and settling to the bottom, assisted by the sluggish lake currents which flowed mud into position without much grinding. The ancient lake was discovered in 1873 by Dr. A. C. Peale, of the Hayden geological survey. Its beds have proved to be highly fossiliferous, perhaps more abundantly so than any other deposit in the world. They are especially rich in remains of plants, fish and insects, and are now known to include more than 1,000 species of insects and nearly 250 species of plants. During the more than 67 years of its known existence, many thousands of specimens have been recovered by individuals and are to be found not only in museums but in many homes throughout the world.

There are a number of other lake beds similar to the one at Florissant in other areas of the state, the most noted being in the vicinity of Creede. Some of these deposits are known to be several thousand feet thick.

The yield of fossils from the known beds in the state is by no means confined to species of plant and insect life, but includes fossil remains of prehistoric animal life of great scientific interest. The Dinosaur national monument in northwestern Colorado and northeastern Utah, with a total area of 203,965 acres, is one of the largest of these. It is more fully described in the chapter in this volume on national parks and monuments.

An expedition under the direction of Dr. Barnum Brown, curator of the American Museum of Natural History, of New York, spent several months in 1937 in the vicinity of Cedaredge, in Delta county, excavating for dinosaur bones. A train load of fossils was shipped back to New York, many of which were rare specimens. Included in the discovery were a skeleton of a dinosaur 20 feet long, by five feet thick and four feet high, which resembled a mammoth horned toad; part of a skeleton of a duck-bill dinosaur, and skeletons of some smaller species. One of the discoveries was the footprints of what is believed to be one of the largest reptiles that ever lived. The footprints, excavated from a coal mine, indicated the beast had a stride of 15 feet. Each rock containing a footprint weighed four tons. From the measurements of these prints and a foreleg bone it is estimated that the reptile was at least 34 feet high.

Numerous mounted specimens of prehistoric animals are on exhibition at the Colorado Museum of Natural History.

#### ARCHAEOLOGICAL

Colorado is an attractive field for archaeological exploration, and expeditions sent out at frequent intervals by the country's principal museums of natural history discover in the state many ruins and relics of past ages which furnish valuable information concerning the early American races. Some of the recent discoveries have attracted international attention.

One of the largest and best known of these areas is the Mesa Verde national park in Montezuma county, where many hundreds of ruins of cliff dwellings, temples and other structures have been uncovered and many others are known to exist. It is estimated that the Mesa Verde area once had a population of at least 70,000 people.

Prior to the passage of an act by congress in 1906 creating the Mesa Verde national park, some of the most valuable relics in the park were recovered by European explorers. One of the most important collections assembled was that of the Swedish explorer Nordenskjold, which was sold to the Swedish government and placed on exhibition at Helsingfors, Finland. In 1934 this collection was acquired with public works funds and returned to the museum in the park.

The Colorado state historical society conducted extensive exploration work

in 1925 on Chimney Rock mesa, 22 miles west of Pagosa Springs, which resulted in some valuable discoveries. The area is one by one and one-fourth miles in size. Numerous ruins were discovered, including one chamber 209.7 feet long and more than 80 feet wide. They were inhabited in a period of the post-basket makers culture, dating back approximately 3,000 years. Among the discoveries were two human skulls, one of the roundhead and the other the longhead type.

In 1931 the society sent out an expedition under Dr. Paul S. Martin to explore the area southwest of the Mesa Verde national park. This resulted in the discovery of Lowry Pueblo and evidences of other ruins to the north. Subsequently Dr. Martin went with the Field Museum of Natural History, of Chicago, and in 1937 headed an expedition from that museum which spent several months exploring the high ridges to the north in the vicinity of Ackmen, 60 miles northwest of Mesa Verde. Nearly 200 individual building sites were discovered and mapped. While smaller and not as well preserved as the cliff dwellings at Mesa Verde, they indicated a center of population 400 to 500 years older.

A camp of "Folsom men," believed to have been occupied by ancient Americans at least 12,000 years ago, was discovered in 1935 at a location 65 miles northwest of Fort Collins by an expedition headed by Dr. Frank H. H. Roberts, Jr., of the Smithsonian institute. Excavations continued from 1935 to 1939, inclusive, and much evidence of how the Folsom men lived was uncovered, but no human bones or skulls were discovered.

The Colorado Museum of Natural History conducted excavations during 1936 at a Folsom habitation site, 15 miles west of the Lindenmeier location. During the field seasons of 1937, 1938 and 1939, Marie Wormington, curator of archaeology for the museum, conducted expeditions in Montrose county. The principal work has been carried on in two rock shelters, known as the Moore and Casebier sites, which have yielded a previously unreported complex of stone and bone artifacts and basketry tentatively attributed to prehistoric Ute. The museum also has carried on general survey work and the recording of pictographs.

A generous grant from the Penrose fund of the American Philosophical society, matched in part by museum funds, enabled the museum to continue its archaeological survey of western and southern Colorado in 1941. Betty

Holmes Huscher and Harold Huscher, with a crew of four, spent three months in the field attempting to establish a skeleton chronology for various cultural traces previously identified. According to the Huschers, the more important inferences to be drawn from the season's work are that the Rocky Mountain region likely was occupied continuously through the post-Pluvial drouth period which came to an end some four thousand years ago, and that during the drouth, retreat of some of the small nomadic bands must have been upward into the higher hills instead of downward to regions of more stable rainfall. It follows that the Basketmaker subsistence, hunting-gathering culture—the substratum from which springs much of Pueblo and Apache-Navajo culture, and most of the Ute-Paiute—may well have developed indigenously from the older, big-game hunting, post-Glacier cultures.

The University of Colorado was engaged in 1925 in excavating and removing specimens from ruins in the region south of the Mesa Verde national park for its museum, under a government permit. A permit was granted the same university in 1929 to conduct a reconnaissance in parts of La Plata county during that year. There are several operations of like nature on patented land owned by private parties, where specimens are being obtained for museums. Congress passed a law in 1906 for the preservation of American antiquities, which provides that permits must be obtained before excavation can be made on government land. The government also retained title to all ruins on government land which has gone to patent since that date. Specimens can be obtained only by reputable museums, universities, colleges and scientific societies under these permits.

Colorado's opportunities for discoveries of relics of the past are not confined to the more scientific minded. There are numerous Indian battlefields and camps throughout the state where arrowheads, pottery and other evidences of Indian occupation are to be found and the principal libraries have guide books giving information concerning their location. There are many valuable collections of Indian relics in the museums and private homes in the state.

Additional information concerning the Mesa Verde and other ruins may be found in the chapter on "National Parks and Monuments."

### HARVARD OBSERVATORY

The world's highest astronomical observatory was built and equipped in 1940 at Climax, in Lake county, 12 miles northeast of Leadville, by Harvard university, under the supervision of Dr. Donald H. Menzel, professor of astrophysics at the Harvard observatory. The plant houses a coronagraph, which creates artificial solar eclipses by masking out the sun itself and allowing only the light of the corona to be observed and studied at any time of the day or season of the year. Heretofore these studies have been limited to the brief period of a total eclipse of the sun and often required the transportation of elaborate equipment and the traveling of scientists to remote parts of the earth to observe it for a few minutes under the most favorable conditions.

The coronagraph, a new type of "sun telescope," was invented and developed by B. Lyot, in the observatory of the Pic du Midi, France, and only three of the instruments are in existence. The one set up in the Colorado observatory is the only coronagraph in the western hemisphere and was perfected at Cambridge for shipment to this state. Its lenses are treated with an "invisible glass" technique developed by Dr. C. H. Cartwright at the Massachusetts Institute of Technology for the purpose of reducing reflections and scattered light.

The observatory is equipped to take motion and still pictures of the corona, giving scientists their first record of how this peculiar light changes from day to day and how its streamers project into space. One of the immediately practical results is the forecasting of electrical disturbances on the earth such as took place on Easter in 1940, when the communication systems were disrupted. The upheavals in the sun's corona and the occurrence of magnetic storms on the earth are believed to have a direct relationship with each other. The disturbances are believed to result from the bombardment of the earth by electrical particles ejected from the sun. By close observation from day to day of the changes in the corona it may be possible to predict the electrical bombardments and prepare for them.

The site for the observatory was chosen after a nation-wide survey in search of the most favorable location. The most effective operation of the coronagraph requires the clearest of skies and freedom of the atmosphere from dust and all suspended particles.

The elevation at Climax is 11,318 feet. The ground for the observatory was donated by the Climax Molybdenum company, which operates at Climax the largest metal mining undertaking in Colorado.

### MOUNT EVANS LABORATORY

The world's highest laboratory, and in some respects the most unique, is located on the summit of Mount Evans, in Clear Creek county, southwest of Denver, at an altitude of 14,250 feet. It was built in the summer of 1936 as a joint project of the University of Denver and the Massachusetts Institute of Technology, primarily for the study of cosmic rays. It is 3,160 feet higher than the famous laboratory on the Jungfrau Joch mountain in Switzerland, and is only 600 feet from the terminus of the Mount Evans highway, the highest automobile road in the United States.

Subsequent to its completion the University of Chicago and Cornell University have participated in its support.

The structure consists of two rooms, each 20 by 24 feet, one being fitted as a laboratory and the other for living quarters, with complete equipment for housing six observers. The laboratory was designed to withstand a wind velocity of 150 miles an hour, to screen out electrical disturbances and to make it impervious and impregnable to rodents. Side walls were eliminated to make it wind proof and in order to protect it from lightning the end walls, the roof and the floor are completely surrounded with metal, which is connected with ground wires buried deep in the mountain.

The laboratory was constructed under the supervision of Burnham Hoyt, Denver architect. It was prefabricated in Denver and cut into sections for transportation to the end of the highway, and from that point was moved to location by manual labor. This required the carrying of 40 sections weighing from 200 to 500 pounds up the last stretch of rocky knoll.

The need for such a laboratory in the United States has existed for some time. Prior to its construction ten expeditions of scientists had been undertaken to the summit of the mountain and almost as many more to the top of Pikes peak. Three of the American winners of the Nobel prize in physics—namely, Carl Anderson, R. A. Millikan and A. H. Compton—are among those who have made studies of the cosmic rays on Mount Evans. The fa-

cilities of the laboratory are not limited to cosmic studies, but have been made available for other scientific purposes. Many of the leading universities, scientific societies and museums of the country have been granted permission to use its facilities.

Expeditions to the summit are at present limited on account of the scientists being engaged in research in connection with the war program. Plans for the installation of additional scientific equipment have been held in abeyance for the same reason. Included among the latter is a cosmic ray "telescope" which resembles a ferris wheel six feet in diameter, around the rim of which are mounted detectors and cameras for recording simultaneously the arrival of cosmic rays from different directions. This instrument is stored in Denver, along with a new diesel power plant, awaiting an opportunity for the scientists to install it.

**COLORADO LIBRARIES**

Colorado has extensive library facilities available to the public, many of which are maintained wholly or in part by public funds. There are 132 libraries in the state, containing 2,295,905 volumes, exclusive of public school libraries and lending libraries operated by private concerns. The number of volumes is nearly equal to two for every man, woman and child in the state.

A summary of these, by type and number of volumes, is as follows:

|                           | No.        | Volumes          |
|---------------------------|------------|------------------|
| State libraries.....      | 5          | *235,570         |
| Public libraries.....     | 101        | 1,063,401        |
| County libraries.....     | 11         | 83,612           |
| College and university:   |            |                  |
| Publicly controlled.....  | 8          | 525,904          |
| Privately controlled..... | 7          | 287,418          |
| <b>Total .....</b>        | <b>132</b> | <b>2,295,905</b> |

\*Exclusive of legislative reference library.

The annual survey of public libraries in the cities and towns of the state conducted by the staff of the Colorado state library reveals a total of 101 libraries of which 97 reported 1,063,401 volumes and 86 reported 223,754 borrowers. The circulation of libraries reporting was 3,675,296, an indicated circulation of 16.3 per borrower. This compares with 16.1 per borrower in 1940 and 1939. The circulation in 1934 was 19.

The circulation per borrower in Denver in 1941 was 19.4, which compares with 20.1 in 1940 and 21.3 in 1934; Pueblo, 16.5, which compares with 16.3 per borrower in 1940 and 13.9 in

1934. Boulder, the center of the state university, reported a circulation of 18.2 per borrower in 1941.

The public libraries are supported principally by mill levies and 89 libraries reporting for 1941 reported an aggregate income of \$383,940. That amount includes revenue from taxation since fines and other fees collected by the libraries go back into the general city funds.

Eleven of the counties maintain county libraries. These, with the exception of Larimer and Weld counties, are supported by donations.

A table published herewith gives the number of volumes, circulation, number of borrowers and income for the public libraries, by cities and towns, and for the county libraries by counties with the location of the library in parenthesis.

The colleges and universities of the state have 813,322 volumes in their libraries, of which 525,904 are in the publicly-controlled and 287,418 in privately-controlled institutions.

The libraries in the educational institutions are distributed as follows:

| Publicly controlled:             | Volumes        |
|----------------------------------|----------------|
| Adams State Teachers.....        | 9,000          |
| College of Education.....        | 91,789         |
| State College.....               | 84,695         |
| Fort Lewis.....                  | 6,500          |
| Grand Junction Junior College... | 5,000          |
| School of Mines.....             | 30,920         |
| University of Colorado.....      | 280,000        |
| Western State College.....       | 18,000         |
| <b>Total .....</b>               | <b>525,904</b> |

| Privately controlled:         | Volumes        |
|-------------------------------|----------------|
| Colorado College.....         | 105,300        |
| Colorado Woman's College..... | 5,000          |
| Hliff School of Theology..... | 17,000         |
| Loretto Heights College.....  | 13,154         |
| Regis College.....            | 35,000         |
| University of Denver.....     | 109,964        |
| Westminster Law School.....   | 2,000          |
| <b>Total .....</b>            | <b>287,418</b> |
| <b>Grand total.....</b>       | <b>813,322</b> |

The five state-owned libraries are the state library, the traveling library, an extension service of the state library, the state law library, the state legislative reference library and the state historical library.

The state library, which is located in the capitol building, is under the supervision of the superintendent of public instruction. It is a reference library; a depository for the preservation of state records and reports, United States government reports and documents of other states and territories. It contains 150,000 volumes.

The extension division of the state library also is under the superintend

ent of public instruction. Its purposes are to give assistance, advice and counsel to all free libraries in the state, to committees which may propose to establish libraries and to all persons interested as to the best means of establishing and administering libraries, and to keep in operation free traveling libraries in the state. The division lends books out of the state library, and in 1941 the circulation was 115,151.

The state legislative reference library is highly specialized and the service afforded includes supplying reference service to members of the state legislature and state officers and the drafting of bills and statutory revisions. It contains books, pamphlets, reports, newspaper files and miscellaneous material pertaining to its special line of work.

The state law library is under the supervision of the supreme court and is conducted for the benefit of the court and the lawyers appearing before it. It contains 70,000 volumes.

The state historical library is in the state museum building and is under the supervision of the state historical society. It collects and preserves material relating to the history of Colorado and has 15,570 volumes. It is a non-circulating library.

The public schools of the state have extensive library systems for the benefit of the pupils, but no information is available as to the number of volumes. The United States office of education reported that in 1935 there were 512 schools served by centralized libraries or classroom collections and that the expenditures in behalf of these amounted to \$129,605.

**PUBLIC LIBRARIES IN COLORADO: NUMBER OF VOLUMES, CIRCULATION, INCOME AND NUMBER OF BORROWERS, BY CITIES AND TOWNS, DECEMBER, 1941**

(Source: State Librarian)

Note—This list is exclusive of state-owned libraries (see text) and libraries of Colorado colleges and universities, which are shown in the text.

| City or Town                          | Number Volumes | Circulation | 1941 Income | No. of Borrowers |
|---------------------------------------|----------------|-------------|-------------|------------------|
| <b>TAX-SUPPORTED PUBLIC LIBRARIES</b> |                |             |             |                  |
| Alamosa .....                         | 3,392          | 3,800       | \$ 325.00   | 529              |
| Arvada .....                          | 1,328          | 11,031      | 565.00      | 1,140            |
| Aurora .....                          | 10,000         | 17,551      | 749.90      | .....            |
| Ault .....                            | 5,000          | 4,625       | 77.50       | 247              |
| Bayfield .....                        | 2,588          | 5,952       | 464.00      | .....            |
| Boulder .....                         | 19,924         | 109,020     | 5,739.37    | 6,000            |
| Bennett .....                         | 1,108          | 918         | 39.50       | 262              |
| Berthoud .....                        | 1,934          | 851         | 106.38      | 53               |
| Brighton .....                        | 12,500         | 27,891      | 1,924.57    | 3,000            |
| Breckenridge .....                    | 1,606          | 1,410       | 79.17       | 99               |
| Bristol .....                         | 525            | 400         | .....       | 45               |
| Brush .....                           | 10,064         | 15,976      | 1,471.17    | 1,407            |
| Burlington .....                      | 12,238         | 12,238      | 728.74      | 1,120            |
| Calhan .....                          | 700            | 983         | 113.16      | 225              |
| Canon City .....                      | 11,287         | 22,180      | 1,997.75    | .....            |
| Castle Rock .....                     | 400            | 1,000       | .....       | .....            |
| Cedaredge .....                       | 300            | 1,300       | 68.00       | 131              |
| Central City .....                    | 1,973          | 3,780       | 21.00       | 430              |
| Cheyenne Wells .....                  | 1,940          | .....       | .....       | .....            |
| Colorado Springs .....                | 59,878         | 251,303     | 26,356.00   | 20,000           |
| Crook .....                           | 825            | 1,246       | 15.00       | 125              |
| Cortez .....                          | .....          | .....       | 260.00      | .....            |
| Craig .....                           | 9,425          | 18,273      | 1,343.47    | 1,425            |
| Delta .....                           | .....          | 27,464      | 2,645.00    | 2,206            |
| Del Norte .....                       | 200            | 1,800       | 158.87      | 40               |
| Denver .....                          | 411,028        | 1,722,263   | 228,653.67  | 88,893           |
| Durango .....                         | 20,460         | 42,648      | 5,107.80    | 4,209            |
| Edgewater .....                       | 1,300          | 11,296      | 60.94       | 503              |
| Elizabeth .....                       | 1,500          | 1,149       | 60.00       | 30               |
| Empire .....                          | 40             | .....       | .....       | 50               |
| Englewood .....                       | 11,000         | 49,798      | 1,759.65    | 6,000            |
| Erie .....                            | 900            | 6,222       | 195.73      | 156              |
| Evergreen .....                       | 10,000         | 800         | .....       | 300              |
| Fleming .....                         | 1,200          | 4,000       | .....       | 200              |
| Florence .....                        | 5,922          | 7,545       | 1,302.00    | 1,000            |
| Fort Collins .....                    | 29,827         | 130,329     | 9,030.00    | 4,525            |
| Fort Lupton .....                     | 5,062          | 8,608       | 882.50      | 908              |
| Fort Morgan .....                     | 9,000          | 20,885      | 2,854.36    | 10,124           |
| Fowler .....                          | 2,000          | 1,880       | 280.00      | .....            |
| Fruita .....                          | 600            | 6,454       | 30.25       | 300              |
| Georgetown .....                      | 4,047          | 4,047       | 239.81      | 370              |
| Genoa .....                           | 800            | .....       | 300.00      | .....            |
| Gill .....                            | 450            | 20,000      | 50.00       | .....            |

**PUBLIC LIBRARIES IN COLORADO: NUMBER OF VOLUMES, CIRCULATION, INCOME AND NUMBER OF BORROWERS, BY CITIES AND TOWNS, DECEMBER, 1941—Continued**

| City or Town               | Number Volumes   | Circulation      | 1941 Income         | No. of Borrowers |
|----------------------------|------------------|------------------|---------------------|------------------|
| Golden                     | 6,000            | 12,068           | \$ 685.79           | 1,236            |
| Glenwood Springs           | 7,400            | 10,560           | 350.43              | 1,848            |
| Granada                    | 900              | 2,500            | 65.00               | 90               |
| Greeley                    | 36,087           | 191,415          | 11,500.00           | 4,839            |
| Grand Junction             | 13,109           | 92,428           | 7,499.33            | 4,512            |
| Grover                     | 1,400            | 1,850            | 33.41               | 250              |
| Gunnison                   | 1,528            | 4,687            | 350.00              | 930              |
| Haxton                     | 1,166            | .....            | 284.40              | .....            |
| Hillrose                   | 1,720            | 7,500            | 4.00                | .....            |
| Holly                      | 3,597            | 14,295           | 164.00              | 515              |
| Holyoke                    | 11,000           | 16,945           | 1,224.20            | .....            |
| Hugo                       | 4,000            | 3,851            | 255.00              | 750              |
| Idaho Springs              | 9,232            | 15,033           | 1,000.00            | 985              |
| Julesburg                  | 4,000            | 3,900            | 600.00              | 400              |
| Lafayette                  | 2,700            | 3,024            | 170.00              | 305              |
| Lamar                      | 3,700            | 13,513           | 300.00              | 500              |
| La Junta                   | 25,177           | 42,695           | 8,457.99            | 2,782            |
| Leadville                  | 10,134           | 14,674           | 1,182.11            | 640              |
| Littleton                  | 6,985            | 23,426           | 1,716.92            | 1,090            |
| Longmont                   | 19,106           | 69,826           | 6,129.30            | 7,836            |
| Louisville                 | 2,121            | .....            | 160.00              | 100              |
| Loveland                   | 14,500           | 40,185           | 4,324.00            | 2,800            |
| Maybell                    | 2,000            | .....            | .....               | 40               |
| Manitou                    | 1,250            | .....            | 200.00              | 300              |
| Manzanola                  | 3,500            | .....            | 196.00              | 60               |
| Meeker                     | 3,500            | 8,860            | 566.00              | 306              |
| Merino                     | 700              | .....            | .....               | 100              |
| Monte Vista                | 5,171            | 29,737           | 1,973.66            | 1,000            |
| Montrose                   | .....            | 34,077           | 2,748.32            | 3,875            |
| Morrison                   | 300              | .....            | .....               | 217              |
| Norwood                    | 1,274            | .....            | .....               | .....            |
| Ovid                       | 3,000            | 1,600            | 300.00              | 143              |
| Ouray                      | 10,300           | 4,328            | 372.00              | 267              |
| Olathe                     | 2,000            | 1,500            | 30.00               | 250              |
| Palmer Lake                | 1,300            | 400              | .....               | 50               |
| Peetz                      | 734              | 674              | 34.71               | 68               |
| Platteville                | 3,000            | 1,385            | 22.19               | 203              |
| Pueblo                     | 45,813           | 170,024          | 12,894.75           | 10,274           |
| Rangeley                   | 800              | 884              | .....               | 100              |
| Rifle                      | 2,807            | 12,706           | 675.06              | 480              |
| Rocky Ford                 | 14,923           | 30,051           | 3,165.03            | 2,144            |
| San Acacio                 | 309              | 300              | 25.00               | 100              |
| Salida                     | 12,266           | 13,350           | 2,864.83            | .....            |
| Sedgwick                   | 2,769            | 3,234            | 100.76              | 200              |
| Silverton                  | 1,931            | 5,825            | 1,537.52            | 507              |
| Steamboat Springs          | 8,124            | 10,695           | 1,135.35            | .....            |
| Sterling                   | 18,276           | 60,893           | 4,966.76            | 5,294            |
| Strasburg                  | .....            | 948              | 6.00                | 162              |
| Stratton Park              | 800              | 200              | 21.28               | 41               |
| Sugar City                 | 1,500            | 2,000            | 60.00               | 260              |
| Swink                      | 2,925            | .....            | .....               | 75               |
| Telluride                  | 200              | 400              | 10.00               | 90               |
| Trinidad                   | 21,574           | 50,084           | 5,500.00            | 5,608            |
| Walsenburg                 | 5,000            | 23,363           | 956.49              | 463              |
| Westminster                | 688              | 1,232            | 5.00                | 289              |
| Windsor                    | 4,754            | 16,387           | 628.00              | 2,000            |
| Woodland Park              | 580              | 19,200           | 2.20                | 328              |
| Wray                       | 3,500            | 7,268            | 454.88              | .....            |
| <b>Total, Public</b>       | <b>1,062,401</b> | <b>3,675,296</b> | <b>\$383,962.93</b> | <b>223,754</b>   |
| <b>COUNTY LIBRARIES</b>    |                  |                  |                     |                  |
| Alamosa (Alamosa)          | 3,609            | 6,959            | 25.00               | 409              |
| Baca (Springfield)         | 5,000            | 25,137           | 930.92              | 1,761            |
| Elbert (Kiowa)             | 3,064            | 7,904            | 350.59              | 912              |
| El Paso (Colorado Springs) | 3,141            | 2,638            | 140.18              | .....            |
| Garfield (New Castle)      | 3,545            | 18,688           | 918.61              | 1,314            |
| Kiowa (Eads)               | 5,988            | 40,513           | 927.96              | 2,260            |
| Larimer (Ft. Collins)      | 13,778           | 50,732           | 4,124.76            | 1,617            |
| Logan (Sterling)           | 8,108            | 34,964           | 499.17              | .....            |
| Mesa (Grand Junction)      | 5,664            | 27,897           | 27.13               | 1,392            |
| Summit (Dillon)            | 1,715            | 4,393            | 15.00               | 103              |
| Weld (Greeley)             | 30,000           | 172,000          | 12,000.00           | 12,500           |
| <b>Total, County</b>       | <b>83,612</b>    | <b>391,825</b>   | <b>\$ 19,959.32</b> | <b>22,268</b>    |
| <b>Grand total</b>         | <b>1,146,013</b> | <b>4,067,121</b> | <b>\$403,922.25</b> | <b>246,022</b>   |

\*1940 figures.

## Highways and Motor Vehicles

### Highway System of Colorado, Mileage, Receipts and Disbursements, Federal Participation, Mountain Passes on Highways; Highway Courtesy Patrol; Motor Vehicle Accidents; Motor Vehicle Operations

COLORADO has an elaborate highway system consisting of approximately 75,000 miles of roads of all types and descriptions, exclusive of streets in cities and towns, which reach into every community in the state. The construction and maintenance of the system is carried on by several separate and distinct governmental agencies, all of which co-operate in the general program and most of which participate to some extent in sharing the cost.

The state highway department constructs and has supervision over all roads designated as state and federal-aid highways. The maintenance of the federal-aid system is in charge of the state highway department. The maintenance of the state highways other than those parts of the federal-aid system is conducted by the counties in which they are located and at the county's expense. An exception is that several of the counties which have little or no federal-aid roads are compensated by the state for 50 per cent of the cost of maintaining the state highways.

The county commissioners of the several counties have absolute jurisdiction over the construction and maintenance of county roads, which are not a part of the state and federal-aid systems. The funds for this work come out of county revenues.

The public roads administration of the Federal Works agency (formerly bureau of public roads) constructs the highways in and adjacent to the national forests and national parks and monuments which have been designated as parts of the forest highway or national park systems not in the federal-aid system. The cost is paid by the national forest service and the national park service out of federal appropriations. The co-operative agreement provides for the maintenance of these roads by the public roads administration for two years after completion. Thereafter the state highway department becomes responsible for maintenance, doing the work itself if the roads are federal-aid highways and seeing that it is done if they are state highways in which federal funds are

involved. Where state and federal-aid highways run through the national forests, the construction costs may be jointly shared. The public roads administration also has joint authority with the state highway department over construction of the federal-aid system.

The streets in municipalities are built and maintained by the cities and towns in which they are located, except that where state and federal-aid highways go through municipalities there are provisions made for contributory funds.

The highway system of the state, including state and federal aid highways, county and local roads, highways and forest development roads in the national forests, and highways and roads in the national parks and monuments and Indian reservations, but exclusive of streets in municipalities, aggregate approximately 75,753 miles. State highways, including federal-aid projects, account for 12,389 miles of the total, and county and other local roads for 62,579 miles.

The state system as of January 1, 1942, including the federal aid roads, is distributed as follows:

| Type                              | Miles    |
|-----------------------------------|----------|
| Projected, primitive and bladed.. | 1,058.1  |
| Graded .....                      | 1,099.8  |
| Surfaced .....                    | 5,546.2  |
| Oiled .....                       | 4,061.9  |
| Paved .....                       | 623.6    |
| Total .....                       | 12,389.6 |

The above includes 3,975.3 miles of federal-aid highways, of which 98.7 miles are in cities and towns of over 2,500 population.

The mileage of county and other local roads, computed by the state highway planning survey as of January 1, 1940, is distributed as follows:

| Type             | Miles    |
|------------------|----------|
| Paved .....      | 10.2     |
| Surfaced .....   | 4,936.0  |
| Unsurfaced ..... | 57,632.9 |
| Total .....      | 62,579.1 |

The highway planning survey lists 653 miles of national forest highways and forest development roads; 114 miles in the national parks and monu-

ments and 18 miles in Indian reservations, as of January 1, 1940.

The number of farms in the state fronting on highways as reported by the bureau of the census for 1940, with comparative figures for 1930, is as follows:

| Kind                        | Number |
|-----------------------------|--------|
| Hard-surfaced:              |        |
| 1940 .....                  | 6,221  |
| 1930 .....                  | 1,017  |
| Gravel, shell, shale( etc.: |        |
| 1940 .....                  | 14,385 |
| 1930 .....                  | 14,423 |
| Improved dirt:              |        |
| 1940 .....                  | 16,916 |
| 1930 .....                  | 22,602 |
| Unimproved dirt:            |        |
| 1940 .....                  | 11,836 |
| 1930 .....                  | 18,072 |

The legislature in 1936 authorized an issue of state anticipation warrants in an amount not to exceed \$25,000,000, to be secured by revenues from motor vehicle and gasoline taxes, for highway purposes. These warrants were issued and sold late in 1936. In order to carry out this program, the legislature made the highway department a body corporate, with the governor and the seven members of its advisory board as trustees. This program was completed in 1939.

Disbursements for highway construction, maintenance, administration, etc., by all agencies, in the 18-year period from 1924 to 1941, inclusive, aggregated \$277,307,825, distributed as follows:

|                                    | Amount        | Per Cent |
|------------------------------------|---------------|----------|
| State (including federal aid)..... | \$163,530,686 | 59.0     |
| Counties .....                     | 93,847,595    | 33.8     |
| Forest service.....                | 13,834,658    | 5.0      |
| National parks.....                | 6,094,886     | 2.2      |
| Total .....                        | \$277,307,825 | 100.0    |

Disbursements by the state highway department in the 32-year period 1910 to 1941, inclusive, aggregated \$188,796,135.

The state highway department consists of the governor, the state highway engineer, highway advisory board, and such assistants, clerks and employes as are necessary to comply with the state highway act.

The advisory board consists of one member from each of seven districts into which the state is divided, whose term is for three years and whose successor is appointed by the governor. The administrative head of the state highway department is the state highway engineer. The senior assistant engineer has complete charge of the office and routine problems connected

therewith. The assistant engineer has charge of all engineering covering location, design and construction. The maintenance engineer has direct control of all maintenance work, as well as mechanical equipment. The auditor has charge of all accounting. A division engineer, in charge of location and construction, and a maintenance superintendent are assigned to each of seven divisions.

The personnel of the state highway department as of January 1, 1942, is as follows:

STATE HIGHWAY ENGINEER  
Charles D. Vail

ADVISORY BOARD

Dist.

- 1 Raymond Reeves, Chairman...Denver
- 2 J. E. Hillman.....Delta
- 3 Thomas C. Ashley.....Saguache
- 4 John H. Reece.....Pueblo
- 5 Cady L. Daniels.....Colorado Springs
- 6 Walter B. Cooper.....Fort Collins
- 7 Ralph B. Graham, Sr.....Fort Morgan

GENERAL OFFICE

- O. T. Reedy...Senior Assistant Engineer
- A. F. Hewitt.....Assistant Engineer
- Fred H. Young.....Office Engineer
- Douglas N. Stewart.....Supt. of Maint.
- J. P. Donovan...Maintenance Engineer
- John S. Marshall.....Chief Draftsman
- Paul S. Bailey.....Bridge Engineer
- K. C. Vail.....Materials Engineer
- William C. Loos.....Auditor
- Floyd A. Crowfoot.Supervisor of Supplies
- Roy F. Smith.....Chief Clerk
- W. M. Williams.....
- .....Public Relations Inspector
- H. S. Dunwoody.....
- .....Highway Planning Survey
- A. R. Pepper.....Traffic Supervisor

Owing to geographical conditions and mountain barriers, the highway advisory board districts do not correspond with the engineering and maintenance divisions. Each division has a division engineer, and a superintendent of maintenance. The division engineers are as follows:

DIVISION ENGINEERS

Div.

- 1 E. E. Montgomery.....Denver
- 2 J. R. Cheney.....Grand Junction
- 3 Roy J. Randall.....Durango
- 4 James D. Bell.....Pueblo
- 5 H. L. Jenness.....Colorado Springs
- 6 Ernest Montgomery.Glenwood Springs
- 7 W. A. Whitney.....Greeley

The assistant superintendents of maintenance, the divisions in which they serve and their headquarters are as follows:

Div. Asst. Supt. Headquarters

- 1 J. P. Solan, Jr.....Greeley
- 2 J. R. Shea.....Durango
- 3 Darrell G. Vail.....Grand Junction
- 4 Chas. E. Shumate.....Pueblo
- 5 Axel Swanson.....Denver
- 6 F. M. Drescher.....Craig
- 7 C. M. Terrel.....Alamosa

The United States bureau of public roads, as it formerly was known, was changed to the Public Roads administration under the Federal Works agency under the President's reorganization Plan No. 1, dated April 25, 1939. This organization administers the regular federal-aid funds and the emergency appropriations for road construction; co-operates with the department of agriculture in the construction of forest roads; supervises construction of roads for the national park service; and part of its work is done co-operatively with the state highway department. The public roads administration has headquarters in Denver for District No. 3, comprising Colorado, Wyoming and New Mexico. The personnel of the district, except those assigned to New Mexico and Wyoming, is as follows:

- B. W. Matteson.....District Engineer
- Roy A. Klein.....Federal Aid Engineer
- W. J. Keller..District Planning Engineer
- J. E. Williams.....
- .....Federal Aid Office Engineer
- L. F. Copeland.....Bridge Engineer
- W. D. Ross.....Materials Engineer
- A. V. Williamson.....
- .....Forest and Park Engineer
- C. E. Learned.....
- ....Ass't Forest and Park Engineer
- L. A. Hamilton.....
- ....Forest and Park Office Engineer
- R. H. Naylor.....Asst. Office Engineer
- R. C. Jones...Asst. F. A. Office Engineer
- R. S. Corlew.....Maintenance Engineer

The United States forest service, in addition to expenditures made on highways, roads and trails in and adjacent to the national forests, co-operates with the counties of the state in highway work, and 25 per cent of its revenues from the operations of the forests goes to the counties for road purposes. The amounts derived from this source and their distribution among the counties, by years, are given in a table accompanying the chapter on "Federal Lands and Reserves."

In 1940 the United States government notified state highway authorities that, because of the world situation and the threat of war, the expenditure of federal funds within the state would be largely confined to the construction and improvement of highways of military importance.

Tables and charts accompanying the chapter on highways are as follows:

Mileage of county roads, by counties, as of January 1, 1940.

Mileage of state highways and federal-aid routes by types of road and by counties as of January 1, 1942.

Chart showing boundaries of highway districts having representation on the state highway advisory board.

Gross expenditures for all highway purposes by counties in 1937 to 1941, inclusive.

Summary of federal participation in Colorado highway operations through the public roads administration in fiscal years 1938 to 1941, inclusive.

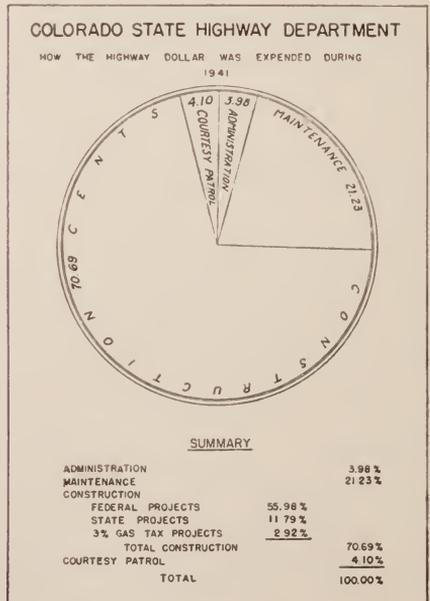
Disbursements for construction, maintenance and administration by state, county and federal agencies from 1924 to 1941, inclusive.

Receipts and expenditures of the state highway department from 1910 to 1942, inclusive.

Receipts of state highway department from the federal government for federal-aid highways and disbursements on federal-aid projects, by years, with percentages.

Balances, receipts and disbursements of all funds of the state highway department in detail from 1935 to 1941, inclusive.

Mountain passes on Colorado highways.



**HIGHWAYS: MILEAGE AND TYPES OF COUNTY AND OTHER LOCAL ROADS  
UNDER THE JURISDICTION OF THE COUNTY COMMISSIONERS  
AS OF JANUARY 1, 1940**

(Source: State Highway Planning Survey)

| COUNTY                    | Paved | Surfaced | Unsurfaced | Total    |
|---------------------------|-------|----------|------------|----------|
| Adams .....               | 0.5   | 18.1     | 1,685.8    | 1,704.4  |
| Alamosa .....             | ...   | 223.7    | 314.3      | 538.0    |
| Arapahoe .....            | ...   | 46.3     | 807.8      | 854.1    |
| Archuleta .....           | ...   | 15.9     | 343.6      | 359.5    |
| Baca .....                | ...   | 61.8     | 2,250.7    | 2,312.5  |
| Bent .....                | ...   | 72.3     | 1,329.6    | 1,401.9  |
| Boulder .....             | ...   | 116.2    | 478.7      | 594.9    |
| Chaffee .....             | ...   | 45.3     | 262.4      | 307.7    |
| Cheyenne .....            | ...   | 35.4     | 1,778.5    | 1,813.9  |
| Clear Creek .....         | ...   | 2.9      | 73.8       | 76.7     |
| Conejos .....             | ...   | 137.3    | 579.2      | 716.5    |
| Costilla .....            | ...   | 18.6     | 472.7      | 491.3    |
| Crowley .....             | ...   | 88.5     | 563.3      | 651.8    |
| Custer .....              | ...   | 22.8     | 305.6      | 328.4    |
| Delta .....               | ...   | 111.5    | 551.4      | 662.9    |
| Denver <sup>1</sup> ..... | ...   | ...      | ...        | ...      |
| Dolores .....             | ...   | 0.1      | 376.3      | 376.4    |
| Douglas .....             | 0.6   | 56.8     | 375.1      | 432.5    |
| Eagle .....               | ...   | 35.6     | 277.7      | 313.3    |
| Elbert .....              | ...   | 71.8     | 1,292.1    | 1,363.9  |
| El Paso .....             | ...   | 236.0    | 1,803.2    | 2,039.2  |
| Fremont .....             | 0.1   | 107.2    | 591.2      | 698.5    |
| Garfield .....            | ...   | 100.4    | 620.6      | 721.0    |
| Gilpin .....              | ...   | 3.5      | 106.5      | 110.0    |
| Grand .....               | ...   | 2.8      | 329.1      | 331.9    |
| Gunnison .....            | ...   | 28.4     | 614.2      | 642.6    |
| Hinsdale .....            | ...   | 4.4      | 77.7       | 82.1     |
| Huerfano .....            | ...   | 22.2     | 933.4      | 955.6    |
| Jackson .....             | ...   | ...      | 304.1      | 304.1    |
| Jefferson .....           | 1.9   | 35.1     | 513.6      | 550.6    |
| Kiowa .....               | ...   | 27.7     | 1,372.9    | 1,400.6  |
| Kit Carson .....          | ...   | 56.8     | 2,884.6    | 2,941.4  |
| Lake .....                | ...   | 11.8     | 108.7      | 120.5    |
| La Plata .....            | ...   | 37.0     | 657.1      | 694.1    |
| Larimer .....             | 1.1   | 444.7    | 833.6      | 1,278.4  |
| Las Animas .....          | 1.6   | 41.0     | 2,352.0    | 2,394.6  |
| Lincoln .....             | ...   | 55.1     | 2,153.7    | 2,208.8  |
| Logan .....               | ...   | 284.0    | 1,899.7    | 2,183.7  |
| Mesa .....                | 0.5   | 121.1    | 950.3      | 1,071.9  |
| Mineral .....             | ...   | 1.5      | 59.7       | 61.2     |
| Moffat .....              | ...   | 37.7     | 1,916.0    | 1,953.7  |
| Montezuma .....           | ...   | 21.8     | 767.8      | 789.6    |
| Montrose .....            | ...   | 166.5    | 857.9      | 1,024.4  |
| Morgan .....              | ...   | 115.5    | 1,430.8    | 1,546.3  |
| Otero .....               | ...   | 239.4    | 794.0      | 1,033.4  |
| Ouray .....               | ...   | 26.4     | 172.2      | 198.6    |
| Park .....                | ...   | 71.6     | 1,057.3    | 1,128.9  |
| Phillips .....            | ...   | 119.4    | 981.3      | 1,100.7  |
| Pitkin .....              | ...   | 23.0     | 112.0      | 135.0    |
| Prowers .....             | ...   | 12.5     | 1,381.2    | 1,393.7  |
| Pueblo .....              | 2.1   | 166.6    | 1,525.9    | 1,694.6  |
| Rio Blanco .....          | ...   | 1.0      | 428.8      | 429.8    |
| Rio Grande .....          | ...   | 148.0    | 381.3      | 529.3    |
| Routt .....               | ...   | 13.9     | 744.5      | 758.4    |
| Saguache .....            | ...   | 79.7     | 706.8      | 786.5    |
| San Juan .....            | ...   | 4.0      | 13.0       | 17.0     |
| San Miguel .....          | ...   | 6.0      | 440.4      | 446.4    |
| Sedgwick .....            | ...   | 186.3    | 466.8      | 653.1    |
| Summit .....              | ...   | ...      | 52.7       | 52.7     |
| Teller .....              | ...   | 70.8     | 150.9      | 221.7    |
| Washington .....          | ...   | 63.5     | 3,428.4    | 3,491.9  |
| Weld .....                | 1.8   | 503.6    | 4,199.6    | 4,703.2  |
| Yuma .....                | ...   | 57.2     | 2,338.8    | 2,396.0  |
| Total, State.....         | 10.2  | 4,936.0  | 57,632.9   | 62,579.1 |

<sup>1</sup>All city streets.

### HIGHWAYS: MILEAGE OF STATE HIGHWAYS AND FEDERAL AID ROUTES IN COLORADO, BY TYPES OF ROAD AND BY COUNTIES, AS OF JANUARY 1, 1942

(Source: State Highway Department)

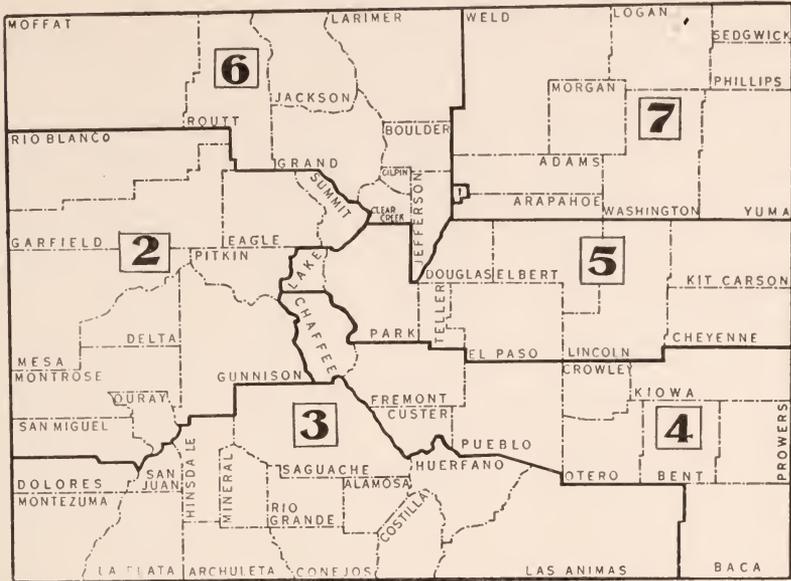
Note.—Total mileage of county highways, not included in this table, as of January 1, 1935, as reported by the United States bureau of public roads, was 65,129. Table giving this mileage by counties will be found on page 333 of the 1937-1938 Year Book. It is omitted here due to changes being made in classification of roads and resurveys by the highway planning survey which have not yet been finished.

| COUNTY       | State Highways (Including Federal Aid) |         |           |         |       |          | Federal Aid                 |               |         |
|--------------|--|---------|-----------|---------|-------|----------|-----------------------------|---------------|---------|
|              | Projected, Primitive and Bladed        | Graded  | Sur-faced | Oiled   | Paved | Total    | Towns Over 2,500 Population | State Highway | Total   |
| Adams        | 11.1                                   | ---     | 46.6      | 89.0    | 28.0  | 174.7    | 2.6                         | 89.4          | 92.0    |
| Alamosa      | 9.9                                    | 8.5     | 93.5      | 35.3    | 1.5   | 148.7    | 1.5                         | 32.3          | 33.8    |
| Arapahoe     | 8.4                                    | 0.7     | 44.8      | 92.2    | 8.1   | 154.2    | 1.0                         | 79.9          | 80.9    |
| Archuleta    | 12.4                                   | 1.4     | 50.0      | 66.5    | ---   | 130.3    | ---                         | 75.2          | 75.2    |
| Baca         | 23.2                                   | 68.2    | 157.0     | 48.3    | 0.8   | 297.5    | ---                         | 47.2          | 47.2    |
| Bent         | 2.0                                    | 15.8    | 35.5      | 25.3    | 16.0  | 94.6     | 1.4                         | 36.5          | 37.9    |
| Boulder      | 0.8                                    | 4.1     | 75.4      | 85.0    | 37.5  | 202.8    | 1.9                         | 33.1          | 35.0    |
| Chaffee      | ---                                    | ---     | 19.1      | 96.8    | 1.4   | 117.3    | 2.2                         | 95.7          | 97.9    |
| Cheyenne     | 8.0                                    | 8.9     | 73.7      | 75.7    | ---   | 166.3    | ---                         | 75.2          | 75.2    |
| Clear Creek  | 24.4                                   | 13.9    | 25.2      | 72.1    | 1.8   | 137.4    | ---                         | 51.3          | 51.3    |
| Conejos      | ---                                    | 8.3     | 125.2     | 32.5    | ---   | 166.0    | ---                         | 61.0          | 61.0    |
| Costilla     | 5.9                                    | 2.1     | 87.8      | 64.5    | ---   | 160.3    | ---                         | 64.5          | 64.5    |
| Crowley      | 4.0                                    | 4.2     | 49.1      | 28.3    | ---   | 85.6     | ---                         | ---           | ---     |
| Custer       | 15.8                                   | 2.5     | 106.0     | 0.5     | ---   | 124.8    | ---                         | ---           | ---     |
| Delta        | 3.1                                    | 21.7    | 79.9      | 65.4    | 1.2   | 171.3    | 1.0                         | 25.0          | 26.0    |
| Denver       | 0.3                                    | ---     | 2.9       | 36.2    | 33.5  | 72.9     | 36.1                        | ---           | 36.1    |
| Dolores      | ---                                    | 48.2    | 19.7      | 20.0    | ---   | 87.9     | ---                         | 20.0          | 20.0    |
| Douglas      | 23.8                                   | 7.3     | 125.0     | 10.6    | 35.8  | 202.5    | ---                         | 68.8          | 68.8    |
| Eagle        | 46.0                                   | 12.8    | 54.1      | 94.0    | ---   | 206.9    | ---                         | 110.5         | 110.5   |
| Elbert       | 18.4                                   | 6.9     | 82.6      | 53.9    | ---   | 161.8    | ---                         | 53.9          | 53.9    |
| El Paso      | 27.2                                   | 2.8     | 167.4     | 110.2   | 57.8  | 365.4    | 9.0                         | 131.0         | 140.0   |
| Fremont      | 18.6                                   | 39.2    | 87.7      | 84.6    | 5.2   | 235.3    | 3.9                         | 68.9          | 72.8    |
| Garfield     | 34.9                                   | 5.8     | 39.7      | 101.6   | 1.6   | 183.6    | ---                         | 83.6          | 83.6    |
| Gilpin       | 12.8                                   | 1.0     | 23.9      | 22.1    | ---   | 59.8     | ---                         | ---           | ---     |
| Grand        | 36.5                                   | 7.9     | 74.6      | 118.8   | ---   | 237.8    | ---                         | 141.8         | 141.8   |
| Gunnison     | 119.0                                  | 68.8    | 94.4      | 73.2    | ---   | 355.4    | ---                         | 75.3          | 75.3    |
| Hinsdale     | 4.2                                    | 20.5    | 32.6      | ---     | ---   | 57.3     | ---                         | ---           | ---     |
| Huerfano     | 18.9                                   | 26.9    | 100.2     | 61.5    | 2.3   | 209.8    | 2.1                         | 56.4          | 58.5    |
| Jackson      | ---                                    | 11.1    | 130.8     | 34.6    | ---   | 176.5    | ---                         | 3.8           | 3.8     |
| Jefferson    | 40.2                                   | 9.7     | 132.6     | 125.7   | 22.6  | 330.8    | ---                         | 56.8          | 56.8    |
| Kiowa        | 2.9                                    | 12.0    | 81.8      | 88.2    | ---   | 184.9    | ---                         | 26.6          | 26.6    |
| Kit Carson   | 14.3                                   | 7.6     | 147.1     | 62.8    | 0.9   | 232.7    | ---                         | 60.3          | 60.3    |
| Lake         | 5.0                                    | 1.6     | 49.3      | 38.5    | 1.5   | 95.9     | 1.5                         | 37.7          | 39.2    |
| La Plata     | ---                                    | ---     | 69.5      | 98.9    | 2.8   | 171.2    | 3.0                         | 96.6          | 99.6    |
| Larimer      | 9.5                                    | ---     | 143.1     | 168.2   | 30.5  | 351.3    | 4.5                         | 172.4         | 176.9   |
| Las Animas   | 36.2                                   | 33.1    | 151.7     | 100.2   | 23.2  | 344.4    | 2.8                         | 83.2          | 86.0    |
| Lincoln      | 47.5                                   | 68.9    | 208.7     | 75.6    | 1.0   | 401.7    | ---                         | 67.3          | 67.3    |
| Logan        | ---                                    | ---     | 116.6     | 48.4    | 54.2  | 219.2    | 1.8                         | 99.6          | 101.4   |
| Mesa         | 43.2                                   | 68.9    | 67.6      | 99.7    | 9.6   | 289.0    | 1.9                         | 92.7          | 94.6    |
| Mineral      | 14.4                                   | ---     | 56.2      | 9.6     | ---   | 80.2     | ---                         | 25.2          | 25.2    |
| Moffat       | ---                                    | 35.4    | 21.5      | 169.5   | 1.1   | 227.5    | ---                         | 168.9         | 168.9   |
| Monteruma    | ---                                    | 55.8    | 44.4      | 84.3    | ---   | 184.5    | ---                         | 73.7          | 73.7    |
| Montrose     | 56.2                                   | 50.9    | 135.6     | 51.6    | 2.6   | 296.9    | 2.1                         | 62.9          | 65.0    |
| Morgan       | 3.3                                    | 6.0     | 104.8     | 19.3    | 36.7  | 170.1    | 1.1                         | 45.1          | 46.2    |
| Otero        | 0.8                                    | 1.0     | 77.3      | 51.4    | 32.0  | 162.5    | 2.9                         | 72.0          | 74.9    |
| Ouray        | 2.9                                    | 1.0     | 34.5      | 25.1    | 0.5   | 64.0     | ---                         | 49.0          | 49.0    |
| Park         | 36.1                                   | ---     | 89.0      | 123.7   | ---   | 248.8    | ---                         | 122.4         | 122.4   |
| Phillips     | ---                                    | ---     | 82.8      | 43.7    | 0.4   | 126.9    | ---                         | 32.9          | 32.9    |
| Pitkin       | 19.4                                   | 6.2     | 65.8      | 18.5    | ---   | 109.9    | ---                         | ---           | ---     |
| Prowers      | 10.6                                   | 15.0    | 139.0     | 67.8    | 8.8   | 241.2    | 1.8                         | 81.5          | 83.3    |
| Pueblo       | 1.3                                    | 1.8     | 124.7     | 111.9   | 51.8  | 291.5    | 6.4                         | 95.7          | 102.1   |
| Rio Blanco   | 85.4                                   | 117.0   | 51.8      | 27.3    | ---   | 281.5    | ---                         | 41.6          | 41.6    |
| Rio Grande   | ---                                    | ---     | 50.2      | 60.0    | 3.5   | 113.7    | 1.5                         | 52.4          | 53.9    |
| Routt        | 29.6                                   | 80.6    | 64.8      | 77.8    | 1.5   | 254.3    | ---                         | 57.2          | 57.2    |
| Saguache     | ---                                    | 5.5     | 142.4     | 69.0    | ---   | 216.9    | ---                         | 66.4          | 66.4    |
| San Juan     | 6.4                                    | ---     | 50.8      | 2.2     | ---   | 59.4     | ---                         | 34.0          | 34.0    |
| San Miguel   | 26.2                                   | 59.4    | 66.4      | 20.3    | ---   | 172.3    | ---                         | 32.7          | 32.7    |
| Sedgwick     | ---                                    | ---     | 68.8      | 10.0    | 24.1  | 102.9    | ---                         | 23.8          | 23.8    |
| Summit       | 19.0                                   | ---     | 76.5      | 22.4    | ---   | 117.9    | ---                         | 61.2          | 61.2    |
| Teller       | 18.2                                   | 10.4    | 77.3      | 37.3    | ---   | 143.2    | ---                         | 21.0          | 21.0    |
| Washington   | 15.0                                   | 16.5    | 226.8     | 57.9    | 7.4   | 323.6    | ---                         | 58.6          | 58.6    |
| Weld         | 5.5                                    | 2.5     | 200.6     | 245.2   | 74.0  | 527.8    | 4.7                         | 179.0         | 183.7   |
| Yuma         | 19.4                                   | 13.5    | 221.8     | 51.2    | 0.4   | 306.3    | ---                         | 45.9          | 45.9    |
| Total, state | 1,058.1                                | 1,099.8 | 5,546.2   | 4,061.9 | 623.6 | 12,389.6 | 98.7                        | 3,876.6       | 3,975.3 |

<sup>1</sup>Subsequent to January 1, 1940 the Supreme Court ruled that federal aid highways in towns of more than 2,500 population are part of the state highway system.

<sup>2</sup>Included in total for the state.

**CHART SHOWING BOUNDARIES OF THE HIGHWAY DISTRICTS HAVING REPRESENTATION ON THE ADVISORY BOARD**



**HIGHWAYS: TOTAL DISBURSEMENTS FOR CONSTRUCTION, MAINTENANCE, ADMINISTRATION, ETC., BY SPECIFIED AGENCIES IN COLORADO, BY YEARS**

| YEAR       | State (Including Federal Aid) | Counties      | Forest Service* | National Park Service* | Total         |
|------------|-------------------------------|---------------|-----------------|------------------------|---------------|
| 1924.....  | \$ 5,664,567                  | \$ 5,432,820  | \$ 441,417      | \$ 33,196              | \$ 11,572,000 |
| 1925.....  | 4,587,089                     | 4,954,769     | 393,785         | 74,284                 | 10,009,927    |
| 1926.....  | 4,809,052                     | 4,847,531     | 591,596         | 145,392                | 10,393,571    |
| 1927.....  | 4,164,804                     | 4,878,509     | 140,832         | 169,229                | 9,353,374     |
| 1928.....  | 5,916,002                     | 5,939,162     | 647,254         | 116,963                | 12,619,381    |
| 1929.....  | 5,769,234                     | 5,370,214     | 467,595         | 304,307                | 11,911,350    |
| 1930.....  | 7,099,271                     | 5,946,793     | 419,564         | 150,308                | 13,615,936    |
| 1931.....  | 10,128,143                    | 5,802,630     | 745,315         | 1,096,829              | 17,772,917    |
| 1932.....  | 6,307,198                     | 4,530,101     | 1,064,383       | 376,745                | 12,278,427    |
| 1933.....  | 7,765,276                     | 3,449,362     | 852,306         | 405,217                | 12,472,161    |
| 1934.....  | 10,369,110                    | 3,456,644     | 1,258,593       | 594,429                | 15,678,776    |
| 1935.....  | 7,619,147                     | 3,652,743     | 1,550,450       | 446,368                | 13,268,708    |
| 1936.....  | 16,103,309                    | 4,780,614     | 699,550         | 604,059                | 22,187,532    |
| 1937.....  | 22,063,271                    | †5,904,259    | 596,794         | 525,792                | 29,090,116    |
| 1938.....  | 16,991,453                    | †6,163,527    | 1,363,599       | 409,629                | 24,928,208    |
| 1939.....  | 12,212,728                    | †5,522,302    | 1,160,348       | 412,890                | 19,308,268    |
| 1940.....  | 7,987,867                     | 6,515,413     | 744,030         | 114,108                | 15,361,418    |
| 1941.....  | 7,973,165                     | 6,700,202     | 697,247         | 115,141                | 15,485,755    |
| Total..... | \$163,530,686                 | \$ 93,847,595 | \$ 13,834,658   | \$ 6,094,886           | \$277,307,825 |

\*Fiscal years ending June 30.

†Exclusive of Costilla, San Juan and Teller counties in 1939. 1938 and 1937 and Elbert County in 1939.

**HIGHWAYS: GROSS EXPENDITURES BY COUNTIES FOR ALL HIGHWAY PURPOSES, INCLUDING 3 PER CENT SPECIAL FUND, FOR 1941, 1940, 1939, 1938 AND 1937**

(Source: County Treasurers)

|                   | 1941           | 1940           | 1939           | 1938           | 1937           |
|-------------------|----------------|----------------|----------------|----------------|----------------|
| Adams .....       | \$ 122,259.43  | \$ 116,642.68  | \$ 107,798.29  | \$ 102,927.47  | \$ 93,941.75   |
| Alamosa .....     | 39,215.40      | 43,094.88      | 49,307.62      | 46,358.61      | 69,068.16      |
| Arapahoe .....    | 94,914.28      | 108,962.34     | 82,336.04      | 82,523.41      | 76,337.67      |
| Archuleta .....   | 35,114.86      | 33,859.85      | 30,544.84      | 31,034.04      | 23,216.08      |
| Baca .....        | 50,640.86      | 81,557.96      | 70,871.82      | 87,291.13      | 82,699.41      |
| Bent .....        | 42,419.36      | 35,061.41      | 36,518.28      | 40,485.48      | 43,531.29      |
| Boulder .....     | 213,999.33     | 200,564.11     | 110,399.95     | 234,684.01     | 197,639.44     |
| Chaffee .....     | 36,891.18      | 38,382.82      | 41,471.69      | 36,133.09      | 37,065.16      |
| Cheyenne .....    | 51,788.57      | 44,958.52      | 45,438.16      | 53,125.17      | 68,783.56      |
| Clear Creek ..... | 40,219.71      | 47,750.47      | 51,545.67      | 43,286.64      | 50,095.49      |
| Conejos .....     | 44,327.71      | 50,199.08      | 57,123.38      | 48,985.96      | 40,853.88      |
| Costilla .....    | 42,756.28      | 42,392.34      | (1)            | (1)            | (1)            |
| Crowley .....     | 45,189.43      | 35,535.04      | 28,195.91      | 37,462.84      | 30,582.74      |
| Custer .....      | 37,686.07      | 36,954.67      | 27,299.57      | 34,288.91      | 45,247.79      |
| Delta .....       | 106,321.23     | 114,866.12     | 115,690.40     | 116,086.24     | 113,728.62     |
| Denver .....      | 1,570,678.53   | 1,334,914.80   | 827,350.00     | 741,429.00     | 679,864.00     |
| Dolores .....     | 27,602.17      | 28,012.05      | 31,307.20      | 37,409.05      | 31,876.66      |
| Douglas .....     | 58,818.84      | 82,259.89      | 66,848.81      | 60,610.50      | 46,420.11      |
| Eagle .....       | 63,512.77      | 74,405.55      | 60,262.96      | 85,645.46      | 62,539.23      |
| Elbert .....      | 72,230.06      | 70,940.44      | (1)            | 67,743.84      | 76,284.78      |
| El Paso .....     | 258,213.67     | 254,465.07     | 255,136.68     | 351,432.16     | 252,718.52     |
| Fremont .....     | 95,967.20      | 87,178.55      | 97,490.45      | 95,857.08      | 86,480.31      |
| Garfield .....    | 76,101.11      | 77,139.13      | 87,694.29      | 82,971.36      | 98,953.30      |
| Gilpin .....      | 20,035.93      | 24,316.54      | 26,022.12      | 31,287.52      | 16,020.71      |
| Grand .....       | 67,959.14      | 71,428.30      | 69,539.08      | 53,689.66      | 59,926.96      |
| Gunnison .....    | 136,631.30     | 142,976.70     | 115,481.51     | 136,553.60     | 175,141.52     |
| Hinsdale .....    | 16,771.00      | 15,060.39      | 14,260.60      | 19,571.17      | 23,133.85      |
| Huerfano .....    | 81,204.98      | 146,515.29     | 126,947.62     | 102,498.81     | 74,136.05      |
| Jackson .....     | 64,990.35      | 65,597.95      | 54,597.61      | 105,109.77     | 137,501.96     |
| Jefferson .....   | 247,142.35     | 257,967.80     | 223,938.37     | 268,833.14     | 250,050.44     |
| Kiowa .....       | 53,694.01      | 56,004.33      | 51,159.86      | 62,477.18      | 46,554.93      |
| Kit Carson .....  | 75,434.76      | 65,022.39      | 72,579.80      | 86,926.77      | 94,594.84      |
| Lake .....        | 39,950.72      | 24,739.54      | 32,853.22      | 28,963.21      | 27,562.78      |
| La Plata .....    | 91,979.76      | 104,038.10     | 95,090.29      | 94,755.80      | 104,503.62     |
| Larimer .....     | 191,655.41     | 187,411.16     | 212,486.15     | 229,816.83     | 197,522.82     |
| Las Animas .....  | 143,455.40     | 100,435.82     | 140,090.43     | 219,996.17     | 229,999.43     |
| Lincoln .....     | 90,262.09      | 102,851.00     | 72,614.12      | 91,892.25      | 96,182.34      |
| Logan .....       | 84,721.29      | 86,508.41      | 92,116.41      | 88,702.59      | 81,767.11      |
| Mesa .....        | 184,026.56     | 176,364.34     | 157,903.14     | 179,299.48     | 160,566.07     |
| Mineral .....     | 16,561.11      | 11,285.14      | 25,638.17      | 38,249.59      | 42,936.76      |
| Moffat .....      | 70,060.28      | 70,624.56      | 55,814.93      | 73,451.77      | 80,026.90      |
| Montezuma .....   | 73,226.46      | 72,837.51      | 66,625.40      | 64,490.57      | 66,936.48      |
| Montrose .....    | 108,875.35     | 109,047.78     | 105,086.25     | 144,485.57     | 109,211.63     |
| Morgan .....      | 97,462.05      | 101,394.80     | 100,837.21     | 82,711.37      | 92,805.01      |
| Otero .....       | 107,059.29     | 106,000.53     | 91,317.36      | 90,020.82      | 82,916.63      |
| Ouray .....       | 22,829.87      | 25,677.95      | 23,632.68      | 25,445.37      | 26,606.21      |
| Park .....        | 64,825.76      | 63,409.03      | 50,323.01      | 52,810.43      | 41,502.86      |
| Phillips .....    | 46,236.34      | 40,749.12      | 39,093.34      | 42,458.40      | 50,732.49      |
| Pitkin .....      | 34,363.97      | 30,684.85      | 37,041.64      | 31,742.81      | 33,152.27      |
| Prowers .....     | 65,791.95      | 74,484.07      | 88,403.34      | 81,106.67      | 87,654.79      |
| Pueblo .....      | 150,178.70     | 149,785.84     | 114,759.07     | 118,395.22     | 111,844.95     |
| Río Blanco .....  | 72,463.67      | 66,227.38      | 64,437.56      | 65,438.51      | 59,717.54      |
| Río Grande .....  | 71,078.46      | 46,069.93      | 55,132.88      | 56,373.51      | 61,092.00      |
| Routt .....       | 104,331.96     | 110,077.94     | 102,375.39     | 107,949.53     | 79,846.93      |
| Saguache .....    | 69,950.42      | 59,611.90      | 59,352.31      | 58,896.81      | 48,625.20      |
| San Juan .....    | 19,574.05      | 20,231.23      | (1)            | (1)            | (1)            |
| San Miguel .....  | 60,961.78      | 43,102.13      | 46,349.64      | 64,022.16      | 47,213.66      |
| Sedgwick .....    | 40,204.17      | 36,948.38      | 31,899.60      | 39,855.19      | 63,807.93      |
| Summit .....      | 28,464.13      | 26,813.21      | 21,979.08      | 84,602.71      | 111,910.33     |
| Teller .....      | 41,463.92      | 61,418.62      | (1)            | (1)            | (1)            |
| Washington .....  | 77,367.67      | 92,051.22      | 85,979.19      | 104,399.72     | 93,032.45      |
| Weld .....        | 325,126.95     | 326,789.39     | 317,336.76     | 323,835.40     | 296,234.10     |
| Yuma .....        | 114,960.94     | 102,754.48     | 100,574.76     | 94,637.43      | 133,358.26     |
| State .....       | \$6,700,202.35 | \$6,515,412.82 | \$5,522,301.91 | \$6,163,525.76 | \$5,904,258.76 |

¹No report

**HIGHWAYS: SUMMARY OF FEDERAL PARTICIPATION IN COLORADO HIGHWAY OPERATIONS THROUGH THE PUBLIC ROADS ADMINISTRATION, BY FISCAL YEARS ENDING JUNE 30**

(Source: Federal Works Agency)

Note.—These data do not include federal funds used in construction in national forests, national parks or other federal reservations.

|  | 1941        | 1940        | 1939        | 1938        |
|--|-------------|-------------|-------------|-------------|
| Federal funds paid to state during fiscal year:                                    |             |             |             |             |
| Regular federal-aid program:   |             |             |             |             |
| Highways .....   | \$1,578,076 | \$2,172,462 | \$2,692,768 | \$2,014,022 |
| Secondary roads .....  | 195,465     | 528,101     | (1)         | (1)         |
| Grade Crossings .....  | 285,675     | 393,245     | (1)         | (1)         |
| Works program:   |             |             |             |             |
| Highways .....   | 173,351     | 343,518     | 912,482     | 193,478     |
| Grade Crossings .....  | 72,716      | 66,738      | 642,251     | 761,122     |
| Public Works (1934-35) .....   |             |             | 12,571      | 22,933      |
| Total .....  | \$2,305,283 | \$3,504,064 | \$4,260,072 | \$2,991,555 |
| Projects completed during fiscal year:   |             |             |             |             |
| Estimated total cost .....   | \$3,538,434 | \$6,903,305 | \$5,922,942 | \$4,718,635 |
| PRA participation in:  |             |             |             |             |
| Regular federal-aid program:   |             |             |             |             |
| Highways .....   | 1,532,734   | 2,327,858   | 2,633,015   | 2,005,353   |
| Secondary roads .....  | 198,516     | 568,158     | (1)         | (1)         |
| Grade Crossings .....  | 299,792     | 626,889     | (1)         | (1)         |
| Works program:   |             |             |             |             |
| Highways .....   |             | 768,645     | 681,639     |             |
| Grade Crossings .....  | 61,658      | 7,316       | 371,564     | 996,247     |
| Public Works (1934-35) .....   |             |             |             | 11,000      |
| Total PRA .....  | \$2,092,700 | \$4,298,866 | \$3,686,218 | \$3,012,600 |
| Projects approved but uncompleted at end of fiscal year:                           |             |             |             |             |
| Estimated cost .....   | \$4,309,207 | \$3,256,099 | \$7,221,400 | \$4,784,436 |
| PRA participation in:  |             |             |             |             |
| Regular federal-aid program:   |             |             |             |             |
| Highways .....   | \$1,896,820 | \$1,495,131 | \$3,307,224 | \$2,122,632 |
| Secondary roads .....  | 89,763      | 98,041      | (1)         | (1)         |
| Grade Crossings .....  | 543,136     | 280,501     | (1)         | (1)         |
| Works program:   |             |             |             |             |
| Highways .....   | 213,015     |             | 640,020     | 599,182     |
| Grade Crossings .....  |             | 66,964      | 7,316       | 355,944     |
| Total PRA .....  | \$2,742,734 | \$1,940,637 | \$3,954,560 | \$3,077,758 |
| Balance of federal funds available to state for programmed projects as of June 30: |             |             |             |             |
| Regular federal-aid program:   |             |             |             |             |
| Highways .....   | \$2,690,469 | \$2,858,687 | \$3,331,585 | \$4,800,033 |
| Secondary roads .....  | 310,021     | 192,177     | (1)         | (1)         |
| Grade Crossings .....  | 619,695     | 922,522     | (1)         | (1)         |
| Works program:   |             |             |             |             |
| Highways .....   |             | 179,907     | 283,622     | 999,932     |
| Grade Crossings .....  | 53          |             | 54,000      | 32,161      |
| Public Works (1934-35) .....   |             |             |             | 11,371      |
| Total available .....  | \$3,620,238 | \$4,153,293 | \$3,669,207 | \$5,843,497 |
| Mileage of designated federal-aid highway system as of June 30:                    |             |             |             |             |
| Routes outside federal reservations..  | 3,439       | 3,277       |             |             |
| Routes within federal reservations..   | 515         | 515         |             |             |
| Total system (miles) .....   | 3,954       | 3,792       |             |             |
| Mileage completed during fiscal year:  |             |             |             |             |
| Regular federal-aid program:   |             |             |             |             |
| Highways .....   | 220.0       | 99.7        | 204.2       | 135.2       |
| Secondary roads .....  | 17.7        | 38.0        | (1)         | (1)         |
| Grade Crossings .....  | .3          | 2.3         | (1)         | (1)         |
| Works program:   |             |             |             |             |
| Highways .....   |             | 10.2        | 8.9         |             |
| Grade Crossings .....  | .4          |             | .3          | 2.6         |
| Total .....  | 238.4       | 150.2       | 213.4       | 137.8       |
| Mileage approved but uncompleted June 30:  |             |             |             |             |
| Regular federal-aid program:   |             |             |             |             |
| Highways .....   | 164.9       | 92.4        | 124.4       | 125.4       |
| Secondary roads .....  | 22.6        | 1.9         | (1)         | (1)         |
| Grade crossings .....  | 1.9         | 0.2         | (1)         | (1)         |
| Works program:   |             |             |             |             |
| Highways .....   | .5          |             | 6.4         | 8.8         |
| Grade crossings .....  |             | .6          |             | .4          |
| Total .....  | 189.9       | 95.1        | 130.8       | 134.6       |

<sup>1</sup>Included under "highways."

**HIGHWAYS: RECEIPTS AND EXPENDITURES OF THE STATE HIGHWAY DEPARTMENT,  
BY YEARS, FROM 1910 TO 1941, INCLUSIVE**

(Source: State Highway Department)

| YEAR                              | Receipts      | Disbursements      |                   |                |               | Balance      |
|-----------------------------------|---------------|--------------------|-------------------|----------------|---------------|--------------|
|                                   |               | Admin-<br>stration | Con-<br>struction | All<br>Others* | Total         |              |
| 1910 to 1929 in-<br>clusive ----- | \$ 57,506,334 | \$ 1,592,529       | \$ 44,991,220     | \$ 9,592,447   | \$ 56,176,196 | \$ 1,330,136 |
| 1930-----                         | 6,674,898     | 172,947            | 5,045,290         | 1,831,033      | 7,099,270     | 905,764      |
| 1931-----                         | 9,285,221     | 196,139            | 8,130,794         | 1,801,211      | 10,128,144    | 62,841       |
| 1932-----                         | 6,159,451     | 200,128            | 4,293,579         | 1,813,491      | 6,307,198     | —84,906      |
| 1933-----                         | 8,069,219     | 203,309            | 6,109,471         | 1,452,496      | 7,765,276     | 219,036      |
| 1934-----                         | 10,445,790    | 218,757            | 8,299,426         | 1,850,927      | 10,369,110    | 295,717      |
| 1935-----                         | 8,239,509     | 233,642            | 5,354,388         | 2,031,117      | 7,619,147     | 916,079      |
| 1936-----                         | 36,095,248    | 273,368            | 12,478,746        | 3,351,196      | 16,103,310    | 20,710,519   |
| 1937-----                         | 11,398,079    | 330,795            | 18,817,933        | 2,914,543      | 22,063,271    | 9,325,327    |
| 1938-----                         | 11,624,090    | 358,938            | 13,728,271        | 2,904,245      | 16,991,454    | 2,509,962    |
| 1939-----                         | 12,968,482    | 360,504            | 9,499,516         | 2,352,707      | 12,212,727    | 1,302,618    |
| 1940-----                         | 9,975,632     | 336,998            | 5,623,392         | 2,027,477      | 7,987,867     | 1,325,883    |
| 1941-----                         | 10,115,231    | 326,823            | 5,342,951         | 2,303,391      | 7,973,165     | 1,499,594    |
| Total -----                       | \$198,557,184 | \$ 4,804,877       | \$147,714,977     | \$ 36,276,281  | \$188,796,135 | -----        |

\*Includes maintenance, equipment, supplies, property and miscellaneous.

**HIGHWAYS: RECEIPTS OF STATE HIGHWAY DEPARTMENT FROM THE  
FEDERAL GOVERNMENT FOR FEDERAL-AID HIGHWAYS AND DIS-  
BURSEMENTS ON FEDERAL-AID PROJECTS, BY YEARS, WITH  
PERCENTAGES OF TOTAL RECEIPTS AND DISBURSEMENTS**

| YEAR        | RECEIPTS     |         | EXPENDITURES |         |
|-------------|--------------|---------|--------------|---------|
|             | Amount       | Per Ct. |              | Per Ct. |
| 1927.....   | \$ 1,148,156 | 30.0    | \$ 2,522,026 | 60.6    |
| 1928.....   | 1,730,450    | 32.1    | 3,650,829    | 61.7    |
| 1929.....   | 1,879,435    | 30.0    | 3,218,109    | 55.8    |
| 1930.....   | 2,298,636    | 34.4    | 4,343,773    | 61.2    |
| 1931.....   | 4,793,420    | 51.6    | 7,213,340    | 71.2    |
| 1932.....   | 2,102,812    | 34.1    | 3,467,475    | 55.0    |
| 1933.....   | 4,259,993    | 52.8    | 5,298,909    | 68.2    |
| 1934.....   | 6,442,322    | 61.7    | 6,851,459    | 66.1    |
| 1935.....   | 3,761,500    | 45.7    | 4,558,255    | 59.8    |
| 1936.....   | 4,956,328    | 13.7    | 7,836,309    | 48.7    |
| 1937.....   | 4,519,279    | 39.6    | 4,889,431    | 22.2    |
| 1938.....   | 4,819,926    | 41.5    | 6,233,560    | 37.0    |
| 1939.....   | 5,854,472    | 45.1    | 6,338,852    | 56.0    |
| 1940.....   | 2,554,159    | 25.6    | 4,579,445    | 57.2    |
| 1941.....   | 2,290,609    | 22.6    | 4,414,439    | 55.4    |
| Total ..... | \$53,411,497 | 34.1    | \$75,966,211 | 51.2    |

**MOUNTAIN PASSES ON COLORADO HIGHWAYS: NAME, LOCATION AND ELEVATION**

(Source: State Highway Department)

Note—This list includes the passes best known to travelers on main highway routes. There are many others which are lower in elevation and less notable.

| Pass                     | County                | Elevation | Highway                             | Season                                   |
|--------------------------|-----------------------|-----------|-------------------------------------|--|
| Berthoud                 | Clear Creek, Grand    | 11,314    | U. S. 40                            | Open year round.                         |
| Cameron                  | Larimer, Jackson      | 10,285    | State Highway 14                    | Closed in winter.                        |
| Cochetopa                | Saguache              | 10,032    | State Highway 114                   | Closed in winter.                        |
| Cumbres                  | Conejos               | 10,025    | U. S. 285                           | Closed in winter.                        |
| Fall River               | Larimer               | 11,797    | U. S. 34                            | Closed in winter.                        |
| Fremont                  | Lake, Summit          | 11,318    | State Highway 91                    | Open year round.                         |
| Hoosier                  | Park, Summit          | 11,541    | State Highway 9                     | Open year round.                         |
| Independence             | Lake, Pitkin          | 12,095    | State Highway 82                    | Closed in winter.                        |
| Kebler                   | Gunnison              | 10,000    | State Highway 135                   | Closed in winter.                        |
| Kenosha                  | Park                  | 10,001    | U. S. 285                           | Open year round.                         |
| La Veta                  | Costilla              | 9,382     | U. S. 160                           | Open year round.                         |
| Lizard Head              | Dolores, San Miguel   | 10,000    | State Highway 145                   | Closed in winter.                        |
| Loveland                 | Summit                | 11,992    | U. S. 6                             | Temporarily closed during winter storms. |
| Milner                   | Grand, Larimer        | 10,759    | U. S. 34 in Rocky Mt. National Park | Closed in winter.                        |
| Molas Lake               | San Juan              | 10,000    | U. S. 550                           | Open year round.                         |
| Monarch                  | Chaffee, Gunnison     | 11,312    | U. S. 50                            | Open year round.                         |
| Poncha                   | Chaffee, Saguache     | 9,010     | U. S. 285                           | Open year round.                         |
| Rabbit Ears              | Jackson, Routt, Grand | 9,680     | U. S. 40                            | Open year round.                         |
| Raton                    | Las Animas            | 7,834     | U. S. 85 and 87                     | Open year round.                         |
| Red Mountain             | Ouray, San Juan       | 11,018    | U. S. 550                           | Temporarily closed during winter storms. |
| Slumgullion              | Hinsdale              | 11,361    | State Highway 149                   | Closed in winter.                        |
| Spring Creek             | Hinsdale              | 10,901    | State Highway 149                   | Closed in winter.                        |
| Tennessee                | Lake, Eagle           | 10,424    | U. S. 24                            | Open year round.                         |
| Trail Ridge (high point) | Larimer               | 12,183    | U. S. 34                            | Closed in winter.                        |
| Trout Creek              | Park, Chaffee         | 9,346     | U. S. 24 and 285                    | Open year round.                         |
| Vail                     | Summit, Eagle         | 10,603    | U. S. 6                             | Open year round.                         |
| Wilkinson                | Park                  | 9,525     | U. S. 24                            | Open year round.                         |
| Willow Creek             | Jackson, Grand        | 9,683     | State Highway 125                   | Closed in winter.                        |
| Wolf Creek               | Mineral, Archuleta    | 10,850    | U. S. 160                           | Open year round.                         |

**HIGHWAYS: RECEIPTS, DISBURSEMENTS AND BALANCES OF ALL FUNDS OF THE STATE HIGHWAY DEPARTMENT BY SPECIFIED CALENDAR YEARS**

(Source: State Highway Department)

Note.—The receipts, disbursements and balances for the 3 per cent special gas tax fund are shown separately in the following table. In order to arrive at a grand total for all funds, they should be added to the other totals.

|   | 1941            | 1940            | 1939            | 1938            | 1937             | 1936            | 1935            |
|---|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|
| <b>BALANCES:</b>  |                 |                 |                 |                 |                  |                 |                 |
| State Highway fund.....                                 | \$ 1,316,883.21 | \$ 1,268,117.90 | \$ 2,178,703.74 | \$ 4,888,014.38 | \$ 4,122,043.22  | \$ 863,046.06   | \$ 285,883.29   |
| Revolving fund.....                                     | 9,500.00        | 9,500.00        | 9,500.00        | 9,500.00        | 9,500.00         | 9,500.00        | 9,500.00        |
| Payroll .....   |                 | 25,000.00       | 25,000.00       | 25,000.00       | 25,000.00        | 25,000.00       | .....           |
| Supplementary fund.....                                 |                 |                 | 296,759.36      | 4,402,812.23    | 16,553,975.52    | 18,533.42       | 333.42          |
| Total balances.....                                     | \$ 1,325,883.21 | \$ 1,302,617.90 | \$ 2,509,963.10 | \$ 9,325,326.61 | \$ 20,710,518.74 | \$ 916,079.48   | \$ 295,716.71   |
| <b>RECEIPTS:</b>  |                 |                 |                 |                 |                  |                 |                 |
| Gasoline tax.....                                       | \$ 5,918,850.00 | \$ 5,693,415.00 | \$ 5,356,820.00 | \$ 5,164,019.15 | \$ 5,114,700.00  | \$ 4,714,000.00 | \$ 4,138,350.00 |
| Motor vehicle license fees and fines.....               | 1,179,862.36    | 1,120,012.21    | 1,061,541.02    | 1,048,785.73    | 1,050,940.20     | 921,389.52      | 72,244.92       |
| U. S. Government federal aid and grants.....            | 2,290,608.86    | 2,554,158.88    | 5,854,471.80    | 4,819,926.36    | 4,519,279.38     | 4,956,328.36    | 3,761,499.79    |
| Internal improvements.....                              | 28,650.00       | 41,610.00       | 30,300.00       | 37,400.00       | 81,400.00        | 50,800.00       | 28,200.00       |
| Counties' participation.....                            | (1)             | (1)             | 32,870.91       | 39,459.19       | 69,714.84        | 10,242.16       | 6,167.20        |
| Bus, commercial and private carriers.....               | 399,539.57      | 294,592.88      | 375,482.56      | 258,864.48      | 282,224.53       | 260,858.60      | 141,314.55      |
| Bond sale and premiums.....                             |                 |                 | .....           | .....           | .....            | 25,101,276.60   | .....           |
| Auto theft and auto title receipts.....                 | 19,860.50       | 35,026.00       | 26,916.50       | 68,520.00       | 15,224.48        | .....           | .....           |
| Refunds and miscellaneous.....                          | 277,859.27      | 236,817.03      | 170,079.87      | 187,115.05      | 264,595.93       | 80,352.92       | 91,733.44       |
| Total receipts.....                                     | \$10,115,230.56 | \$ 9,975,632.00 | \$12,968,482.66 | \$11,624,089.96 | \$11,398,079.36  | \$36,095,248.16 | \$ 8,239,509.90 |
| Less interest and redemption anticipation warrants..... |                 | 1,964,500.00    | 1,963,100.00    | 1,448,000.00    | 720,000.00       | 197,500.00      | .....           |
| Less quarterly deductions Atty. Gen. office .....       | 1,800.00        | .....           | .....           | .....           | .....            | .....           | .....           |
| Net receipts.....                                       | \$ 8,146,830.56 | \$ 8,011,132.00 | \$11,005,382.66 | \$10,176,089.96 | \$10,678,079.36  | \$35,897,748.16 | \$ 8,239,509.90 |
| Total receipts and balances.....                        | \$ 9,472,713.77 | \$ 9,313,749.90 | \$13,515,345.76 | \$19,501,416.57 | \$31,388,598.10  | \$36,813,827.64 | \$ 8,535,226.61 |

DISBURSEMENTS:

|   |                 |                 |                 |                 |                 |                 |                 |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| State projects.....                       | \$ 928,512.12   | \$ 916,290.44   | \$ 1,586,505.17 | \$ 2,435,597.17 | \$ 3,540,462.53 | \$ 1,974,833.31 | \$ 782,192.06   |
| Federal aid projects.....                 | 4,414,438.53    | 4,579,444.93    | 6,838,851.76    | 6,283,500.23    | 5,889,431.99    | 7,836,308.89    | 4,558,251.72    |
| Anticipation warrants projects.....       | .....           | .....           | 83,319.26       | 5,741,043.25    | 4,646,993.34    | .....           | .....           |
| P. W. A. projects.....                    | .....           | 127,656.69      | 1,020,639.93    | 3,590,661.60    | .....           | .....           | 13,941.54       |
| Drought relief projects.....              | .....           | .....           | 1,522,566.26    | 1,717,297.15    | 2,023,988.46    | 1,952,268.51    | 1,925,310.96    |
| Maintenance, equipment and repairs.....   | 1,618,208.15    | 4,81,890.58     | .....           | .....           | .....           | .....           | .....           |
| Property and equipment.....               | 54,702.24       | 42,284.95       | 131,476.24      | 446,598.00      | 324,831.38      | 133,528.56      | 54,666.19       |
| Roads signs and traffic census.....       | 142,463.57      | 141,935.59      | 70,352.65       | 75,426.57       | 67,643.34       | 59,220.21       | 36,862.27       |
| Compensation insurance.....               | 43,102.23       | 17,413.90       | 41,826.04       | 44,331.68       | .....           | 91,461.76       | .....           |
| Preliminary surveys.....                  | 53,488.32       | .....           | 142,157.18      | 154,598.12      | 26,915.40       | 77,159.14       | 125,205.60      |
| Planning surveys.....                     | .....           | .....           | 62,697.02       | 88,570.91       | 154,189.68      | 169,078.95      | .....           |
| Legislative relief.....                   | .....           | .....           | .....           | .....           | .....           | .....           | 1,000.00        |
| County tax audit.....                     | .....           | .....           | .....           | .....           | .....           | .....           | .....           |
| County Highway fund.....                  | 317,180.47      | 300,487.83      | 324,805.02      | 320,979.50      | 284,197.59      | 220,537.39      | 76,832.86       |
| Auto theft department.....                | 19,547.96       | 15,340.26       | 16,070.83       | 11,687.67       | 14,160.32       | .....           | .....           |
| Economic surveys.....                     | .....           | .....           | .....           | .....           | .....           | .....           | 11,239.07       |
| Warrants account.....                     | .....           | .....           | .....           | 1,224.96        | .....           | 44,136.04       | .....           |
| N. R. A. Government advance returned..... | .....           | .....           | .....           | .....           | 2,315.83        | 600,000.00      | .....           |
| Laboratory department.....                | 26,966.24       | 26,272.46       | 40,755.88       | 43,570.41       | 16,300.95       | .....           | 200,000.00      |
| Transfer to 3 per cent special fund.....  | .....           | .....           | .....           | .....           | .....           | .....           | .....           |
| Administration.....                       | 326,822.82      | 336,998.08      | 360,504.62      | 358,937.85      | 330,795.33      | 273,367.83      | 233,642.16      |
| State Employees Retirement Fund.....      | 27,731.78       | .....           | .....           | .....           | .....           | .....           | .....           |
| U. S. Geological Survey.....              | .....           | 2,050.98        | .....           | .....           | .....           | .....           | .....           |
| Total disbursements.....                  | \$ 7,973,164.73 | \$ 7,987,866.69 | \$12,212,727.86 | \$16,991,453.47 | \$22,063,271.49 | \$16,103,308.90 | \$ 7,619,147.13 |

BALANCES:

|                                      |                 |                 |                 |                 |                 |                 |                 |
|--------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| State Highway fund.....              | \$ 1,440,049.04 | \$ 1,316,383.21 | \$ 1,268,117.90 | \$ 2,178,703.74 | \$ 4,888,014.38 | \$ 4,122,043.22 | \$ 863,046.06   |
| Revolving fund.....                  | 9,500.00        | 9,500.00        | 9,500.00        | 9,500.00        | 9,500.00        | 9,500.00        | 9,500.00        |
| Payroll.....                         | 50,000.00       | .....           | 25,000.00       | 25,000.00       | 25,000.00       | 25,000.00       | 25,000.00       |
| Supplementary account.....           | .....           | .....           | .....           | 296,759.36      | 4,402,812.23    | 16,553,975.52   | 18,533.42       |
| Total balance.....                   | \$ 1,499,549.04 | \$ 1,325,883.21 | \$ 1,302,617.90 | \$ 2,509,963.10 | \$ 9,325,326.61 | \$20,710,518.74 | \$ 916,079.48   |
| Total disbursements and balance..... | \$ 9,472,713.77 | \$ 9,313,749.90 | \$13,515,345.76 | \$19,501,416.57 | \$31,388,598.10 | \$36,813,827.64 | \$ 8,535,226.61 |

3% SPECIAL GAS TAX FUND:

|                    |               |               |               |               |               |               |               |
|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Balance.....       | \$ 461,603.68 | \$ 379,176.10 | \$ 391,736.85 | \$ 314,166.53 | \$ 346,550.13 | \$ 285,760.46 | \$ 227,406.36 |
| Receipts.....      | 233,665.00    | 244,003.50    | 229,578.00    | 221,200.00    | 219,000.00    | 202,000.00    | 177,400.00    |
| Total.....         | \$ 715,268.68 | \$ 623,179.60 | \$ 621,314.85 | \$ 535,366.53 | \$ 565,550.13 | \$ 487,760.46 | \$ 414,806.36 |
| Disbursements..... | \$ 239,679.94 | \$ 161,575.92 | \$ 242,138.75 | \$ 143,629.68 | \$ 251,383.60 | \$ 141,210.33 | \$ 129,045.90 |
| Balance.....       | 475,588.74    | 461,603.68    | 379,176.10    | 391,736.85    | 314,166.53    | 346,550.13    | 285,760.46    |
| Total.....         | \$ 715,268.68 | \$ 623,179.60 | \$ 621,314.85 | \$ 535,366.53 | \$ 565,550.13 | \$ 487,760.46 | \$ 414,806.36 |

(1) Included under refunds and miscellaneous.

### TRAIL RIDGE ROAD

The Trail Ridge road, acclaimed as one of the outstanding mountain highways of the world, was completed in the fall of 1932 as part of the highway between Estes park, in the Rocky Mountain national park, and Grand lake, in Grand county. The new stretch of road, which required the grading of 30 miles of the route, starts at Deer Ridge, in the national park, rises to an elevation of 12,185 feet as it crosses the Continental Divide, descends to Fall River pass, elevation 11,797 feet, and continues over Milner pass, elevation 10,759 feet, to Grand Lake, which lies 8,369 feet above the level of the sea.

The road was constructed by the United States bureau of public roads for the national park service at a cost of \$1,250,000. It is of the standard type adopted by the government, being 24 feet from shoulder to shoulder, and surfaced with gravel and topped with an oil coating. The marvelous scenic beauty of the road is attained through its great altitude. For four miles it is located more than 12,000 feet above sea level, and another stretch of 11 miles is above the 11,000-foot elevation. The road climbs to the crest of the mountain range and affords views of peaks, valleys, lakes and rivers of unsurpassed beauty.

### HIGHWAY COURTESY PATROL

A statute creating the Colorado state highway courtesy patrol went into effect August 10, 1935. The members of the patrol are peace officers whose duties are primarily confined to the enforcement of the motor vehicle laws upon the highways of the state and assisting other departments of the state government with similar jurisdiction in enforcing the collection of motor vehicle, public utility, motor fuel, garage and tourist camp licenses and taxes for the state.

The legislature in 1937 authorized an increase in the number of patrolmen and supervisors from 50 to 75 and transferred the auto theft division of the motor vehicle department to the jurisdiction of the patrol board. The law is administered by a control board composed of the state highway engineer, the secretary of state and a member of the public utilities commission. The head of the service is Vernon Drain, acting supervisor. The patrolmen are uniformed and maintain day and night service upon the highways of the state. Motorcycles and auto-

mobiles marked for identification are used in the maintenance of the patrol.

The mileage of the officers in patrolling the highways of the state in calendar years is as follows:

| Year       | Total Miles |
|------------|-------------|
| 1936 ..... | 1,803,549   |
| 1937 ..... | 2,088,681   |
| 1938 ..... | 2,662,879   |
| 1939 ..... | 2,716,774   |
| 1940 ..... | 2,870,552   |

A summary of patrol activities for the calendar years of 1941 and 1940 is as follows:

|  | 1941     | 1940     |
|--|----------|----------|
| Receipt tickets issued...                      | 3,362    | 3,155    |
| Amount received.....                           | \$32,740 | \$23,928 |
| Warning tickets issued..                       | 611      | 1,073    |
| Hold orders on vehicles..                      | 773      | 783      |
| Summons issued.....                            | 5,625    | 5,041    |
| Fines collected through district attorneys.... | \$72,101 | \$62,972 |
| Court costs assessed....                       | 24,152   | 21,936   |
| Jail sentences (years)...                      | 34       | 36       |
| Oral contacts for inspection .....             | 95,236   | 128,924  |
| Other contacts:                                |          |          |
| Cars .....                                     | 115,700  | 127,165  |
| Trucks .....                                   | 14,810   | 17,095   |
| Other vehicles.....                            | 5,815    | 8,211    |
| Man-hours worked.....                          | 207,290  | 204,400  |

A separate organization under the same control conducts ports of welcome at which check is made of motor vehicles entering the state, particularly busses and trucks, to see that they comply with the state laws and to govern the importation of gasoline and other commodities from other states.

### MOTOR VEHICLE ACCIDENTS

Records of automobile accidents are compiled by police departments of the cities and towns, sheriffs of counties, the state highway courtesy patrol, and other agencies. A consolidation of these records is made by the state motor vehicle department for the purpose of obtaining statistics for the state as a whole. Many minor accidents involving only slight property damage are not reported to the authorities and the record of these is necessarily incomplete, but on fatal accidents and accidents in which personal injuries occur, there are practically no discrepancies in the final figures. The state motor vehicle department maintains its records in the form recommended by the National Safety Council and this facilitates the study of the causes of accidents on a wide scale with a view to the adoption of remedial measures and the promotion of national safety.

Data for the calendar year of 1941 were prepared, but have not yet been published. A summary of the classified reports for the years 1937 to 1940, inclusive, shows that the number of

accidents ranged from a minimum of 11,514 in 1940 to a maximum of 12,760 in 1937. Fatal accidents numbered 286 in 1939, the minimum for the period, and 347 in 1937, the latter being the maximum. The number of persons killed in the four years ranged from 325 in 1938 and 1939 to 350 in 1940 and 390 in 1937. The number of persons injured was 5,537 in 1940 and 5,671 in 1939, these being the extremes.

The most dangerous hour was from 5 to 6 o'clock, p. m., the range for the four years being 7.8 to 8.7 per cent. Between midnight and six a. m. 8.8 to 9.5 per cent of all accidents occurred over the four-year period.

The records do not show excessive speed to be a major factor, in the years 1940 and 1939, 22.6 per cent of

all accidents in each year were to cars going at a speed of 11 to 20 miles per hour.

Defective brakes and steering gears, improper lighting and other defects of vehicles accounted from 2.7 to 3.8 per cent of all accidents.

In 1940 there were 11,514 accidents in which 19,521 vehicles were involved, of which 291 were fatal, 3,493 non-fatal and 7,730 involved property damage only. There were 350 persons killed and 5,537 injured.

Additional information on deaths from automobile accidents is found in the chapter on vital statistics published elsewhere in this volume under the title "Deaths from Motor Vehicle Accidents," "Highway Grade Crossing Accidents."

**MOTOR VEHICLE ACCIDENTS: NUMBER OF ACCIDENTS (INCLUDING FATAL, NON-FATAL AND PROPERTY DAMAGE) AND PER CENT OF TOTAL, BY CIRCUMSTANCES ATTENDING OCCURRENCE, BY CALENDAR YEARS**

(Source: State Motor Vehicle Department)

| CIRCUMSTANCES                 | 1940   |          | 1939   |          | 1938   |          |
|-------------------------------|--------|----------|--------|----------|--------|----------|
|                               | Number | Per Cent | Number | Per Cent | Number | Per Cent |
| <b>TIME:</b>                  |        |          |        |          |        |          |
| 12:01 a.m. to 6:00 a.m.       | 1,045  | 9.1      | 1,123  | 9.5      | 1,058  | 8.8      |
| 6:01 a.m. to 7:00 a.m.        | 113    | 1.0      | 108    | 0.9      | 128    | 1.1      |
| 7:01 a.m. to 8:00 a.m.        | 296    | 2.6      | 257    | 2.2      | 289    | 2.4      |
| 8:01 a.m. to 9:00 a.m.        | 400    | 3.5      | 361    | 3.1      | 396    | 3.3      |
| 9:01 a.m. to 10:00 a.m.       | 420    | 3.6      | 400    | 3.4      | 417    | 3.5      |
| 10:01 a.m. to 11:00 a.m.      | 432    | 3.8      | 492    | 4.2      | 519    | 4.3      |
| 11:01 a.m. to 12:00 noon      | 523    | 4.5      | 485    | 4.1      | 498    | 4.2      |
| 12:01 p.m. to 1:00 p.m.       | 522    | 4.5      | 505    | 4.3      | 596    | 4.9      |
| 1:01 p.m. to 2:00 p.m.        | 535    | 4.6      | 530    | 4.5      | 540    | 4.5      |
| 2:01 p.m. to 3:00 p.m.        | 580    | 5.0      | 559    | 4.8      | 597    | 5.0      |
| 3:01 p.m. to 4:00 p.m.        | 666    | 5.8      | 685    | 5.8      | 761    | 6.5      |
| 4:01 p.m. to 5:00 p.m.        | 859    | 7.5      | 912    | 7.8      | 891    | 7.4      |
| 5:01 p.m. to 6:00 p.m.        | 918    | 8.0      | 1,030  | 8.7      | 944    | 7.8      |
| 6:01 p.m. to 7:00 p.m.        | 697    | 6.1      | 758    | 6.4      | 787    | 6.6      |
| 7:01 p.m. to 8:00 p.m.        | 727    | 6.3      | 741    | 6.3      | 731    | 6.1      |
| 8:01 p.m. to 9:00 p.m.        | 631    | 5.5      | 661    | 5.6      | 658    | 5.5      |
| 9:01 p.m. to 10:00 p.m.       | 531    | 4.6      | 523    | 4.4      | 513    | 4.3      |
| 10:01 p.m. to 11:00 p.m.      | 435    | 3.8      | 430    | 3.7      | 425    | 3.6      |
| 11:01 p.m. to midnight        | 396    | 3.4      | 362    | 3.1      | 324    | 2.7      |
| Not stated                    | 788    | 6.8      | 851    | 7.2      | 898    | 7.5      |
| Total accidents               | 11,514 | 100.0    | 11,773 | 100.0    | 11,970 | 100.0    |
| <b>APPROXIMATE SPEED:</b>     |        |          |        |          |        |          |
| Standing still and parked     | 1,012  | 5.2      | 1,596  | 7.9      | .....  | .....    |
| 0-10 miles per hour           | 2,115  | 10.8     | 2,238  | 11.0     | .....  | .....    |
| 11-20 miles per hour          | 4,402  | 22.6     | 4,590  | 22.6     | .....  | .....    |
| 21-30 miles per hour          | 3,247  | 16.6     | 3,312  | 16.3     | .....  | .....    |
| 31-40 miles per hour          | 1,686  | 8.6      | 1,430  | 7.1      | .....  | .....    |
| 41-50 miles per hour          | 1,037  | 5.3      | 955    | 4.7      | .....  | .....    |
| 50 miles per hour and over    | 562    | 2.9      | 580    | 2.9      | .....  | .....    |
| Not stated                    | 5,460  | 28.0     | 5,568  | 27.5     | .....  | .....    |
| Total drivers                 | 19,521 | 100.0    | 20,269 | 100.0    | .....  | .....    |
| <b>TYPE OF MOTOR VEHICLE:</b> |        |          |        |          |        |          |
| Passenger car                 | 14,681 | 75.2     | 15,613 | 77.0     | 16,005 | 78.0     |
| Truck                         | 2,560  | 13.1     | 2,250  | 11.1     | 2,459  | 12.0     |
| Taxicab                       | 144    | 0.7      | 121    | 0.6      | 22     | 0.1      |
| Bus                           | 73     | 0.4      | 59     | 0.3      | 38     | 0.2      |
| Motorcycle                    | 101    | 0.5      | 127    | 0.6      | 131    | 0.6      |
| Others                        | 178    | 0.9      | 11     | 0.1      | .....  | .....    |
| Not stated                    | 1,784  | 9.2      | 2,088  | 10.3     | 1,861  | 9.1      |
| Total vehicles                | 19,521 | 100.0    | 20,269 | 100.0    | 20,516 | 100.0    |

**MOTOR VEHICLE ACCIDENTS: NUMBER OF ACCIDENTS (INCLUDING FATAL, NON-FATAL AND PROPERTY DAMAGE) AND PER CENT OF TOTAL, BY CIRCUMSTANCES ATTENDING OCCURRENCE, BY CALENDAR YEARS—Continued**

(Source: State Motor Vehicle Department)

| CIRCUMSTANCES                            | 1940   |          | 1939   |          | 1938   |          |
|--|--------|----------|--------|----------|--------|----------|
|  | Number | Per Cent | Number | Per Cent | Number | Per Cent |
| <b>AGE OF DRIVER:</b>                    |        |          |        |          |        |          |
| 16 years or under.....                   | 273    | 1.4      | 276    | 1.4      | ....   | ....     |
| 17-18 .....                              | 2,283  | 11.7     | 997    | 4.9      | ....   | ....     |
| 19-20 .....                              | (1)    | ....     | 1,122  | 5.5      | ....   | ....     |
| 21-24 .....                              | 2,452  | 12.6     | 2,545  | 12.6     | ....   | ....     |
| 25-44 .....                              | 7,388  | 37.8     | 7,875  | 38.8     | ....   | ....     |
| 45-64 .....                              | 3,446  | 17.7     | 3,510  | 17.3     | ....   | ....     |
| 65 and over.....                         | 547    | 2.8      | 568    | 2.8      | ....   | ....     |
| Not stated.....                          | 3,132  | 16.0     | 3,376  | 16.7     | ....   | ....     |
| Total drivers.....                       | 19,521 | 100.0    | 20,269 | 100.0    | ....   | ....     |
| <b>SEX OF DRIVERS:</b>                   |        |          |        |          |        |          |
| Male .....                               | 16,515 | 84.6     | 16,966 | 83.7     | 16,609 | 82.9     |
| Female .....                             | 2,464  | 12.6     | 2,541  | 12.5     | 2,696  | 13.5     |
| Not stated.....                          | 542    | 2.8      | 762    | 3.8      | 732    | 3.6      |
| Total .....                              | 19,521 | 100.0    | 20,269 | 100.0    | 20,037 | 100.0    |
| <b>VIOLATIONS INDICATED:</b>             |        |          |        |          |        |          |
| Excessive speed.....                     | 1,940  | 22.9     | 1,292  | 12.1     | 480    | 2.4      |
| Did not have right of way.....           | 2,608  | 30.8     | 2,376  | 22.3     | 2,890  | 14.4     |
| On wrong side of road.....               | 1,056  | 12.5     | 1,076  | 10.1     | 1,012  | 5.1      |
| Drove through safety zone.....           | 4      | ....     | 5      | ....     | 1      | ....     |
| Passing standing street car.....         | 5      | 0.1      | 8      | 0.1      | 7      | ....     |
| Passing on curve or hill.....            | 51     | 0.6      | 81     | 0.8      | 45     | 0.2      |
| Cutting in.....                          | 271    | 3.2      | 230    | 2.2      | 308    | 1.5      |
| Failure to signal, improper signal ..... | 247    | 2.9      | 261    | 2.5      | 265    | 1.3      |
| Improper turn, wide right turn .....     | 42     | 0.5      | 60     | 0.6      | 256    | 1.3      |
| Same, cut corner on left turn .....      | 29     | 0.3      | 23     | 0.2      | 11     | ....     |
| Same, turned from wrong lane .....       | 36     | 0.4      | 16     | 0.1      | 1      | ....     |
| Other improper turning or passing .....  | 433    | 5.1      | 458    | 4.3      | 5,367  | 26.9     |
| Disregarded stop sign, signal .....      | 288    | 3.4      | 260    | 2.4      | 162    | 0.8      |
| Same, warning sign, signal .....         | 83     | 1.0      | 78     | 0.7      | 179    | 0.9      |
| Miscellaneous .....                      | 18     | 0.2      | 43     | 0.4      | 5,139  | 25.7     |
| Others, careless, etc.....               | 1,351  | 16.1     | 4,383  | 41.2     | 3,914  | 19.5     |
| Total .....                              | 8,462  | 100.0    | 10,650 | 100.0    | 20,037 | 100.0    |
| <b>LIGHT CONDITION:</b>                  |        |          |        |          |        |          |
| Daylight .....                           | 6,353  | 55.2     | 6,355  | 53.9     | 6,599  | 55.1     |
| Dusk or dawn.....                        | 451    | 3.9      | 506    | 4.3      | 608    | 5.1      |
| Darkness, street lights.....             | 2,136  | 18.6     | 2,179  | 18.5     | 1,850  | 15.5     |
| Darkness, no street lights.....          | 1,677  | 14.6     | 1,624  | 13.8     | 2,346  | 19.6     |
| Darkness, lighting not stated .....      | 274    | 2.4      | 244    | 2.1      | ....   | ....     |
| Not stated.....                          | 623    | 5.3      | 865    | 7.4      | 567    | 4.7      |
| Total .....                              | 11,514 | 100.0    | 11,773 | 100.0    | 11,970 | 100.0    |
| <b>DEFECTS OF MOTOR VEHICLE:</b>         |        |          |        |          |        |          |
| Defective brakes.....                    | 208    | 1.1      | 297    | 1.5      | 294    | 1.4      |
| Improper lights.....                     | 174    | 0.9      | 162    | 0.8      | 131    | 0.7      |
| Steering gear defective....              | 63     | 0.2      | 67     | 0.3      | 63     | 0.3      |
| Others .....                             | 264    | 1.4      | 233    | 1.2      | 271    | 1.3      |
| Vehicle not defective.....               | 18,812 | 96.4     | 12,811 | 63.0     | 11,572 | 56.4     |
| Not stated.....                          | ....   | ....     | 6,749  | 33.2     | 8,189  | 39.9     |
| Total .....                              | 19,521 | 100.0    | 20,319 | 100.0    | 20,520 | 100.0    |

(1) Includes 17 to 20 years.

**MOTOR VEHICLE ACCIDENTS: SUMMARY FOR COLORADO,  
BY CALENDAR YEARS**

(Source: State Motor Vehicle Department)

| TYPE OF ACCIDENT                | Number of Accidents |               |                            |        |                            | No. of<br>Persons<br>Killed | No. of<br>Persons<br>Injured |
|---------------------------------|---------------------|---------------|----------------------------|--------|----------------------------|-----------------------------|------------------------------|
|                                 | Fatal               | Non-<br>fatal | Property<br>Damage<br>Only | Total  | Per<br>Cent<br>of<br>Total |                             |                              |
| <b>Collision with:</b>          |                     |               |                            |        |                            |                             |                              |
| <b>Pedestrian</b>               |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | 72                  | 644           | 37                         | 753    | 6.5                        | 74                          | 660                          |
| 1939 .....                      | 90                  | 736           | 14                         | 840    | 7.1                        | 90                          | 774                          |
| 1938 .....                      | 101                 | 744           | 31                         | 876    | 7.3                        | 101                         | 817                          |
| 1937 .....                      | 92                  | 772           | 4                          | 868    | 6.8                        | 93                          | 823                          |
| <b>Other motor vehicle:</b>     |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | 90                  | 1,540         | 6,094                      | 7,724  | 67.1                       | 120                         | 2,786                        |
| 1939 .....                      | 72                  | 1,599         | 6,467                      | 8,138  | 69.1                       | 84                          | 2,869                        |
| 1938 .....                      | 86                  | 1,570         | 6,596                      | 8,252  | 68.9                       | 108                         | 2,810                        |
| 1937 .....                      | 99                  | 1,623         | 7,429                      | 9,151  | 71.7                       | 120                         | 2,829                        |
| <b>Railroad train:</b>          |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | 20                  | 37            | 39                         | 96     | 0.8                        | 37                          | 71                           |
| 1939 .....                      | 11                  | 30            | 34                         | 75     | 0.6                        | 16                          | 69                           |
| 1938 .....                      | 11                  | 23            | 31                         | 70     | 0.6                        | 11                          | 61                           |
| 1937 .....                      | 15                  | 37            | 36                         | 88     | 0.7                        | 22                          | 70                           |
| <b>Street car:</b>              |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | 3                   | 28            | 118                        | 149    | 1.4                        | 3                           | 34                           |
| 1939 .....                      | 2                   | 32            | 142                        | 176    | 1.5                        | 2                           | 45                           |
| 1938 .....                      | ..                  | 50            | 156                        | 206    | 1.7                        | ..                          | 63                           |
| 1937 .....                      | 5                   | 50            | 187                        | 242    | 1.9                        | 5                           | 70                           |
| <b>Bicycle:</b>                 |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | 10                  | 188           | 63                         | 261    | 2.3                        | 10                          | 207                          |
| 1939 .....                      | 7                   | 213           | 80                         | 300    | 2.5                        | 7                           | 224                          |
| 1938 .....                      | 10                  | 207           | 96                         | 313    | 2.6                        | 10                          | 211                          |
| 1937 .....                      | 7                   | 224           | 92                         | 323    | 2.5                        | 7                           | 231                          |
| <b>Animal-drawn vehicle:</b>    |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | ..                  | 12            | 11                         | 23     | 0.2                        | ..                          | 5                            |
| 1939 .....                      | ..                  | 6             | 5                          | 11     | 0.1                        | ..                          | 7                            |
| 1938 .....                      | 1                   | 9             | 8                          | 18     | 0.2                        | 1                           | 13                           |
| 1937 .....                      | ..                  | 5             | 15                         | 20     | 0.2                        | ..                          | 9                            |
| <b>Other vehicle:</b>           |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | ..                  | ..            | ..                         | ..     | ..                         | ..                          | ..                           |
| 1939 .....                      | 1                   | 12            | 5                          | 18     | 0.2                        | 1                           | 14                           |
| 1938 .....                      | ..                  | ..            | ..                         | ..     | ..                         | ..                          | ..                           |
| 1937 .....                      | ..                  | ..            | ..                         | ..     | ..                         | ..                          | ..                           |
| <b>Animal:</b>                  |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | 3                   | 40            | 191                        | 234    | 2.0                        | 3                           | 74                           |
| 1939 .....                      | ..                  | 27            | 150                        | 177    | 1.5                        | ..                          | 38                           |
| 1938 .....                      | ..                  | ..            | ..                         | ..     | ..                         | ..                          | ..                           |
| 1937 .....                      | ..                  | ..            | ..                         | ..     | ..                         | ..                          | ..                           |
| <b>Fixed object:</b>            |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | 22                  | 252           | 533                        | 807    | 7.0                        | 25                          | 365                          |
| 1939 .....                      | 15                  | 221           | 372                        | 608    | 5.2                        | 22                          | 358                          |
| 1938 .....                      | 22                  | 255           | 545                        | 822    | 6.9                        | 23                          | 429                          |
| 1937 .....                      | 16                  | 245           | 447                        | 708    | 5.5                        | 18                          | 376                          |
| <b>Coaster wagon:</b>           |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | ..                  | ..            | ..                         | ..     | ..                         | ..                          | ..                           |
| 1939 .....                      | ..                  | ..            | ..                         | ..     | ..                         | ..                          | ..                           |
| 1938 .....                      | ..                  | 1             | 1                          | 2      | ..                         | ..                          | 1                            |
| 1937 .....                      | ..                  | ..            | ..                         | ..     | ..                         | ..                          | ..                           |
| <b>Non-collision and Misc.:</b> |                     |               |                            |        |                            |                             |                              |
| 1940 .....                      | 71                  | 752           | 644                        | 1,467  | 12.7                       | 78                          | 1,335                        |
| 1939 .....                      | 88                  | 705           | 637                        | 1,430  | 12.2                       | 103                         | 1,273                        |
| 1938 .....                      | 65                  | 643           | 703                        | 1,411  | 11.8                       | 71                          | 1,143                        |
| 1937 .....                      | 113                 | 686           | 561                        | 1,360  | 10.7                       | 125                         | 1,210                        |
| Total state, 1940.              | 291                 | 3,493         | 7,730                      | 11,514 | 100.0                      | 350                         | 5,537                        |
| Total state, 1939.              | 286                 | 3,581         | 7,906                      | 11,773 | 100.0                      | 325                         | 5,671                        |
| Total state, 1938.              | 296                 | 3,507         | 8,167                      | 11,970 | 100.0                      | 325                         | 5,548                        |
| Total state, 1937.              | 347                 | 3,642         | 8,771                      | 12,760 | 100.0                      | 390                         | 5,618                        |

## MOTOR VEHICLE OPERATIONS

All owners of motor vehicles and trailers operated upon the highways of Colorado are required by law to take out licenses annually and to display the license plates issued therewith upon the vehicles in a prescribed manner. These licenses are issued through the motor vehicle bureau of the state department of revenue. The county clerks and recorders of the various counties of the state, with the exception of Denver, are the authorized agents of the state motor vehicle supervisor for the issuance of licenses and the collection of license fees. Licenses for owners in the city and county of Denver are issued by the motor vehicle bureau of the manager of revenue's office in the municipal building.

All persons, except those specifically exempted by law, are required to have operators' or chauffeurs' licenses before operating motor vehicles upon the highways of the state. These licenses are obtained from the same agencies through which the motor vehicle licenses are issued. Other laws provide for the registration of titles of motor vehicles; for the licensing and registration of auto camps; for the taxation of motor vehicles; for the recovery of stolen automobiles, and for the operation of all motor vehicles upon the highways of the state.

An initiated constitutional amendment providing that the general assembly shall enact laws classifying motor vehicles, trailers and semi-trailers, and requiring the payment of a graduated specific ownership tax thereon was adopted at the general election on November 3, 1936. This tax is in addition to any fees collected for the registration of titles or for licenses issued to owners, operators or chauffeurs, and takes the place of former ad valorem taxes on motor vehicles.

The laws required by the amendment were enacted by the 31st general assembly and approved April 14, 1937. The county clerks and recorders of the several counties, except Denver, were authorized to collect the ownership tax along with registration of titles and the issuance of licenses, while in Denver the manager of revenue was made the agent. The act classified motor vehicles under two divisions. Class A includes all motor vehicles, trailers or semi trailers used in serving the public in the business of transportation, and Class B includes all motor vehicles not used for hire and not included under Class A. The amount of the tax is based on factory prices and the num-

ber of years in which the vehicle has been in service. The specific ownership tax, through this plan, becomes payable in advance of general taxes. Since it replaces the ad valorem tax on motor vehicles formerly levied by county assessors through the state tax commission, the commission is given jurisdiction over the funds.

The public carrier act, approved May 29, 1937, places all persons or concerns using the highways of the state for the business of transporting persons or property for compensation or hire under the jurisdiction of the state public utility commission. It provides for a tax, in addition to the regular license fees or taxes upon motor vehicles, upon all public carriers not operated exclusively within the limits of an incorporated town or city. The tax is for both freight and passenger service. The commission is authorized to make rules and regulations and to require a cash deposit to insure compliance therewith. Certificates of convenience and necessity must be secured from the commission for the operation of all such motor vehicles. Another act, approved as of the same date, places private carriers operating motor vehicles for compensation or hire under regulation by the commission. A third act approved as of the same date provides for the regulation of commercial carriers.

The registration of motor vehicles under state authority began in 1913. In that year there were 13,135 passenger car and truck licenses issued. Beginning with 1920, licenses for passenger cars and trucks were segregated. The maximum number of passenger cars registered in the 29 year period was 336,718 in 1941, equal to one car for every 3.3 persons in the state.

In 1920, the first year in which licenses for trucks were segregated, there were 7,585 registered. The number increased steadily to a maximum of 32,798 in 1937.

The receipts from motor vehicle licenses are divided equally between the state highway department for state highway purposes and counties for local road purposes, after the cost of administration is deducted.

Total receipts from motor vehicle registration were \$60,833 in 1913, the year licensing began. An all-time high was reached in 1941 when the total was \$2,472,749. Receipts from 1913 to 1941, inclusive, aggregated \$39,104,553.

Commencing in 1932, the system of licensing cars in Colorado was

changed, and each county is indicated by an initial number, followed by the number of each particular license from 1 up to the maximum for that county.

Certificates of title issued, exclusive of duplicate and miscellaneous titles, which show the annual turnover in car ownership, and fees received from same, for calendar years, are as follows:

| Year      | Number  | Amount   |
|-----------|---------|----------|
| 1939..... | 165,723 | \$41,107 |
| 1940..... | 169,974 | 42,208   |
| 1941..... | 189,492 | 47,080   |

Three tables on motor vehicle operations are published herewith. One gives the number of passenger cars, trucks, motorcycles and drivers licensed each year from 1913 to 1941, inclusive, with total receipts by years.

Another table shows the county key numbers, and the number of operators and chauffeurs and receipts from licenses by counties for 1941.

A third table gives the number of cars, trucks and trailers and dealers licensed and fees collected in 1941 by counties.

**MOTOR VEHICLE OPERATIONS: NUMBER OF PASSENGER CARS, TRUCKS AND MOTORCYCLES REGISTERED, BY YEARS, PER CENT INCREASE OVER PRECEDING YEAR, AND TOTAL RECEIPTS FROM ALL REGISTRATIONS AND PER CENT INCREASE**

(Source: State Motor Vehicle Bureau)

| Year                       | Passenger Cars |             | Trucks |             | Motor-cycles Number | Total Receipts         |             |
|----------------------------|----------------|-------------|--------|-------------|---------------------|------------------------|-------------|
|                            | Number         | % In-crease | Number | % In-crease |                     | Amount                 | % In-crease |
| 1913.....                  | 13,135         | ...         | (1)    | ...         | 2,753               | \$ 60,833.00           | ...         |
| 1914.....                  | 17,756         | ...         | (1)    | ...         | 3,683               | 80,047.00              | 31.6        |
| 1915.....                  | 27,568         | ...         | (1)    | ...         | 4,268               | 120,800.84             | 50.9        |
| 1916.....                  | 43,296         | ...         | (1)    | ...         | 4,731               | 197,794.75             | 63.7        |
| 1917.....                  | 66,850         | ...         | (1)    | ...         | 4,505               | 297,292.21             | 50.3        |
| 1918.....                  | 83,244         | ...         | (1)    | ...         | 3,872               | 372,490.25             | 25.3        |
| 1919.....                  | 104,865        | ...         | (1)    | ...         | 3,636               | 491,713.36             | 32.0        |
| 1920.....                  | 119,964        | ...         | 7,585  | ...         | 3,364               | 815,100.10             | 65.8        |
| 1921.....                  | 136,336        | 13.6        | 9,403  | 24.0        | 2,868               | 906,059.27             | 11.2        |
| 1922.....                  | 151,499        | 11.1        | 10,829 | 15.2        | 2,770               | 991,677.22             | 9.4         |
| 1923.....                  | 175,669        | 15.9        | 13,287 | 22.7        | 2,473               | 1,126,218.55           | 13.6        |
| 1924.....                  | 197,361        | 12.4        | 15,886 | 19.6        | 2,226               | 1,258,204.80           | 11.7        |
| 1925.....                  | 221,513        | 12.2        | 18,584 | 17.0        | 1,862               | 1,430,299.47           | 13.7        |
| 1926.....                  | 232,308        | 4.9         | 20,905 | 12.5        | 1,480               | 1,507,379.19           | 5.4         |
| 1927.....                  | 245,107        | 5.5         | 23,385 | 11.9        | 1,362               | 1,600,221.73           | 6.2         |
| 1928.....                  | 259,948        | 6.1         | 23,961 | 2.5         | 1,234               | 1,790,182.73           | 11.9        |
| 1929.....                  | 273,960        | 5.4         | 28,501 | 19.0        | 1,142               | 1,835,385.53           | 2.5         |
| 1930.....                  | 276,847        | 1.0         | 31,662 | 11.1        | 1,059               | 1,901,219.94           | 3.6         |
| 1931.....                  | 276,376        | -0.2        | 32,082 | 1.3         | 962                 | 1,910,741.49           | 0.5         |
| 1932.....                  | 255,854        | -7.4        | 30,006 | -6.5        | 805                 | 1,762,936.63           | -7.7        |
| 1933.....                  | 239,058        | -6.6        | 27,433 | -8.6        | 788                 | 1,615,844.46           | -8.3        |
| 1934.....                  | 246,373        | 3.1         | 27,858 | 1.5         | 826                 | 1,718,026.69           | 6.3         |
| 1935.....                  | 256,148        | 4.0         | 28,430 | 2.0         | 901                 | 1,777,162.65           | 3.4         |
| 1936.....                  | 284,131        | 13.9        | 32,013 | 12.6        | 1,108               | 2,048,596.82           | 15.3        |
| 1937.....                  | 304,419        | 7.1         | 32,798 | 2.5         | 1,316               | 2,215,830.47           | 8.2         |
| 1938.....                  | 301,838        | -0.9        | 30,936 | 6.0         | 1,271               | 2,186,612.45           | -1.3        |
| 1939.....                  | 312,847        | 3.6         | 30,636 | 1.0         | 1,355               | 2,269,030.33           | 3.8         |
| 1940.....                  | 321,810        | 2.9         | 30,300 | -1.1        | 1,379               | 2,344,101.68           | 3.3         |
| 1941.....                  | 336,718        | 4.6         | 31,050 | 2.5         | 1,308               | 2,472,749.63           | 5.5         |
| <b>Total receipts.....</b> |                |             |        |             |                     | <b>\$39,104,553.24</b> |             |

(1) Included with passenger cars for these years.  
 (—) Decrease.

**MOTOR VEHICLE OPERATIONS: COUNTY KEY NUMBER, OPERATORS AND  
CHAUFFEURS LICENSES AND REISSUES, 1941, BY COUNTIES**

(Source: State Motor Vehicle Bureau)

| COUNTY            | County<br>Key<br>Num-<br>ber | Operator |             | Chauffeurs,<br>Amount | Reissues,<br>Amount | Total<br>Receipts |
|-------------------|------------------------------|----------|-------------|-----------------------|---------------------|-------------------|
|                   |                              | Number   | Amount      |                       |                     |                   |
| Adams .....       | 12                           | 2,447    | \$ 611.75   | \$ 797.00             | \$ 15.00            | \$ 1,423.75       |
| Alamosa .....     | 30                           | 870      | 217.50      | 390.00                | .75                 | 608.25            |
| Arapahoe .....    | 10                           | 3,874    | 968.50      | 1,418.00              | 32.25               | 2,418.75          |
| Archuleta .....   | 48                           | 265      | 66.25       | 80.00                 | ....                | 146.25            |
| Baca .....        | 22                           | 712      | 178.00      | 238.00                | 3.75                | 419.75            |
| Bent .....        | 29                           | 1,223    | 305.75      | 215.00                | 9.00                | 529.75            |
| Boulder .....     | 7                            | 3,383    | 845.75      | 1,264.00              | 67.00               | 2,176.75          |
| Chaffee .....     | 31                           | 702      | 175.50      | 296.00                | ....                | 471.50            |
| Cheyenne .....    | 46                           | 277      | 69.25       | 59.00                 | .75                 | 129.00            |
| Clear Creek ..... | 51                           | 417      | 104.25      | 223.00                | ....                | 327.25            |
| Conejos .....     | 25                           | 664      | 166.00      | 237.00                | 4.50                | 407.50            |
| Costilla .....    | 38                           | 407      | 101.75      | 132.00                | 2.25                | 236.00            |
| Crowley .....     | 36                           | 424      | 106.00      | 120.00                | ....                | 226.00            |
| Custer .....      | 52                           | 203      | 50.75       | 80.00                 | 1.50                | 132.25            |
| Delta .....       | 18                           | 1,438    | 359.50      | 405.00                | 4.50                | 769.00            |
| Denver .....      | 1                            | 25,995   | 25,995.00   | 21,400.00             | 1,855.00            | 49,250.00         |
| Dolores .....     | 58                           | 221      | 55.25       | 60.00                 | .75                 | 116.00            |
| Douglas .....     | 47                           | 390      | 97.50       | 180.00                | 2.25                | 279.75            |
| Eagle .....       | 44                           | 441      | 110.25      | 148.00                | 2.25                | 260.50            |
| Elbert .....      | 34                           | 467      | 116.75      | 143.00                | 5.25                | 265.00            |
| El Paso .....     | 4                            | 4,464    | 1,116.00    | 1,815.00              | 86.50               | 3,017.50          |
| Fremont .....     | 14                           | 1,490    | 372.50      | 537.00                | 15.50               | 925.00            |
| Garfield .....    | 24                           | 682      | 170.50      | 265.00                | ....                | 435.50            |
| Gilpin .....      | 60                           | 188      | 47.00       | 106.00                | ....                | 153.00            |
| Grand .....       | 53                           | 495      | 123.75      | 172.00                | 1.50                | 297.25            |
| Gunnison .....    | 40                           | 580      | 145.00      | 163.00                | ....                | 308.00            |
| Hinsdale .....    | 63                           | 30       | 7.50        | 15.00                 | ....                | 22.50             |
| Huerfano .....    | 16                           | 911      | 227.75      | 361.00                | 34.75               | 623.50            |
| Jackson .....     | 59                           | 200      | 50.00       | 112.00                | 8.25                | 170.25            |
| Jefferson .....   | 11                           | 3,995    | 998.75      | 1,269.00              | 59.50               | 2,327.25          |
| Kiowa .....       | 45                           | 330      | 82.50       | 144.00                | .75                 | 227.25            |
| Kit Carson .....  | 26                           | 548      | 137.00      | 189.00                | ....                | 326.00            |
| Lake .....        | 41                           | 832      | 208.00      | 256.00                | ....                | 464.00            |
| La Plata .....    | 20                           | 938      | 234.50      | 510.00                | 13.50               | 758.00            |
| Larimer .....     | 6                            | 2,844    | 711.00      | 1,062.00              | 24.00               | 1,797.00          |
| Las Animas .....  | 5                            | 1,839    | 459.75      | 1,022.00              | 9.50                | 1,491.25          |
| Lincoln .....     | 33                           | 449      | 112.25      | 220.00                | 12.75               | 345.00            |
| Logan .....       | 13                           | 1,429    | 357.25      | 590.00                | 19.75               | 967.00            |
| Mesa .....        | 8                            | 2,569    | 642.25      | 998.00                | 43.50               | 1,683.75          |
| Mineral .....     | 62                           | 110      | 27.50       | 32.00                 | 1.50                | 61.00             |
| Moffat .....      | 42                           | 568      | 142.00      | 246.00                | ....                | 388.00            |
| Montezuma .....   | 32                           | 913      | 228.25      | 253.00                | 6.00                | 487.25            |
| Montrose .....    | 21                           | 1,335    | 333.75      | 398.00                | 32.25               | 764.00            |
| Morgan .....      | 15                           | 1,226    | 306.50      | 513.00                | 10.75               | 830.25            |
| Otero .....       | 9                            | 1,847    | 461.75      | 699.00                | 42.25               | 1,203.00          |
| Ouray .....       | 56                           | 129      | 32.25       | 55.00                 | ....                | 87.25             |
| Park .....        | 54                           | 374      | 93.50       | 155.00                | 4.50                | 253.00            |
| Phillips .....    | 37                           | 386      | 96.50       | 135.00                | 4.25                | 235.75            |
| Pitkin .....      | 57                           | 128      | 32.00       | 28.00                 | .75                 | 60.75             |
| Prowers .....     | 17                           | 1,374    | 343.50      | 550.00                | 16.50               | 910.00            |
| Pueblo .....      | 2                            | 5,931    | 1,482.75    | 1,841.00              | 84.25               | 3,408.00          |
| Rio Blanco .....  | 49                           | 305      | 76.25       | 112.00                | 2.25                | 190.50            |
| Rio Grande .....  | 23                           | 1,117    | 279.25      | 373.00                | 26.25               | 678.50            |
| Routt .....       | 28                           | 896      | 224.00      | 379.00                | 6.75                | 609.75            |
| Saguache .....    | 35                           | 359      | 89.75       | 160.00                | 3.75                | 253.50            |
| San Juan .....    | 55                           | 118      | 29.50       | 44.00                 | 6.75                | 80.25             |
| San Miguel .....  | 50                           | 331      | 82.75       | 108.00                | .75                 | 191.50            |
| Sedgwick .....    | 39                           | 494      | 123.50      | 105.00                | 6.00                | 234.50            |
| Summit .....      | 61                           | 214      | 53.50       | 56.00                 | ....                | 109.50            |
| Teller .....      | 43                           | 525      | 131.25      | 163.00                | ....                | 294.25            |
| Washington .....  | 27                           | 614      | 153.50      | 198.00                | 5.25                | 356.75            |
| Weld .....        | 3                            | 4,496    | 1,124.00    | 1,631.00              | 37.25               | 2,792.25          |
| Yuma .....        | 19                           | 1,081    | 270.25      | 380.00                | ....                | 650.25            |
| State .....       | ..                           | 94,504   | \$43,122.25 | \$46,305.00           | \$ 2,634.50         | \$92,061.75       |

**MOTOR VEHICLE OPERATIONS: REGISTRATIONS AND FEES COLLECTED,  
CALENDAR YEAR 1941, BY COUNTIES**

(Source: State Motor Vehicle Bureau)

| COUNTY      | Passen-<br>gers | Trucks<br>and<br>Trailers* | Dealers† | Motor-<br>cycles | Reissues<br>and<br>Replace-<br>ments‡ | Special<br>Permits | Total<br>Fees<br>Collected |
|-------------|-----------------|----------------------------|----------|------------------|---------------------------------------|--------------------|----------------------------|
| Adams       | 7,750           | 1,355                      | 49       | 16               | 2,032                                 | 200                | \$ 64,447.61               |
| Alamosa     | 2,727           | 362                        | 59       | 8                | 629                                   | 167                | 21,487.48                  |
| Arapahoe    | 12,122          | 820                        | 198      | 70               | 3,400                                 | 153                | 82,035.38                  |
| Archuleta   | 711             | 71                         | 8        | ...              | 148                                   | 16                 | 4,928.73                   |
| Baca        | 1,923           | 277                        | 17       | 6                | 526                                   | 296                | 15,405.46                  |
| Bent        | 2,804           | 192                        | 25       | 8                | 693                                   | 163                | 18,324.97                  |
| Boulder     | 12,322          | 1,193                      | 168      | 58               | 2,718                                 | 518                | 87,973.96                  |
| Chaffee     | 2,065           | 166                        | 44       | 3                | 402                                   | 135                | 14,628.12                  |
| Cheyenne    | 936             | 67                         | 24       | 3                | 244                                   | 80                 | 6,492.63                   |
| Clear Creek | 1,333           | 159                        | 26       | 4                | 281                                   | 115                | 10,348.69                  |
| Conejos     | 2,056           | 274                        | 10       | 4                | 431                                   | 10                 | 15,217.08                  |
| Costilla    | 981             | 179                        | ...      | 3                | 253                                   | 11                 | 7,523.49                   |
| Crowley     | 1,408           | 249                        | 23       | 2                | 346                                   | 40                 | 11,815.90                  |
| Custer      | 641             | 81                         | 2        | ...              | 132                                   | 37                 | 4,760.28                   |
| Delta       | 4,517           | 530                        | 79       | 8                | 951                                   | 129                | 33,119.10                  |
| Denver      | 102,295         | 6,838                      | 1,156    | 499              | 26,063                                | 4,876              | 723,881.68                 |
| Dolores     | 480             | 57                         | 3        | ...              | 115                                   | 6                  | 3,316.41                   |
| Douglas     | 1,355           | 158                        | 7        | 2                | 344                                   | 91                 | 10,434.96                  |
| Eagle       | 1,552           | 133                        | 13       | 3                | 304                                   | 12                 | 10,767.32                  |
| Elbert      | 1,703           | 129                        | 8        | 3                | 403                                   | 17                 | 11,420.35                  |
| El Paso     | 17,674          | 1,056                      | 239      | 77               | 3,784                                 | 836                | 121,542.16                 |
| Fremont     | 5,358           | 527                        | 103      | 42               | 1,053                                 | 83                 | 39,439.27                  |
| Garfield    | 2,776           | 325                        | 61       | 9                | 508                                   | 296                | 20,480.86                  |
| Gilpin      | 561             | 54                         | ...      | 2                | 105                                   | 18                 | 3,915.12                   |
| Grand       | 1,370           | 179                        | 19       | ...              | 307                                   | 23                 | 10,221.91                  |
| Gunnison    | 1,793           | 161                        | 30       | 4                | 370                                   | 104                | 12,513.34                  |
| Hinsdale    | 71              | 19                         | ...      | ...              | 14                                    | 1                  | 642.25                     |
| Huerfano    | 3,050           | 236                        | 41       | 7                | 591                                   | 57                 | 20,951.35                  |
| Jackson     | 667             | 108                        | 8        | 1                | 131                                   | 99                 | 5,259.82                   |
| Jefferson   | 12,178          | 825                        | 123      | 45               | 3,118                                 | 708                | 81,418.44                  |
| Kiowa       | 882             | 67                         | 10       | 1                | 201                                   | 34                 | 6,248.75                   |
| Kit Carson  | 2,141           | 163                        | 58       | 4                | 557                                   | 71                 | 14,732.10                  |
| Lake        | 2,152           | 163                        | 29       | 8                | 553                                   | 105                | 14,811.69                  |
| La Plata    | 3,575           | 325                        | 73       | 13               | 784                                   | 223                | 25,876.14                  |
| Larimer     | 11,377          | 1,432                      | 162      | 50               | 2,555                                 | 355                | 87,024.07                  |
| Las Animas  | 6,568           | 609                        | 88       | 12               | 1,474                                 | 154                | 49,748.44                  |
| Lincoln     | 1,856           | 135                        | 37       | 5                | 479                                   | 83                 | 12,823.76                  |
| Logan       | 5,255           | 1,000                      | 91       | 14               | 1,325                                 | 173                | 46,119.30                  |
| Mesa        | 9,553           | 925                        | 170      | 56               | 2,194                                 | 794                | 69,205.80                  |
| Mineral     | 301             | 38                         | ...      | ...              | 78                                    | 1                  | 2,295.68                   |
| Moffat      | 1,602           | 224                        | 29       | 7                | 432                                   | 85                 | 12,851.97                  |
| Montezuma   | 2,387           | 282                        | 45       | 1                | 547                                   | 146                | 17,738.80                  |
| Montrose    | 4,405           | 533                        | 69       | 8                | 1,022                                 | 299                | 33,679.56                  |
| Morgan      | 4,981           | 925                        | 93       | 13               | 1,229                                 | 70                 | 43,007.28                  |
| Otero       | 6,128           | 770                        | 120      | 14               | 1,456                                 | 43                 | 47,845.47                  |
| Ouray       | 550             | 38                         | 8        | 1                | 100                                   | 31                 | 3,687.69                   |
| Park        | 1,262           | 162                        | 18       | 3                | 327                                   | 65                 | 9,927.84                   |
| Phillips    | 1,598           | 260                        | 42       | 1                | 394                                   | 38                 | 13,272.91                  |
| Pitkin      | 418             | 40                         | ...      | ...              | 66                                    | 8                  | 2,877.94                   |
| Prowers     | 3,620           | 337                        | 81       | 7                | 1,022                                 | 355                | 26,546.23                  |
| Pueblo      | 20,082          | 1,374                      | 245      | 112              | 5,644                                 | 1,037              | 139,809.43                 |
| Rio Blanco  | 880             | 93                         | 14       | 4                | 189                                   | 59                 | 6,303.72                   |
| Rio Grande  | 3,421           | 612                        | 52       | 15               | 784                                   | 125                | 29,195.69                  |
| Routt       | 3,010           | 287                        | 46       | 7                | 639                                   | 72                 | 20,580.34                  |
| Saguache    | 1,431           | 226                        | 14       | 3                | 295                                   | 17                 | 11,665.38                  |
| San Juan    | 413             | 41                         | 5        | ...              | 91                                    | 69                 | 2,999.24                   |
| San Miguel  | 927             | 79                         | 8        | 3                | 210                                   | 118                | 6,458.49                   |
| Sedgwick    | 1,600           | 337                        | 38       | ...              | 394                                   | 122                | 14,155.50                  |
| Summit      | 580             | 56                         | ...      | 2                | 149                                   | 30                 | 4,013.40                   |
| Teller      | 1,970           | 183                        | 15       | 3                | 453                                   | 173                | 14,351.44                  |
| Washington  | 2,403           | 233                        | 33       | ...              | 557                                   | 33                 | 16,837.34                  |
| Weld        | 18,745          | 3,655                      | 241      | 48               | 4,441                                 | 887                | 163,583.97                 |
| Yuma        | 3,466           | 553                        | 71       | 6                | 878                                   | 199                | 27,263.85                  |
| State       | 336,718         | *32,937                    | †4,548   | 1,308            | †81,915                               | 15,401             | \$2,472,749.63             |

\*Includes 21,050 trucks and 1,887 trailers.

†Includes 4,362 passenger car dealers, 171 truck dealers and 15 motorcycle dealers.

‡Includes 4,080 replacements and 77,835 reissues.

## Wildlife, Fish and Game

State and Federal Activities, Game Refuges, Fish Hatcheries, Fishing and Hunting Licenses, Record Fish Caught, Native and Introduced Trout Species, Big Game Inventory, Fur Industry, Fishing Census, Stream Stocking

ALL game and fish within the state of Colorado, not legally acquired and held in private ownership, are declared by law to be the property of the state, and no right, title or interest therein can be acquired, transferred, possessed or maintained except under the provisions of the law.

For the protection, propagation and conservation of wildlife in all forms in the public interest there have been established a number of agencies, including both federal and state, for the administration of the acts of congress and of the state general assembly. These provide not only for the regulation of hunting, fishing, trapping and possession of game, fish and fur-bearing animals, but for the establishment of reserves, game management and research and control of predatory animals and rodents.

The Colorado Game and Fish commission is the agency through which all game, fish and wildlife activities for the state are conducted. It works in cooperation with the United States Fish and Wildlife service, into which was consolidated on June 30, 1940, the work formerly carried on by the bureau of biological survey and the bureau of fisheries. A close relationship also is maintained with the national forest service, the grazing service and other federal and state organizations.

The wildlife service began its operations under the provisions of the Pittman-Robertson act of 1937 in the fiscal year 1939. This act, known as the Wildlife Restoration act, became effective July 1, 1938. It authorizes financial aid to the states in their wildlife restoration projects; the establishment, reconditioning and development of national wildlife refuges; a waterfowl restoration program, and extensive research. The act authorizes appropriations to the states of not to exceed the annual revenue of the federal government from the 10 per cent tax on sporting arms and ammunition, augmented by state contributions.

### COLORADO GAME AND FISH COMMISSION

An act of the 31st general assembly, approved March 10, 1937, created a state game and fish commission of six members, with the Governor as an ex-officio member, to supersede the state game and fish department formerly conducted under the supervision of a commissioner. This act also divided the state into six game and fish districts, each district having one representative on the commission. Members of the commission are appointed by the Governor.

The districts, members and officers of the commission and the counties within the districts as of June 1, 1942, are as follows:

Dist. No. 1—Dr. Harold Watson, Denver. City and county of Denver.

Dist. No. 2—N. Dean Henry, secretary, Wray. Adams, Arapahoe, Elbert, Douglas, Clear Creek, Gilpin, Jefferson, Boulder, Larimer, Weld, Morgan, Logan, Sedgwick, Phillips, Yuma and Washington counties.

Dist. No. 3—H. G. Kendall, vice-president, Trinidad. Lincoln, Kit Carson, Cheyenne, Crowley, Kiowa, Otero, Bent, Prowers, Las Animas and Baca counties.

Dist. No. 4—Otis E. McIntyre, president, Colorado Springs. Conejos, Costilla, Mineral, Rio Grande, Alamosa. Huerfano, Saguache, Custer, Pueblo, Fremont, Lake, Chaffee, Park, Teller, and El Paso counties.

Dist. No. 5—B. H. Jorgensen, Gunnison. Montezuma, La Plata, Archuleta, Hinsdale, San Juan. Dolores, San Miguel, Ouray, Montrose, Delta, Gunnison and Pitkin counties.

Dist. No. 6—R. G. Lyttle, Meeker. Mesa, Garfield, Eagle, Summit, Rio Blanco, Grand, Routt, Jackson and Moffat counties.

C. N. Feast is director of the commission, and John D. Hart, assistant director.

The cost of operating the department is financed through revenues received from the sale of licenses and permits, fines for violations of the laws, the sale of beaver pelts, etc. Funds received

from federal sources under state-aid laws are outlined later in this chapter.

**Licenses and Permits**—All persons 14 years or more of age are required to purchase licenses to hunt and persons 16 years or more to fish in Colorado. Big game licenses are sold only to persons who have reached the age of 18. Women must obtain licenses the same as men. The amount of the fee depends upon the type of license issued, and with each license is given a summary of the rules and regulations governing the use of same. All licenses are subject to the regulations governing open and closed seasons and areas, limits on take, etc.

Trappers, resident and non-resident, are forbidden to trap or in any manner kill, take, capture or hunt fur-bearing animals without first obtaining a license.

Lakes, parks, or any body of water wholly within land in private ownership come within the regulations and the owner must obtain a license to propagate or keep fish or game therein for public or private uses.

All persons who deal in or sell, broker or purchase raw or green pelts of fur-bearing animals must obtain licenses and comply with regulations for the control of their activities. Manufacturers who buy raw or green pelts come within this provision.

Hunting and fishing guides are required to take out licenses and make reports to the commission. They may have the status of deputy game wardens.

Commercial taxidermists must obtain licenses and submit to regulations concerning the mounting, importing or exporting of specimens.

Reputable or incorporated scientific societies of natural history or science are granted permits to collect specimens for scientific purposes only, at any time of the year, upon a request of the Governor, indorsed by two well-known scientists and the posting of a \$1,000 bond.

The importation of game and fish for propagation or for consumption in hotels and restaurants comes under certain provisions of the law and requires the taking out of licenses or permits.

A total of 210,387 hunting, fishing, big game and trappers' licenses were issued by the department in 1941, an all time record. Fees from same were \$496,526. This compares with 198,800 licenses and \$449,991 in fees in 1940. The number issued by types and by years is given in an accompanying table.

**Hatcheries**—The state owns and operates 15 hatcheries used in stocking fishing streams with trout and two hatcheries at Las Animas, and Wray for the propagation of bass, crappies, perch and other varieties of warm water fish. These hatcheries are among the most modern and complete in the United States.

The trout hatcheries, the counties in which they are located, and the area of land included in each are as follows:

| Hatchery              | County           | Acres |
|-----------------------|------------------|-------|
| Buena Vista.....      | Chaffee .....    | 205   |
| Cedaredge.....        | Delta .....      | 13    |
| Denver.....           | Adams .....      | 26    |
| Del Norte.....        | Rio Grande ..... | 10    |
| Durango.....          | La Plata.....    | 13    |
| Estes Park.....       | Larimer .....    | 10    |
| Fort Collins.....     | Larimer .....    | 7     |
| Grand Lake.....       | Grand .....      | 1     |
| Glenwood Springs..... | Garfield .....   | 5     |
| Pitkin.....           | Gunnison .....   | 20    |
| Rye.....              | Pueblo .....     | 5     |
| Steamboat Spgs.....   | Routt .....      | ..    |
| Trappers Lake.....    | Rio Blanco.....  | 10    |
| Walden.....           | Jackson .....    | 126   |
| La Jara.....          | Conejos .....    | 12    |

The department has four large reservoirs for egg-spawn taking purposes. In former years spawn was taken from wild lakes, but under the present system the reservoirs are used exclusively for that purpose and no trout are taken from them.

The location and description of these reservoirs are as follows:

Haviland reservoir, La Plata county, 80 acres of deeded land and 120 acres under government easement, 84 acres of water.

Parvin reservoir, Larimer county, 160 acres of deeded land, 90 acres of water.

Tarryall reservoir, Park county, 900 acres of land and 400 acres of water.

Monument lake, Las Animas county.

**Trout Planting**—The commission plants annually 5,000,000 to 6,000,000 trout in the streams of the state. Of that number approximately 1,000,000 are legal size (seven or more inches in length). In 1939 the commission adopted the policy of rearing the "fry" in ponds, of which it has an increasingly large number, until they are of sufficient size and strength to escape the cannibalism of the larger fish. The result has been a higher percentage of survival and of their availability for the sportsman. This is a permanent policy which eventually is intended to realize a maximum of legal size in the distribution from the hatcheries.

The United States forest service annually stocks many of the streams in the national forests, a large propor-

tion of which are purchased from the state hatcheries.

Additional information on this subject and on big game in the national forests will be found in the chapter, "Federal Lands and Reserves."

A number of private hatcheries are operated in the state for supplying trout for market purposes and for stocking private lakes and streams upon which summer resorts are located.

**Game and Fish Species**—Game and fish under the control of the commission, the killing, sale or possession of which is forbidden except under the provisions of the law, are as follows: Bear, bison, buffalo, elk, deer, antelope, mountain sheep, beaver, turkey, prairie chicken, sage chicken, grouse, quail, pheasant, partridge, ptarmigan, duck, goose, brant, swan, crane, waterfowl, pigeon, dove, snipe or curlew, trout, white fish, grayling, sunfish, bass, wall-eyed pike or other food fish. The killing of Albert or Black or tuft-eared squirrel is also prohibited.

Animals classed as fur-bearing and under the jurisdiction of the department are: Beaver, fisher, all species of fox, marten, mink, muskrat, otter, raccoon, weasel, wolverine, ring-tail cat and opossum or any other animal except predators which may be declared to be fur-bearing.

Coyotes, mountain lions, wolves, bobcats and lynx are not classed as big game. A bounty of \$50 is offered by the department for each mountain lion killed.

Colorado ranks close to the top among the states in the number of big game within its boundaries. An inventory of big game with additional information concerning same, made by the United States biological survey is published under a separate heading. Additional information on the number of big game in the national forests is found in the chapter on "Federal Lands and Reserves."

A table published herewith lists and describes the native and introduced species of trout in Colorado.

**Game Refuges**—There are now within the state 30 protected areas, exclusive of federal aid refuges noted later in this chapter, in which game may not be killed at any time, except certain predatory animals, which may be trapped or hunted under special permits granted by the state game and fish commission. These areas comprise 3,757,120 acres, of which approximately 2,400,000 are within the boundaries of national forests. The areas are known

as game refuges, or sanctuaries, the following having been created by the state legislature:

| Refuge                        | County                     | Area (Acres) |
|-------------------------------|----------------------------|--------------|
| Apache                        | Pueblo                     | 9,920        |
| Bear Creek and Tower Mountain | San Juan                   | 11,040       |
| Beuck                         | Elbert                     | 40,960       |
| Bijou Valley                  | Arapahoe                   | 21,760       |
| Buffalo Peaks                 | Lake-Park-Chaffee          | 192,640      |
| Cameron Pass                  | Jackson                    | 63,360       |
| Carrizo                       | Baca                       | 7,680        |
| Cochetopa                     | Saguache-Hinsdale          | 302,560      |
| Colorado                      | Boulder-Larimer            | 546,800      |
| Colorado Antelope             | Larimer                    | 69,120       |
| Crystal Creek                 | Gunnison                   | 17,440       |
| Denver Mountain               |                            |              |
| Parks                         | Jefferson-Clear Creek-Park | 470,400      |
| Dickinson                     | Kit Carson-Cheyenne        | 75,000       |
| Douglas Mountain              | Moffat                     | 357,120      |
| Gunnison                      | Gunnison                   | 283,520      |
| Holy Cross                    | Eagle                      | 39,200       |
| Julesburg                     | Sedgwick-Logan             | 12,000       |
| Newlan Creek                  | Fremont-Custer             | 48,800       |
| North Park                    | Jackson                    | 18,560       |
| Ouray                         | Ouray                      | 53,120       |
| Pikes Peak                    | El Paso-Teller             | 281,180      |
| Poncha Pass                   | Gunnison-Saguache          | 63,520       |
| Royal Gorge                   | Fremont                    | 65,600       |
| Smith Hollow                  | Pueblo                     | 5,200        |
| Snowmass                      | Pitkin                     | 96,640       |
| Spanish Peaks                 | Huerfano-Las Animas        | 79,360       |
| Two Buttes                    | Prowers                    | 3,500        |
| Waugh Mountain                | Fremont                    | 26,880       |
| White River                   | Rio Blanco                 | 412,160      |
| Williams Fork                 | Grand                      | 82,080       |
| Total                         |                            | 3,757,120    |

**Federal Aid**—Colorado qualified for participation in federal aid to states in wildlife restoration projects under the provisions of the Pittman-Robertson act by an act of the state assembly approved May 10, 1939. The federal funds come from a 10 per cent tax on sporting arms and ammunition and are apportioned among the states on the basis of one-half on area and one-half on license sold in proportion to license sales in the nation. The federal law provides that in order to qualify a state must devote all income derived from game licenses to wildlife management, administration and development. The three divisions of work possible under the Pittman-Robertson act are research and investigation of wildlife species, their status, requirements, and possibilities for development under management and related facts; the acquisition of land required as range for wildlife game species, and the development of habitats suitable for game species on such land acquired.

The division of the state game and fish department which was established to carry out the federal aid program has been in operation since December 1, 1938. A staff of university-trained men with degrees in biology, forestry, range management and wildlife management have been making field inves-

tigations of Colorado's big game problems under the direction of Arthur H. Carhart, state coordinator of Pittman-Robertson projects. Headquarters of the division are at 1530 Sherman street, Denver.

Refuges established under the joint program have title in the state. Acquisitions up to June 1, 1942, are as follows:

**Apishapa Canyon Refuge**—5,527.89 acres in Apishapa canyon in Las Animas county and on adjacent plains, an area for the benefit of antelope, scaled quail, wild turkey and other native game species.

**Basalt Mountain Game Refuge**—517 acres on Tonar creek, three miles above Basalt, in Eagle county, with range rights on 1,200 acres grazing service land and 4,500 acres of forest service land.

**Butte Lake Game Refuge**—644.65 acres in Jackson county, embracing the westerly shore of Butte lake and eastern slope of Delaney butte, wintering range for deer and nesting ground for sage grouse and ducks. The grazing service has allotted 640 acres of contiguous property, making a total of 1,284.65 acres.

**Cathedral Deer Refuge**—640 acres at the junction of Willow and Cathedral creeks in Rio Blanco county, with commensurate rights on adjacent range equal to 1,200 additional acres of game range.

**Devil Creek Turkey Ranch**—561.6 acres on Devil creek near Pagosa Springs, to be utilized for the protection and production of a pure strain of native wild turkeys.

**Hot Sulphur Game Refuge**—Purchase of 160 acres, lease on 640 acres of state school land with commensurate rights to additional 1,200 acres adjacent, on Highway 40, between Hot Sulphur Springs and Parshall, in Grand county.

**Missouri Creek Refuge**—2,069.52 acres in the drainage of Missouri creek near Rangely as wintering range for the Douglas creek deer herds, to which the grazing service allotted a large block of adjacent federal land for game use.

**Sapinero Deer and Elk Refuge**—6,688.96 acres in Gunnison county above Highway 50, below the Gunnison national forest and extending six miles east and west in heart of winter range for game herds in this district. With this purchase there was allotted by the grazing service of the department of the interior range rights which brings the total area reserved for game use to 17,617 acres.

The inventory value of the property of the state game and fish department as of June 30, 1940, as reported by the public examiner, was as follows:

|                                |                    |
|--------------------------------|--------------------|
| Land .....                     | \$ 710,000         |
| Building and improvements..... | 448,381            |
| Tools and equipment.....       | 30,700             |
| Furniture and fixtures.....    | 7,307              |
| Autos, trucks.....             | 28,692             |
| General supplies.....          | 20,000             |
| Livestock.....                 | 1,500,000          |
| <b>Total .....</b>             | <b>\$2,785,834</b> |

Total disbursements of the department by fiscal years ending June 30, as reported by the public examiner, are as follows:

| <b>Year</b> | <b>Amount</b> |
|-------------|---------------|
| 1930 .....  | \$318,847.38  |
| 1931 .....  | 276,421.79    |
| 1932 .....  | 233,036.89    |
| 1933 .....  | 223,904.38    |
| 1934 .....  | 209,433.78    |
| 1935 .....  | 186,285.94    |
| 1936 .....  | 197,669.29    |
| 1937 .....  | 239,093.38    |
| 1938 .....  | 328,233.43    |
| 1939 .....  | 413,010.03    |

#### PREDATORY BIRD CONTROL

The predatory bird control is a new service inaugurated by the state game and fish commission for the elimination of injurious birds in Colorado. Its primary purpose is to protect the farmer and poultryman as well as the eggs and young of game and song birds from their worst enemies.

The department places the greatest emphasis in the performance of this service on the eradication of crows and magpies. Although the various predatory species of hawks are sometimes considered undesirable, the department considers them as doing more good than harm and no concerted attempt is being made to disturb them.

The first predatory bird trapper was put in the field in March, 1937, and since then the staff has been increased. More than 100 stationary magpie traps are operated in districts in which the pest is reported, these being moved from place to place, and their operation has resulted in the catching and killing of 50,000 birds up to the end of the 1941 fiscal year, exclusive of the catch by landowners in traps supplied by the department.

The eradication of crows is facilitated through the organization of crow hunts in which a large number of men engage in "shoots" at night when the birds are located roosting in great flocks. In one such shoot 86 men with shotguns have killed as many as 2,000 crows with a single loading of their guns. A successful "bombing" of one roost netted 3,000 crows.

**HUNTING AND FISHING LICENSES: NUMBER OF LICENSES SOLD IN COLORADO,  
BY CALENDAR YEARS**

(Source: State Game and Fish Commission)

| Year      | Resident Licenses                        |                        |             |               | Non-Resident Licenses |        |               |             |               | Total    |
|-----------|--|------------------------|-------------|---------------|-----------------------|--------|---------------|-------------|---------------|----------|
|           | Combination<br>Hunting<br>and<br>Fishing | Women's<br>Combination | Big<br>Game | Trap-<br>pers | Fishing               |        | Hunting       |             | Trap-<br>pers |          |
|           |  |                        |             |               | Season                | 10-Day | Small<br>Game | Big<br>Game |               |          |
| 1920..... | 86,371                                   | ....                   | 15,951      | ....          | 5,387                 | ....   | 138           | 67          | ..            | 107,914  |
| 1921..... | 89,598                                   | ....                   | 8,337       | ....          | 2,445                 | ....   | 117           | 42          | ..            | 100,539  |
| 1922..... | 72,333                                   | ....                   | 6,960       | ....          | 2,480                 | ....   | 104           | 29          | ..            | 81,906   |
| 1923..... | 71,254                                   | ....                   | 6,891       | ....          | 2,954                 | ....   | 102           | 26          | ..            | 81,227   |
| 1924..... | 80,735                                   | ....                   | 7,979       | ....          | 5,223                 | ....   | 178           | 46          | ..            | 94,161   |
| 1925..... | 84,852                                   | ....                   | 8,411       | ....          | 6,459                 | ....   | 249           | 47          | ..            | 100,018  |
| 1926..... | 88,570                                   | ....                   | 8,956       | ....          | 7,374                 | ....   | 306           | 65          | ..            | 105,271  |
| 1927..... | 93,355                                   | ....                   | 9,383       | ....          | 8,653                 | ....   | 353           | 70          | ..            | 111,814  |
| 1928..... | 95,512                                   | ....                   | 11,793      | ....          | 8,769                 | ....   | 301           | 119         | ..            | 116,494  |
| 1929..... | 96,432                                   | ....                   | 13,652      | ....          | 9,882                 | ....   | 227           | 170         | ..            | 120,363  |
| 1930..... | 96,495                                   | ....                   | 14,393      | ....          | 9,648                 | ....   | 134           | 198         | ..            | 120,868  |
| 1931..... | 87,587                                   | ....                   | 13,046      | ....          | 8,272                 | ....   | 182           | 120         | ..            | *113,081 |
| 1932..... | 68,140                                   | ....                   | 9,536       | ....          | 5,922                 | ....   | 89            | 57          | ..            | 83,744   |
| 1933..... | 58,191                                   | ....                   | 9,332       | ....          | 5,664                 | ....   | 90            | 80          | ..            | 73,357   |
| 1934..... | 65,070                                   | ....                   | 12,054      | ....          | 8,586                 | ....   | 144           | 183         | ..            | 86,037   |
| 1935..... | 66,975                                   | ....                   | 14,468      | ....          | 8,995                 | ....   | 125           | 266         | ..            | 90,829   |
| 1936..... | 79,205                                   | ....                   | 16,712      | ....          | 12,767                | ....   | 192           | 432         | ..            | 109,308  |
| 1937..... | 87,568                                   | ....                   | 20,426      | ....          | 13,745                | ....   | 106           | 723         | ..            | 122,568  |
| 1938..... | 96,359                                   | ....                   | 23,770      | ....          | 13,016                | ....   | 134           | 808         | ..            | 134,087  |
| 1939..... | 105,301                                  | 14,889                 | 26,764      | 2,113         | 3,308                 | 21,872 | 196           | 981         | 4             | 175,428  |
| 1940..... | 106,803                                  | 19,888                 | 31,016      | 2,605         | 2,303                 | 28,871 | 239           | 1,359       | 1             | †198,800 |
| 1941..... | 108,534                                  | 22,615                 | 34,677      | 2,936         | 9,154                 | 24,257 | 321           | 1,721       | 1             | ‡210,387 |

\*Includes 3,874 Elk licenses.

†Includes 5,715 special big game licenses.

‡Includes 6,171 special big game licenses.

**COLORADO TROUT: NATIVE AND INTRODUCED SPECIES, COMMON AND SCIENTIFIC NAMES AND GENERAL DESCRIPTION**

(Source: "Colorado Trout," by William S. Green, Jr.)\*

| Common Name                        | Scientific Name                                | Description  |
|------------------------------------|--|--|
| Colorado River.....                | <i>Trutta pleuriticus</i> ...                  | Native. Belongs to the cut-throat series. Black spots well distributed, being more abundant toward the tail. Usually shows red or orange fins. Deep red marks on each side of throat near inner edge of lower jaw. Game, but seldom break water.   |
| Rio Grande.....                    | <i>Trutta virginalis</i> ....                  | Native. Resembles the Colorado River trout, but black spots are less numerous and smaller, and scales are larger and less crowded together toward front part of body. Occasionally two feet in length.   |
| Yellow-Fin .....                   | <i>Trutta macdonaldi</i> ...                   | Native. Originally found in Twin Lakes, but now apparently extinct except as a blend of original species.  |
| Green-Back .....                   | <i>Trutta stomias</i> .....                    | Aboriginal trout of the Arkansas and Platte river systems. Small, rarely exceeding a pound in weight. Pure strain seldom found.  |
| McCloud River<br>Rainbow .....     | <i>Trutta shasta</i> .....                     | Introduced species. Distribution state-wide in suitable waters. Variable in size according to temperature, volume of water and food supply. Rainbow stripes on each side. Gill covers tinged with opalescent rosy wash. Most abundant in swift cold waters.  |
| European Brown or<br>Von Behr..... | <i>Trutta fario</i> .....                      | Introduced species. Large, ranging up to 2 to 3 pounds. Back and sides brown. Dark spots on back running down to tail. Red spots on sides, each with light brown background. Wary and hard to catch.   |
| Loch Leven.....                    | <i>Trutta fario</i><br><i>levenensis</i> ..... | Introduced species. Interbred with the brown trout to such an extent that pure strain is seldom found.   |
| Steel Head or<br>Salmon .....      | <i>Trutta gairdneri</i> ....                   | Introduced species. Relatively unimportant in Colorado because other species have proved more desirable.   |
| South Fork Golden...               | <i>Trutta agua-bonita</i> ...                  | Introduced species. Most beautiful of all species. State faced with problem of preventing their complete extinction. Planting of 25,000 in Gwendolyn lake in 1923 doing well and efforts will be made to introduce them into other suitable waters.  |
| Yellowstone .....                  | <i>Trutta lewisi</i> .....                     | Introduced species, principally in lakes of Grand Mesa region. Difficult to distinguish from natives, except spots are less abundant and tends toward yellow coloring on belly.  |
| Eastern Brook.....                 | <i>Salvelinus fontinalis</i> .                 | Most widely known of introduced species. Dark olivaceous green background with innumerable light spots rather uniformly distributed along both sides. Some of spots pale yellow with others are lavender or violet with small red center. Scales very small.   |
| Lake or Mackinaw...                | <i>Cristivomer namay-</i><br><i>cush</i> ..... | Introduced from Great Lakes region. Long and pointed head, long slender maxillary and deeply forked tail fin. Color deep olive green above gradually becoming lighter on sides. Numerous spots of yellowish hue on back and sides. Adapted to mountain lakes of great depth. Sluggish nature and is not very game. Grows to weight of ten or more pounds. Not widely distributed in the state. |

\*Published by the Colorado Museum of Natural History, 25c.

## COLORADO FISH RECORD: LARGEST CAUGHT, BY SPECIES AND BY YEARS

(Source: The Dave Cook Sporting Goods Company, Denver)

|               | 1941           | 1940           | 1939            | 1938          | 1937           |
|---------------|----------------|----------------|-----------------|---------------|----------------|
| BASS-----     | 6 lbs. 10½ oz. | 7 lbs. 1 oz.   | 8 lbs. 3 oz.    | 7 lbs. 4 oz.  | 6 lbs. 8 oz.   |
| Where caught. | Sand Pit       | Boyd's Lake    | Boyd's Lake     | Loveland Lake | Pomona Lake    |
| TROUT-----    | †10 lbs. 6 oz. | 13 lbs. 6 oz.  | †13 lbs. 6 oz.  | †11 lbs.      | *12 lbs. 5 oz. |
| Where caught. | Gunnison River | Near Hartsel   | Hohn Holtz Lake | Poudre River  | Savage Lake    |
| PERCH-----    | 1 lb. 7 oz.    | 1 lb. 10 oz.   | 1 lb. 14 oz.    | 2 lbs. 10 oz. | 1 lb. 15 oz.   |
| Where caught. | Lone Tree Lake | Sterling Res.  | Jackson Lake    | Weber Lake    | Deggs Lake     |
| CRAPPIE-----  | 2 lbs. 7 oz.   | 3 lbs.         | 3 lbs. 4 oz.    | 2 lbs. 7½ oz. | 2 lbs. 11 oz.  |
| Where caught. | Horseshoe Lake | Horseshoe Lake | Two Buttes Res. | Loveland Lake | Boyd's Lake    |

\*Mackinaw. †German Brown.

## BIG GAME INVENTORY

The Division of Wildlife Research of the United States biological survey makes an annual inventory of big game in the United States to ascertain where most of the big game animals are found, their number and present status, and whether the species face extermination or are on the road to permanent preservation.

The inventory covers 15 groups or races of big game of which seven are found in Colorado in considerable numbers and eight are not listed for this state. The latter include the white-tailed deer, Columbian black-tailed deer; woodland caribou, moose, desert bighorn, mountain goat, peccary or javelina, and European wild boar. Of the seven species native to Colorado, the census of 1940 reports 2,030,343 in the United States and 313,349 or 15.4 per cent in this state.

The rank of Colorado among the states of the Union in 1940, and the per cents of the total in the United States found in this state, are as follows:

| Species                    | Rank Colo. | Per Cent of U.S. |
|----------------------------|------------|------------------|
| Mule deer .....            | 2          | 20.1             |
| Rocky Mountain bighorn...  | 3          | 23.6             |
| Elk .....                  | 2          | 15.6             |
| Grizzly bear .....         | 5          | 3.0              |
| Buffalo .....              | 12         | (1)              |
| Black bear .....           | 8          | 4.7              |
| Prong-horned antelope .... | 10         | 2.6              |

(1) Less than 1 per cent.

The inventory for 1940 credits Colorado with 313,349 big game animals, of which 172,025 or 54.4 per cent were

in the national forests, 92,890 or 29.8 per cent were in federal grazing districts, and 45,000 or 14.5 per cent were on state and private land, the remainder being in the national parks and monuments. The figures include some duplication due to the movement of animals from summer to winter ranges and do not include animals in zoological parks or semi-outdoor herds used for public or private exhibition purposes.

An accompanying table shows the inventory for Colorado by races and location and by years.

## BIRD REHABILITATION

The state game and fish commission has set up a project for studying the adaptability of game bird species throughout Colorado as a continuing long-time policy of rehabilitating desirable species in the state. An appropriation of \$2,359 was set aside for the first year's work, followed by the allocation of an additional \$9,612 in May, 1941, for this purpose. After reconnaissance surveys to discover areas best adapted to their needs, 1,500 pheasants and 1,500 chuckars were distributed in the state in groups of 50 birds each to further establish survival success on habitat types. Preliminary results seem to indicate that chuckars are doing well in only four types of environment, but further study will be necessary before reaching any final conclusions. Native wild turkeys also are being trapped and redistributed to their original habitat.

**BIG GAME: INVENTORY FOR COLORADO, BY YEARS**

(Source: U. S. Bureau of Biological Survey)

|   | National<br>Forests | National<br>Parks and<br>Monuments | State and<br>Private<br>Lands | Grazing<br>Districts | Total   |
|---|---------------------|------------------------------------|-------------------------------|----------------------|---------|
| White-tailed deer ( <i>Odocoileus virginianus</i> ):                |                     |                                    |                               |                      |         |
| 1937.....   | 50                  | ....                               | 100                           | ....                 | 150     |
| Mule deer ( <i>Odocoileus hemionus</i> except <i>columbianus</i> ): |                     |                                    |                               |                      |         |
| 1937.....   | 103,950             | 1,680                              | *11,000                       | 54,400               | 171,030 |
| 1938.....   | 117,100             | 790                                | 12,000                        | 159,500              | 289,390 |
| 1939.....   | 131,000             | 1,630                              | 32,020                        | 60,350               | 225,000 |
| 1940.....   | 143,000             | 1,700                              | *32,000                       | 92,125               | 268,825 |
| Elk ( <i>Cervus canadensis</i> ):                                   |                     |                                    |                               |                      |         |
| 1937.....   | 20,440              | ....                               | 2,000                         | 715                  | 23,155  |
| 1938.....   | 20,000              | ....                               | ....                          | 6,000                | 26,000  |
| 1939.....   | 19,000              | 1,000                              | 9,285                         | 715                  | 30,000  |
| 1940.....   | 22,000              | 1,252                              | *9,000                        | 165                  | 32,417  |
| Prong-horn antelope ( <i>Antilocapra americana</i> ):               |                     |                                    |                               |                      |         |
| 1937.....   | 210                 | ....                               | 2,000                         | 300                  | 2,510   |
| 1938.....   | 270                 | ....                               | ....                          | 1,500                | 1,770   |
| 1939.....   | 120                 | ....                               | 4,380                         | 500                  | 5,000   |
| 1940.....   | 120                 | ....                               | 4,000                         | 500                  | 4,620   |
| Rocky Mountain bighorn ( <i>Ovis canadensis canadensis</i> ):       |                     |                                    |                               |                      |         |
| 1937.....   | 2,100               | 175                                | ....                          | ....                 | 2,275   |
| 1938.....   | 1,980               | 145                                | ....                          | 25                   | 2,150   |
| 1939.....   | 1,900               | 385                                | ....                          | ....                 | 2,285   |
| 1940.....   | 2,000               | 403                                | ....                          | ....                 | 2,403   |
| Black bear ( <i>Euarctos americanus</i> ):                          |                     |                                    |                               |                      |         |
| 1937.....   | 4,250               | 37                                 | 400                           | 147                  | 4,834   |
| 1938.....   | 4,750               | 47                                 | ....                          | 75                   | 4,872   |
| 1939.....   | 4,900               | 88                                 | ....                          | 110                  | 5,098   |
| 1940.....   | 4,900               | 59                                 | ....                          | *100                 | 5,059   |
| Grizzly bear ( <i>Ursus horribilis</i> ):                           |                     |                                    |                               |                      |         |
| 1937.....   | 9                   | ....                               | ....                          | ....                 | 9       |
| 1938.....   | 26                  | ....                               | ....                          | ....                 | 26      |
| 1939.....   | 10                  | ....                               | ....                          | ....                 | 10      |
| 1940.....   | 5                   | ....                               | ....                          | ....                 | 5       |
| American bison, or buffalo ( <i>Bison bison</i> ):                  |                     |                                    |                               |                      |         |
| 1937.....   | ....                | 16                                 | *171                          | ....                 | 187     |
| 1938.....   | ....                | ....                               | 75                            | ....                 | 75      |
| 1939.....   | ....                | 18                                 | ....                          | ....                 | 18      |
| 1940.....   | ....                | 20                                 | ....                          | ....                 | 20      |
| Total:  |                     |                                    |                               |                      |         |
| 1937.....   | 131,009             | 1,908                              | 15,671                        | 55,562               | 204,150 |
| 1938.....   | 144,126             | 982                                | 12,075                        | 167,100              | 324,283 |
| 1939.....   | 156,930             | 3,121                              | 45,685                        | 61,675               | 267,411 |
| 1940.....   | 172,025             | 3,434                              | 45,000                        | 92,890               | 313,349 |

\*Reliable estimates not available.

<sup>1</sup>Does not include all exhibition herds.

## FUR INDUSTRY

The raising and trapping of domestic and wild fur-bearing animals and the buying and selling of raw pelts has developed into an important and growing industry in Colorado in recent years. Estimates place the annual turnover in the business in its entirety at \$2,000,000 to \$3,000,000. Denver is recognized as one of the largest fur centers in the country outside of New York City, St. Louis and Seattle and is the market for a considerable part of the take in the Rocky Mountain region.

The 1939 session of the state legislature enacted a law extending protection for the first time to all fur-bearing animals not classed as predators. Under its provisions the game and fish commission is authorized to establish open and closed seasons on any or all species and is given control over the fur resources of the state. Trappers, resident and non-resident, dealers in raw or green pelts, manufacturers of fur products and commercial taxidermists are required to obtain licenses.

The commission, in cooperation with the federal wildlife management and the raw fur dealers association, checked the records of all licensed trappers for the fiscal year 1940 and the results showed a total "take" of 115,480 pelts which yielded the trappers \$114,124. These figures are exclusive of beaver pelts. These were distributed as follows:

|                     | Number  | Value     |
|---------------------|---------|-----------|
| Muskrat             | 73,773  | \$ 43,109 |
| Skunk               | 19,526  | 19,435    |
| Coyote              | 12,531  | 34,073    |
| Weasel              | 3,272   | 1,000     |
| Civit cat           | 1,794   | 317       |
| Bobcat and lynx cat | 1,494   | 3,789     |
| Badger              | 1,311   | 1,639     |
| Mink                | 639     | 2,909     |
| Marten              | 553     | 6,799     |
| Fox                 | 441     | 716       |
| Raccoon             | 104     | 234       |
| Ringtail cat        | 46      | 44        |
| Total               | 115,484 | \$114,124 |

A legislative act approved May 19, 1941, known as the beaver control act, created a state monopoly in the game and fish commission for the trapping of beaver and the sale at auction of their pelts, transplanting of beaver from one area to another and general control over every phase of the beaver problem. Under the old law trappers paid the state 50 per cent of their take, but the new law reverses the process and state trappers are in charge of the "take" and pay 50 per cent of proceeds to the persons upon whose land the animals were trapped. Trappers in the

employ of the commission pelted approximately 6,000 beaver in 1940 and 12,000 in 1941. The first important auction of beaver pelt took place in 1942 and yielded a gross of \$105,000.

The commission estimates the population of fur-bearers under its control as follows:

|         |        |         |         |
|---------|--------|---------|---------|
| Beaver  | 50,000 | Opossum | 250     |
| Badger  | 4,200  | Skunk   | 30,000  |
| Marten  | 2,000  | Weasel  | 7,000   |
| Mink    | 2,000  | Fox     | 1,500   |
| Raccoon | 350    | Muskrat | 110,000 |

While skunk and coyotes are classed as predators, they constitute one of the big fur resources of the state. The population of fur-bearers varies extensively from year to year due to different rates of increase in the several species.

The raising of silver fox and mink on farms as domestic animals do not come under the control of the game and fish commission and are classed under stock raising. The census of 1940 enumerated 5,380 female silver fox over three months old on 139 farms in the state on April 1, 1940, and 1,270 mink on 31 farms of like age and same date. Pelts taken in 1939 (both sexes) were 16,929 silver fox and 2,165 mink. The values, estimated by officials of the raisers' association, run around \$600,000 a year for fox and \$36,000 for mink. Colorado ranks third among the states in the number of silver fox.

The state tax commission reported 13,457 silver fox assessed on farms in 1939 at \$298,135 and 11,748 at \$236,865 in 1940. There were 963 muskrat, mink, etc. assessed at \$4,315 in 1939 and 1,305 at \$6,314 in 1940.

The census of business reported 18 retail fur shops in the state in 1939. Their net sales aggregated \$1,272,000.

## FISHERMEN'S LUCK

The state game and fish department in cooperation with the staff of the Roosevelt national forest conducted an intensive survey of fishing conditions along 12.9 miles of the South St. Vrain creek from July 4 to September 13, 1940, to study methods of improving fishing conditions. The study included analysis of food supply, migration of marked fish, the number of fishermen, lures used, and other factors of value. Numbered stakes were set up at intervals of one-tenth of a mile, 4,991 marked fish were planted, fishermen were interrogated, their creels examined, and contents of fish stomachs were taken for analysis.

A summary of the survey is as follows:

|                                    |       |
|------------------------------------|-------|
| Total number of fishermen.....     | 1,810 |
| Fishermen per mile.....            | 140   |
| Fishermen hours fished.....        | 4,194 |
| Total fish kept.....               | 4,642 |
| Total fish thrown back.....        | 3,350 |
| Pounds of fish kept.....           | 1,479 |
| Total marked fish planted.....     | 4,991 |
| Total marked fish caught.....      | 1,768 |
| Per cent recovery marked fish..... | 35%   |

Other facts developed by the survey were that the stream showed 104 pounds of aquatic food supply. A stomach analysis of 100 fish indicated, however, that 46 per cent of the food taken during the summer was terrestrial (surface feeding) and 54 per cent was aquatic. The migration study

through the use of tagged fish showed that 70 per cent did not move at all during the first season; 14 per cent moved only 500 ft., the remaining 16 per cent migrating from one half to one mile. Eight per cent of those moving only 500 ft. went upstream and 6 per cent downstream.

Rainbow made up 90 per cent of the total catch, Loch Leven or brown 8 per cent, native 1 per cent and eastern brook 1 per cent. Lures used were: artificial flies, 67 per cent; bait (principally worms and salmon eggs) 30 per cent; spinner, 3 per cent.

## Tourists—Travel—Amusement

### Tourist Attractions, Travelers' Expenditures, Traveling Distances, Motion Picture Theaters, Places of Amusement

COLORADO, which was described by Theodore Roosevelt as "the playground of America," has in its salubrious climate, its clear skies, its mountains and valleys, its lakes and rivers, forests and parks and natural scenery of every kind and description an exceptional appeal to the tourist. Few states equal and none excels it in the wide variety and vast extent of its attractions. The invigorating low-pressure atmosphere of high altitudes, the cool and refreshing nights, the days of continuous sunshine and the accessibility of the attractive regions make ideal conditions for the pleasure seeker. Camping, hunting, fishing, mountain climbing and other outdoor sports may be enjoyed in regions remote from the cities and towns or they may be combined with the comforts and conveniences of modern hotels, resorts and tourist camps. Excellent highways winding through the mountains and valleys afford easy access to all major points of interest, or the visitor may choose the trail into wild areas where the works of nature are undisturbed. Federal state and municipal governments contribute toward the establishment and maintenance of accommodations for the benefit of travelers, and private enterprise offers facilities of all kinds from modest resort accommodations to dude ranches and modern hotels.

It is impossible to enumerate, even partially, in a volume of this character, all the tourist attractions of the state. That is left to the railroads serving Colorado, the community clubs and civic bodies of the various cities

and towns and similar corporations and organizations which publish annually hundreds of booklets and leaflets descriptive of the state's scenic attractions and recreation opportunities. Such literature may be obtained upon request from the various railroads and organizations. A list of the principal civic and community organizations of the state, with addresses, is published elsewhere in this volume.

Throughout this volume will be found chapters descriptive of the state's attractions for the traveler and to these the reader is referred for additional information. Chapters of especial interest in this connection are those devoted to the national forests, the national parks and monuments, game and fish, museums, Denver mountain parks, thermal hot springs, highways, mountains, lakes and reservoirs, and others devoted to the resources and facilities of the state.

#### TRAVELERS' EXPENDITURES

Travelers' retail expenditures in Colorado in the period 1936 to 1941, inclusive, aggregated \$383,279,840, according to the annual report of the United States Travel bureau to the secretary of the interior. Increases were shown for each year as compared with the preceding year. The basic material used in the report is unpublished data of the bureau of home economics and the bureau of labor statistics, with additional information obtained from the national resources planning board, interstate commerce commission, bureau of the census and the bureau of public roads.

Colorado took 29th place among the states of the Union in 1939 in the total amount of expenditures, there being 28 states showing larger amounts, one the same as Colorado and 19, including the District of Columbia, reporting smaller amounts.

In the following table, expenditures in 1935 equal 100 as the index number. The total amounts and index numbers for Colorado, by years, are as follows:

| Year       | Amount        | Index |
|------------|---------------|-------|
| 1935.....  | \$ 47,367,000 | 100.0 |
| 1936.....  | 48,796,000    | 103.0 |
| 1937.....  | 52,668,000    | 111.2 |
| 1938.....  | 52,909,000    | 111.7 |
| 1939.....  | 54,036,000    | 114.1 |
| 1940.....  | 58,488,000    | 123.5 |
| 1941.....  | 69,017,840    | 145.7 |
| Total..... | \$883,279,840 | ..... |

Travelers' retail expenditures in the United States for the five-year period 1935 to 1939, inclusive, were reported at \$25,931,278,000 and for the 12 states in the mountains and plains region, \$2,023,440,000. Expenditures in Colorado were 1.0 per cent of the total for the United States and 12.6 per cent of the mountains and plains region. The mountain and plains region, including Colorado, was 7.8 per cent of the total for the United States.

Index numbers for Colorado, the United States, and the mountains and plains regions, by years are as follows:

| Year      | Colorado | United States | Mountains and Plains |
|-----------|----------|---------------|----------------------|
| 1935..... | 100.0    | 100.0         | 100.0                |
| 1936..... | 103.0    | 106.5         | 104.4                |
| 1937..... | 111.2    | 117.6         | 107.2                |
| 1938..... | 111.7    | 117.2         | 116.0                |
| 1939..... | 114.1    | 125.7         | 117.8                |

### TRAVELING DISTANCES

The following gives the distance in statute miles by the shortest automobile routes from Denver to the cities named as reported by the American Automobile association's official table of distances:

| City                                   | Miles |
|--|-------|
| Baltimore (via St. Louis).....         | 1,716 |
| Bismarck .....                         | 827   |
| Boston (via St. Louis).....            | 2,091 |
| Charleston, S. C. ....                 | 1,838 |
| Chicago .....                          | 1,052 |
| Cincinnati .....                       | 1,241 |
| Cleveland .....                        | 1,406 |
| Galveston .....                        | 1,146 |
| Indianapolis .....                     | 1,144 |
| Kansas City .....                      | 645   |
| Los Angeles .....                      | 1,268 |
| Minneapolis .....                      | 932   |
| New Orleans .....                      | 1,321 |
| New York .....                         | 1,941 |
| Philadelphia .....                     | 1,809 |
| Portland, Me. ....                     | 2,009 |
| Portland, Ore. ....                    | 1,338 |
| Richmond, Va. ....                     | 1,740 |
| St. Louis .....                        | 898   |
| San Francisco .....                    | 1,298 |
| Seattle .....                          | 1,407 |
| Washington, D.C. (via Indianapolis) .. | 1,654 |

### MOTION PICTURE THEATERS

There were 256 motion picture theaters, with a seating capacity of 116,620, operating in 134 cities and towns in Colorado as of January 1, 1942, as reported by the Film Daily year book. These were distributed by number, seating capacity and status as follows:

|                          | Number | Capacity |
|--------------------------|--------|----------|
| Theaters operating ..... | 196    | 99,430   |
| Closed theaters .....    | 60     | 17,190   |
| Total .....              | 256    | 116,620  |

Included in the above were eight portables, one or more at one army post, and one negro theater. Many of those reported closed are seasonal theaters operated at tourist camps and summer resorts. Average seating capacity of Colorado theaters was 455 as compared to 577 for the United States.

Comparative figures as of January 1, by specified years, of the number of theaters in the state and their seating capacity, are as follows:

| Year       | Number | Capacity |
|------------|--------|----------|
| 1935 ..... | 177    | 108,199  |
| 1938 ..... | 223    | 107,001  |
| 1940 ..... | 253    | 111,986  |
| 1942 ..... | 256    | 116,620  |

Denver is one of the key cities for the distribution of films, with 17 exchanges which supply films to theatres in Colorado, Wyoming, western Nebraska, northern New Mexico, southwestern South Dakota and northwestern Texas.

The five largest theatres in the state are in Denver, the Orpheum coming first with a seating capacity of 2,600 and the Denver second with a capacity of 2,478. The largest in Colorado Springs is the Chief, with a capacity of 1,363, and in Pueblo, the Colorado, with a capacity of 1,348. The "silent" movie has entirely disappeared in Colorado and all theatres are now wired for sound.

Service tax paid by the motion picture and vaudeville theatres to the state by calendar years is as follows:

| Year       | Av. No. Returns | Amount       |
|------------|-----------------|--------------|
| 1937 ..... | 134             | \$ 61,214.20 |
| 1938 ..... | 120             | 104,148.40   |
| 1939 ..... | 142             | 114,780.15   |
| 1940 ..... | 137             | 104,762.22   |
| 1941 ..... | 133             | 106,513.56   |

Federal admission tax collections for Colorado, by fiscal years ending June 30, are as follows:

| Year       | Amount       |
|------------|--------------|
| 1935 ..... | \$127,163.85 |
| 1936 ..... | 105,352.72   |
| 1937 ..... | 105,351.45   |
| 1938 ..... | 116,744.58   |
| 1939 ..... | 87,658.16    |
| 1940 ..... | 89,148.63    |
| 1941 ..... | 652,491.74   |

**PLACES OF AMUSEMENT IN COLORADO: NUMBER OF ESTABLISHMENTS,  
BY KINDS, RECEIPTS, PROPRIETORS, EMPLOYEES AND  
PAY ROLL, 1939 AND 1935**

(Source: Bureau of the Census)

Note.—This table includes establishments charging admission or receiving fees for the use of recreational facilities, and excludes places operated by educational institutions, municipalities or other government agencies, or fraternal or religious organizations.

| KIND OF BUSINESS   | Number of Establishments | Receipts           | Active Proprietors | <sup>1</sup> Number of Employees (average) | <sup>1</sup> Payroll |
|--|--------------------------|--------------------|--------------------|--|----------------------|
| <b>Amusement devices:</b>  |                          |                    |                    |  |                      |
| 1939.....  | 8                        | \$ 51,000          | 9                  | 21   | \$ 10,000            |
| 1935.....  | ...                      | .....              | ...                | ...  | .....                |
| <b>Billiard and pool parlors:</b>  |                          |                    |                    |  |                      |
| 1939.....  | 180                      | \$ 624,000         | 189                | 128  | 79,000               |
| 1935 <sup>1</sup> .....  | 178                      | 601,000            | 188                | 198  | 110,000              |
| <b>Bowling alleys:</b>   |                          |                    |                    |  |                      |
| 1939.....  | 59                       | 325,000            | 52                 | 236  | 88,000               |
| 1935.....  | ( <sup>2</sup> )         | ( <sup>2</sup> )   | ( <sup>2</sup> )   | ( <sup>2</sup> )                           | ( <sup>2</sup> )     |
| <b>Dance halls, studios and academies:</b>                                   |                          |                    |                    |  |                      |
| 1939.....  | 58                       | 243,000            | 50                 | 235  | 78,000               |
| 1935.....  | 73                       | 157,000            | 74                 | 260  | 64,000               |
| <b>Skating rinks, roller:</b>  |                          |                    |                    |  |                      |
| 1939.....  | 16                       | 50,000             | 17                 | 26   | 9,000                |
| 1935.....  | 3                        | 20,000             | 3                  | 16   | 6,000                |
| <b>Swimming pools (not including municipal):</b>                             |                          |                    |                    |  |                      |
| 1939.....  | 21                       | 27,000             | 18                 | 10   | 4,000                |
| 1935.....  | 13                       | 18,000             | 8                  | 8  | 4,000                |
| <b>Theaters, motion pictures (including motion-picture with vaudeville):</b> |                          |                    |                    |  |                      |
| 1939.....  | 182                      | 4,868,000          | 83                 | 1,001                                      | 811,000              |
| 1935.....  | 133                      | 3,755,000          | 71                 | 885  | 826,000              |
| <b>Other amusements:</b>   |                          |                    |                    |  |                      |
| 1939.....  | 61                       | 645,000            | 51                 | 346  | 213,000              |
| 1935.....  | ...                      | 277,000            | ...                | ...  | .....                |
| <b>Total, 1939</b> .....   | <b>585</b>               | <b>\$6,833,000</b> | <b>469</b>         | <b>2,003</b>                               | <b>\$1,292,000</b>   |
| 1935 .....   | 448                      | 4,855,000          | ( <sup>3</sup> )   | ( <sup>3</sup> )                           | ( <sup>3</sup> )     |

<sup>1</sup>Employees and pay roll include paid executives of corporations but not the number and compensation of proprietors of unincorporated businesses.

<sup>2</sup>Bowling alleys included with billiard and pool parlors in 1935.

<sup>3</sup>Not included in revised totals for 1935.

## Public Welfare Programs

Federal Social Security; State Department of Public Welfare, Old Age Assistance, Aid to Dependent Children, Child Welfare, Aid to the Blind, General Assistance, Division of Tuberculosis, Miscellaneous; Employment Security, Unemployment Compensation, Employment Service

**T**HE federal social security act, which was devised to provide safeguards against the insecurity of modern life through cooperative action by the federal and state governments, was approved August 14, 1935. The act deals with a number of distinct, though related, measures for social security. It provides a program for the consideration of local economic and social problems existing within the states, while maintaining a national unity of purpose.

The act is administered by the Social Security board, which has its headquarters in Washington and supervises the administration of the law through 12 regional agencies. Denver is headquarters for region No. 11, comprising Colorado, Wyoming, Montana, Idaho, Arizona and Utah. Heber R. Harper is director for region No. 11, with offices at 728 Seventeenth street.

The President, acting under the reorganization act of 1939, established the Federal Security Agency, effective July 1, 1939, under which he put the social security board, the public health service, the office of education, the civilian conservation corps and the national youth administration. The United States employment service was transferred to the new agency from the labor department at the same time.

Substantial and comprehensive amendments to the social security act were approved by the President on August 10, 1939. The most important changes are those dealing with the old-age benefits program which was revised and expanded to form a program under the title of federal old age and survivors insurance. Other amendments related to the federal-state systems of unemployment insurance and public assistance. The amendments also increased the amounts authorized for federal grants to states for maternal and child health, crippled children, child welfare, vocational rehabilitation and public health under programs of the social security act directed by federal agencies other than the social security board.

Federal aid to states in carrying out the program is rendered through state

welfare organizations set up to meet certain requirements of the federal government, and the state agencies in turn operate through organizations set up in the several counties of the state. The Colorado agencies which tie in with the federal program are discussed later in this chapter.

A brief summary of the activities of the board under the federal social security act, revised to include the 1939 amendments, is as follows:

**Old Age Assistance**—The federal government makes grants to states on a 50-50 basis for assistance to aged individuals up to \$40 per month, but does not contribute more than \$20 per month per individual. In addition the federal government pays for administrative expenses an amount equal to 5 per cent of the sum granted to the state. The grants are on the basis of need with respect to individuals 65 years or older who are not inmates of public institutions. A state, to participate in this plan, must submit a plan that is state-wide and, if administered by political subdivisions, must be mandatory upon them; provide methods of administration for efficient operation of the plan; submit reports in required form to the Social Security board; and provide for certain requirements as to age and qualifications of beneficiaries and for appeals and recovery. No payments to individuals are made by the federal government under this section of the act, but all assistance to the aged goes through the state department of public welfare.

**Old Age and Survivors Insurance**—This program provides monthly benefits, beginning January 1, 1940, for retired employees insured under the system and for the dependents and survivors of such employees. Benefits are based on wages received by employees in what may be broadly termed industry and commerce. Certain types of employment are exempted, including such examples as agricultural labor, domestic service employment by religious, charitable, educational and scientific organizations not conducted for profit, service for federal, state and local governments, etc.

The amount of monthly benefits is determined on the basis of the worker's average monthly wage. The formula for computing monthly benefits is 40 per cent of the first \$50 of an average monthly wage, plus 10 per cent of the next \$200, with an added 1 per cent of the amount thus obtained for each year in which the worker earned \$200 or more in covered employment. It may be illustrated as follows: A single employee with three years coverage, earning an average monthly wage of \$50, will receive \$20.60 per month upon retirement. If he is married and without children, the benefit is \$30.90. The scale gradually increases according to years of coverage and amount of average wages received up to where a person with 40 years' coverage with an average monthly wage of \$250 will receive \$56 per month if single and \$84 if married and without children. An insured employee becomes eligible for benefits if he is 65 or more years of age, is fully insured and files a claim for benefits. Supplementary benefits are provided for children under 16 years of age or 18 if attending school. Provisions also are made for survivors' benefits upon death of the insured.

Benefits under the system are financed by equal taxes on the employer and employee. The rate for both employer and employee is 1 per cent of the employee's wages up to \$3,000 in any one year until 1943, when the rate is scheduled to be increased 1 per cent for each. It will then be increased an additional one-half per cent every three years thereafter until the maximum of 3 per cent for each is reached in 1949.

The old age and survivors' insurance program is strictly a federal function, payments being made directly to the individual through the United States treasury. The methods for providing revenues for the old age and survivors' insurance fund are described under the sub-heading "Taxes."

Administration of the program necessitates maintaining a continuous wage record, under a separate account number, for each employee until he is eligible for benefits. The vastness of the work is shown in the report that by 1939, corrected to May 15, 1941, there were 32,063,210 workers in the United States who had taxable wages amounting to \$28,127,180,000.

The division maintains field offices in Colorado at Denver, Pueblo, Greeley, Boulder, Grand Junction, Alamosa and Trinidad. The field officers assign account numbers to persons who request

them, check wage reports and assist claimants.

Employees' accounts established in Colorado, by fiscal year, ending June 30, are as follows:

| Year  | Number  |
|-------|---------|
| 1937  | 220,964 |
| 1938  | 84,091  |
| 1939  | 46,757  |
| 1940  | 53,612  |
| 1941  | 46,517  |
| Total | 451,941 |

The net cumulative total for Colorado as of June 27, 1941, after excluding known duplications, was 448,951.

Workers in Colorado with taxable wages and the amount of their taxable wages in 1939, corrected to May 15, 1941, are as follows:

|                      |               |
|----------------------|---------------|
| Number of workers    | 245,818       |
| Taxable wages        | \$182,848,000 |
| Average taxable wage | 744           |

The number of beneficiaries on monthly benefit rolls in Colorado and monthly payments, by types, on June 30, 1941, corrected to July 15, 1941, are as follows:

| Type            | Number | Monthly Amount |
|-----------------|--------|----------------|
| Primary         | 1,475  | \$33,606       |
| Wife's          | 327    | 3,953          |
| Child's         | 630    | 7,660          |
| Widow's         | 56     | 1,126          |
| Widow's current | 259    | 4,959          |
| Parent's        | 8      | 93             |
| Total           | 2,755  | \$51,397       |

**Unemployment Compensation**—This section of the act provides a plan for federal assistance to the states in the administration of their unemployment compensation laws. The law provides for weekly payments to qualified workers who are laid off or lose their jobs. These payments come from a fund made up by contributions collected by the state for the purpose. A state must qualify under the requirements of the Social Security board under the federal-state program and provide a state agency for the collection and disbursement of compensation funds.

The Department of Employment Security under the state industrial commission is the state agency charged with the administration of unemployment compensation in Colorado. The amount of the tax and the channels through which it is collected are discussed in this chapter under the sub-heading of "Taxes."

**Aid to Dependent Children**—This is a federal-state program in which the federal government under the Social Security act grants assistance to the states with approved agencies and laws for carrying out the provisions of the act. The federal government pays

to each state an amount equal to one-half of the sums expended by the state under such approved plan, but payment in excess of \$18 per month for the first child and \$12 for each additional child in the same family is not counted in determining federal aid. A dependent child may be defined broadly as a child under the age of 16 or 18, if attending school, who has been deprived of parental support through death, absence or incapacity of a parent and who is living in a private home maintained by immediate relatives. The state department of public welfare is the Colorado agency for carrying out this program.

**Maternal and Child Welfare**—This is a federal-state program for mother and child health service, especially in rural areas. The federal government makes grants equal to one-half of the total amount expended in this service by the state agency. The Social Security act and amendments thereto also have appropriated large sums to be used exclusively for carrying out state plans for furthering and strengthening state and local health services to mothers and children and extending maternal and child health service in rural areas. Grants under these appropriations require no matching of state funds. The Social Security act placed the division under the children's bureau of the department of labor. The state plan must be approved by the secretary of labor. The state board of health is the Colorado agency for maternal and child welfare activities. It conducts prenatal and well-baby clinics, a home nursing delivery service, dental health activities and maternal and infant mortality studies. Grants made to the state agency in the furtherance of this program, by fiscal years, are as follows:

|            |             |
|------------|-------------|
| 1937 ..... | \$60,788.70 |
| 1938 ..... | 56,239.63   |
| 1939 ..... | 58,399.68   |
| 1940 ..... | 94,624.20   |
| 1941 ..... | 89,728.55   |
| 1942 ..... | 75,895.13   |

**Services to Crippled Children**—This is a federal-state program which provides for federal grants to states for medical care and other services to crippled children under the administration of the children's bureau of the department of labor. The amount of \$20,000 is allotted to each state with other allotments on the basis of need, to equal one-half of the amount expended by the state agency which operates under an approved plan. The state board of health is the Colorado agency for this program.

The state division maintains a register of crippled children, regardless of financial status, to provide data for the care required for every crippled child who would not otherwise receive adequate treatment through his parents or through some charitable organization.

Federal grants to the Colorado division, by fiscal years, are as follows:

|            |             |
|------------|-------------|
| 1937 ..... | \$58,021.11 |
| 1938 ..... | 21,979.97   |
| 1939 ..... | 59,374.59   |
| 1940 ..... | 54,617.40   |
| 1941 ..... | 63,614.83   |
| 1942 ..... | 57,847.49   |

**Child Welfare Service**—This is a federal-state program which under the administration of the children's bureau of the department of labor makes grants to states toward the protection and care of homeless, dependent and neglected children and children in danger of becoming delinquent. Grants to states are allotted by the secretary of labor to states primarily on the basis of rural population. The amount so allotted shall be expended for payment of part of the cost of district, county and other local child welfare services in areas predominantly rural. The state department of public welfare is the Colorado agency for the administration of this program.

**Vocational Rehabilitation**—The Social Security act carried an appropriation of \$841,000 for the fiscal year 1937 and \$1,938,000 annually thereafter, to be distributed as grants-in-aid to the states for vocational rehabilitation purposes in addition to appropriations already made under existing laws. The 1939 amendment to the social security act increased this annual appropriation to \$3,500,000. The state board of vocational education, under the department of education, is the Colorado agency that administers these benefits.

The state program provides for the rehabilitation of disabled persons by training them and placing them in suitable and gainful occupations.

**Public Health Service**—The Social Security act appropriated \$8,000,000 annually for federal aid to the states for extending state health services and for assistance to counties and other governmental units in maintaining adequate public health programs. The 1939 amendment to the social security act increased the appropriation to \$11,000,000 annually. Allotments to the states are made by the surgeon general of the United States public health service with the approval of the secretary of the treasury on the basis of population, special health problems

and the financial needs of the respective states. The state board of health is the Colorado agency participating in this program.

**Aid to the Blind**—This is a federal-state program in which the federal grants are made under an approved plan to the states on the basis of one-half the total expenditures by the state for these purposes, with a limit of \$20 per month per individual from the government, plus an additional 5 per cent for administrative purposes. The assistance is for needy individuals who are blind. The state department of public welfare is the Colorado participating agency.

**DEPARTMENT OF PUBLIC WELFARE**

Colorado took steps early in 1936 to qualify for federal-state cooperation under the provisions of the federal Social Security act. The Welfare Organization act of 1936, adopted by a special session of the legislature, was approved March 28, 1936, and became effective April 1, 1936. The old age assistance (pensions) act was approved March 31, 1936, and as of the same date the Aid to the Blind act and Aid to Dependent Children act became effective.

The welfare organization act of 1936 created the state department of public welfare, consisting of the state board of public welfare, a director of public welfare and such other officers and employes as were specifically authorized. Under the organization act the new board became the successor to the Official Colorado State Relief committee.

The state department administers or supervises all forms of public assistance, including general home relief, outdoor and indoor care for persons in need, old age assistance, aid to dependent children, aid to the blind, and such other welfare activities or services as may be vested in it by law; acts as agent of the federal government in welfare matters of mutual concern; administers federal funds granted to the state for these purposes; designates county departments to serve as agents in the performance of all state welfare activities in the counties, etc.

The act provides for the establishment of county departments of public welfare in all counties, consisting of boards of public welfare, county directors of public welfare and necessary employes. The county boards consist of the board of county commissioners in each county, except in Den-

ver, where the department of health and charity is the welfare organization. Provisions also are made for two or more counties to form district welfare organizations in lieu of a single county organization. The board of county commissioners makes the appropriations where necessary to maintain the welfare service within the county and to defray the administrative expenses of the county board.

Another act provided for the establishment of the state public welfare fund, which shall consist of all money appropriated by the general assembly for public welfare activities, all grants in aid from the federal government, and such other funds as may be provided. The state board is trustee for this fund and is charged with its administration and the distribution of money therein. The state treasurer is custodian. Each county or district organization also must establish a county public welfare fund to take care of funds received from the state board and appropriations of county commissioners.

The Department of Public Welfare began to function as of April 1, 1936. Transfers to the welfare fund included \$789,243 accumulated sales tax; \$415,332 unexpended balance of the old age pension fund in the various counties; \$15,099 unexpended balance in the state blind benefit fund; and \$1,100,750. first allotment of federal funds to the state.

Receipts from all sources (exclusive of balances), by calendar years, are as follows:

| Year         | Amount                  |
|--------------|-------------------------|
| 1936*        | 9,856,363.02            |
| 1937         | 16,935,596.24           |
| 1938         | 17,268,712.35           |
| 1939         | 18,619,558.78           |
| 1940         | 21,792,478.24           |
| 1941         | 23,441,145.62           |
| <b>Total</b> | <b>\$108,913,854.25</b> |

\*April 1 to December 31.

Total expenditures for all purposes, by calendar years, are as follows:

| Year         | Amount                  |
|--------------|-------------------------|
| 1936*        | 8,635,742.22            |
| 1937         | 15,379,360.97           |
| 1938         | 18,451,693.75           |
| 1939         | 18,894,016.85           |
| 1940         | 21,410,275.61           |
| 1941         | 22,654,046.65           |
| <b>Total</b> | <b>\$105,425,136.05</b> |

\*April 1 to December 31.

A table is published herewith showing receipts and expenditures and balances for the calendar years of 1941, 1940, 1939 and 1938. The statement of receipts gives the sources from which

revenues are obtained for the welfare fund and the statement of expenditures gives the amounts expended on account of the various activities under its supervision.

Two tables show state and federal funds allotted to counties for welfare purposes. One gives the distribution by counties and activities for 1941 and the other is a summary reporting the same data for all counties combined by calendar years.

Two tables show expenditures for welfare purposes from county funds only. One gives a distribution of the amounts by activities and by counties for the calendar year of 1941 and the other is a summary for all counties combined by calendar years.

**Old Age Assistance**—The first old age pension law in Colorado was enacted in 1927. It provided that the county commissioners of any county by a two-thirds affirmative vote might establish an old age pension system in that county, to be financed by county appropriations, to be based on needs and limited to \$1 per day for persons 70 years or older.

This law was superseded in 1931 by a legislative act making it mandatory upon counties to establish old age pension systems, and make adequate appropriations. It was to be administered by county judges and the minimum age was reduced to 65 years.

No actual payments to old people were made under either of the above acts and subsequently the 1931 act was declared unconstitutional on the ground that it conferred judicial powers upon the county commissioners.

In 1933 another act was passed by the legislature making the county commissioners trustees for the funds with the county judges as administrators. This measure provided for state aid to the counties with a limit of \$30 per month on pensions to each person, based on need.

In 1935 the general assembly appropriated \$100,000 per month out of the sales tax to be placed in the old age pension fund and in the same year, in anticipation of congressional action looking to federal-state aid, the legislature established the Official Colorado State Relief committee as the cooperating agency. This act failed to win the approval of the Social Security board on account of the administration of the act being in the hands of the county judges.

The legislature was called in a second special session in 1936. The Welfare Organization act, creating the de-

partment of public welfare to handle all welfare matters, was approved March 28. It became the successor of the Official Colorado State Relief committee. An old age assistance act also was approved on March 31. It met the requirements of the federal Social Security board and was approved, effective April 1, 1936. This act placed the minimum age limit at 65 years, provided that the applicant must be a citizen of the United States and must have resided in Colorado for five years out of the last nine years. The last year must be continuous. Pension payments were based on the resources and needs of the individual, with a limit of \$30 per month per person. It also provided for funeral expenses of a pensioner, not to exceed \$100. Under this act the state's share of pensions was provided out of 50 per cent of the welfare fund. The welfare fund received all of the sales tax, liquor tax, use tax and an additional 10 per cent of inheritance taxes and 10 per cent of incorporation fees.

A constitutional amendment, placed on the ballot by petition, was adopted at the general election on November 3, 1936, providing for an old age pension fund and establishing a new age limit and a minimum for pension payments. The sources of the pension fund as established in the amendment are: 85 per cent of all retail sales tax; 85 per cent of use tax; 85 per cent of all liquor license fees and taxes; an additional 10 per cent of all inheritance taxes and 10 per cent of all incorporation fees. The age limit for pensions was reduced to 60 years under certain qualifications to be set up by the legislature and the minimum pension placed at \$45 per month. The "jack pot," any amount left in the pension fund at the end of the year, is to be distributed on a pro rata basis to the pensioners. This fund, created as of January 1, 1937, provided for pensions under the old law until September 1, 1937, when the qualifying act of the legislature approved May 14, went into effect. This act set up a requirement of 35 years continuous residence of persons between 60 and 65 years of age and five years out of nine, the last year continuous, for persons 65 or older. The new law was approved by the federal Social Security board on August 4, 1937. On September 1 all previous awards were cancelled and new awards were made under the new regulations.

The residential requirement for Class B pensioners (60 to 65 years of age) was changed by a legislative act

approved April 25, 1941, wherein the applicant for old age pension must have resided in the state for a period of 35 years, continuously and immediately preceding the effective date of the act, and therefore applicants must have lived in the state continuously since April 25, 1906, to be eligible.

Federal aid to the state in old-age assistance was increased in amendments to the social security act approved August 10, 1937, from a maximum of \$15 per person per month to \$20, but continues to apply to those who have reached their 65th birthday. Pensions paid by the state to those between 60 and 65 years come out of state funds only.

On December 7, 1937, the state board of public welfare adopted a method of proration if, and when, there are insufficient funds to pay the full amount of the old age pension awards. There is no variation in the amount deducted from authorized awards, inasmuch as each person eligible for the pension is awarded \$45 in the case of no income, or the amount which, if added to the income in cash or kind, totals \$45. The method was approved by the Social Security board.

Payments made on account of old age pensions in Colorado, by years, are as follows:

| Year                      | Amount       |
|---------------------------|--------------|
| 1933 .....                | \$ 172,481   |
| 1934 .....                | 1,256,190    |
| 1935 (estimated) .....    | 1,200,000    |
| 1935 (3 months).....      | 300,000      |
| 1936 (9 months).....      | 5,160,569    |
| 1937 .....                | 11,197,331   |
| 1938 .....                | 12,778,334   |
| 1938 (bonus payment)..... | 960,064      |
| 1939 .....                | 13,877,004   |
| 1940 .....                | 15,925,563   |
| 1941 .....                | 17,032,328   |
| Total .....               | \$79,859,864 |

A table published herewith shows revenues, by source, expenditures and balances of the old age pension fund for 1937 to 1941, inclusive.

Another table gives the number of recipients of old age pensions by months for the calendar years of 1941, 1940 and 1939.

The average authorized awards by months, based on the amount of funds available for distribution, and average payment after making deductions, in 1941 and 1940, are as follows:

| Month         | 1941      |             | 1940      |             |
|---------------|-----------|-------------|-----------|-------------|
|               | Av. Award | Av. Payment | Av. Award | Av. Payment |
| January ..... | \$40.68   | \$34.68     | \$40.44   | \$36.44     |
| February .... | 40.68     | 40.68       | 40.47     | 39.47       |
| March .....   | 40.77     | 27.77       | 40.53     | 30.53       |
| April .....   | 40.80     | 26.80       | 40.55     | 29.55       |
| May .....     | 40.79     | 29.79       | 40.60     | 27.60       |
| June .....    | 40.79     | 33.79       | 40.57     | 33.57       |
| July .....    | 40.80     | 35.80       | 40.60     | 33.60       |
| August .....  | 40.84     | 31.84       | 40.79     | 32.79       |
| September ... | 40.82     | 35.82       | 40.62     | 31.62       |
| October ..... | 40.83     | 37.83       | 40.65     | 30.65       |
| November ...  | 40.86     | 35.86       | 40.68     | 29.68       |
| December ...  | 40.90     | 29.90       | 40.66     | 31.66       |

**Aid to Dependent Children**—This activity is under the division of public assistance of the state department of public welfare which assumed the administration of aid to dependent children on April 1, 1936. The legislation replaced the Mothers' Compensation act of 1913 with provisions on a much broader basis. It provides for grants-in-aid to children in their own homes or in the homes of certain named relatives.

A summary of aid to dependent children for December, 1941, with comparisons for the same month in 1940, for the state, is as follows:

|  | December |         |
|--|----------|---------|
|  | 1941     | 1940    |
| Number for whom payments were made:    |          |         |
| Families .....                         | 6,142    | 6,223   |
| Children .....                         | 15,144   | 15,192  |
| Average number children in family..... | 2.5      | 2.4     |
| Average award:                         |          |         |
| Families .....                         | \$30.68  | \$30.28 |
| Children .....                         | 12.44    | 12.40   |

Distribution of payments by counties are found in the several accompanying tables.

**Child Welfare**—Child welfare activities in Colorado date back to 1874, with the founding of the Colorado institute for deaf mutes, and were continued through various agencies down to April 1, 1936, when they were placed under the child welfare division of the department of public welfare. Included in its program are the following functions: To provide boarding-home care for children outside their homes or housekeeper service in their homes; to protect neglected children from mistreatment or exploitation; to assist mental defectives; to safeguard children of illegitimate birth; to investigate and provide services to courts in cases involving children; to cooperate with community organizations in programs for the prevention of juvenile delinquency and to assist in the development of child guidance clinics in the

state. The plan for the child welfare service of the state department was approved by the children's bureau of the United States department of labor on August 8, 1936. The department by December 1, 1937, had developed a staff and was engaged in this activity.

In 1941 there were 13 trained and experienced workers serving on the staffs of county departments of public welfare, their area extending to 15 counties and the number of children served was 2,840, which compares with 1,811 in 1940. In all counties except Denver the county judges act as juvenile judges in all cases involving minors.

**Aid to the Blind**—The payment of blind benefits was transferred to the state department of public welfare on April 1, 1936, through legislative enactment. That department took over the investigation and the making and paying of awards for the blind. The blind commission continued in force in obtaining work for the blind and operating workshops, etc., until it was abolished by the legislature in 1941, and the workshop activities were transferred to the state board of industries. That part of the aid-to-the-blind law which has to do with the investigation of persons as to their eligibility for assistance, and that part which has to do with the teachers for the blind and physically handicapped was transferred to the state department of public welfare by the same enactments.

The aid-to-the-blind act was amended by the 32nd general assembly to authorize the state department of public welfare to define blindness in terms of ophthalmic measurement; eliminate citizenship and age requirements and to permit recipients of old age pensions and children receiving benefits under the aid-to-dependent children act to receive temporary assistance for surgical and medical care for the prevention of blindness or restoration of sight.

The state department reimburses the counties for 75 per cent of funds expended for awards, medical treatment and burials for persons approved for aid to the blind. The amount of assistance is determined by the county department but the law, as amended in 1941, states that \$40 is the maximum amount a person may receive from the state.

**General Assistance**—The department of public welfare, as successor to the official Colorado State Relief committee, allocates funds to the counties on the basis of need to assist them in meeting their relief problem. These

funds are deposited in a special fund in the counties known as "the special state relief fund." No part of the fund may be used for administrative purposes, and no part may be expended in connection with any county-owned farm or hospital or any other county institution. All of the fund must be expended for relief. The counties disburse the money together with any available county funds for the benefit of persons who meet eligibility requirements for general assistance.

Allotments to counties out of state and federal funds and expenditures by counties out of county funds for general relief purposes are shown by years and by counties in accompanying tables.

**Division of Tuberculosis**—The voters at the general election on November 3, 1936, adopted a law providing the sum of \$50,000 yearly for public assistance to indigent residents who are afflicted with tuberculosis. The fund thus provided became available on July 1, 1937. Additional appropriations subsequently have been made by the legislature. The assistance and treatment in approved hospitals and sanatoria are given under the direction of the state director of tuberculosis, who was appointed by the state board of public welfare. He is assisted by a state advisory committee. Applications for assistance are made to the department of public welfare in the county of residence. The purpose of the program is to aid in the control and ultimate elimination of tuberculosis in the state.

A person is eligible for tuberculosis assistance who has lived in Colorado for three years; has tuberculosis in any form and needs treatment, and is without sufficient means to obtain treatment.

There were 261 persons receiving assistance on December 31, 1941, of which 208 were sanatorium and 53 were out-patient cases.

**Surplus Commodities Division**—The federal Surplus Commodities corporation, under the department of agriculture, conducts a program for increasing the purchasing power of the American farmer through the diversion of farm surpluses into public assistance channels. Certain farm commodities are purchased under the program to relieve the market of excess crops. Distribution is made through certified agencies within the state and once the commodities are given the states for distribution, the federal agency withdraws. In Colorado the distribution is the responsibility of the surplus commodity division of the state depart-

ment of public welfare. This is done through the county departments of public welfare under the supervision of the state department, to determine those persons eligible to receive surplus commodities. The division also has the function of distributing the output of the canning, gardening and sewing projects of the Works Project administration.

The food received in the state warehouses in Denver is processed, packed and shipped to the counties for distribution. The monetary value of all commodities distributed in calendar years is as follows:

| Year       | Amount      |
|------------|-------------|
| 1939 ..... | \$1,138,150 |
| 1940 ..... | 1,454,316   |
| 1941 ..... | 1,886,563   |

The 1941 distribution included 15,760,855 pounds of food, 743,026 garments, and 53,358 items of household goods.

An agreement between the federal surplus commodities corporation, the state department of public welfare and the Denver bureau of public welfare was signed on November 17, 1939, under which the food stamp plan was assured for Colorado. The plan, which is entirely voluntary, enables recipients of public assistance to purchase orange colored stamps and receive free 50 per cent of the amount in blue

stamps, which are accepted by merchants at full value in the purchase of specified surplus commodities. The plan went into effect in Denver on November 21, 1939, and on that date the delivery of surplus food commodities by truck was discontinued.

The food stamp plan in counties other than Denver is operated on a strictly mail-order basis. In December, 1941, there were 26 counties under the plan and the number of certified cases was 10,629. In the period July 18 to December 31, 1941, \$358,408 worth of orange-colored stamps were sold and forwarded to eligible cases in counties other than Denver, and were accompanied by blue stamps valued at \$174,569. Average monthly value of stamps sold in Denver in 1941 were \$157,632 of the orange and \$76,960 of the blue.

**Other Activities**—Included in the functions of the state department are the investigations of eligibles for WPA projects, national youth administration and CCC; purchase of materials for WPA sewing projects; and sponsoring WPA sewing and canning projects in the state.

State agencies other than the department of public welfare which tie in with the federal agencies under the Social Security program are discussed in separate chapters under their respective headings.

**STATE DEPARTMENT OF PUBLIC WELFARE: NUMBER OF RECIPIENTS OF OLD AGE PENSIONS, BY CLASS AND BY MONTHS, FOR CALENDAR YEARS**

(Source: Department of Public Welfare)

Note—Class A includes persons 65 years old and over, class B includes persons 60 to 65 years, of age. The number in class B may be determined by subtracting class A from total. There were no class B pensioners prior to September 1, 1937. Class A are paid out of federal and state funds and Class B out of state funds only.

| MONTH           | 1941    |        | 1940    |        | 1938    |        |
|-----------------|---------|--------|---------|--------|---------|--------|
|                 | Class A | Total  | Class A | Total  | Class A | Total  |
| January .....   | 38,271  | 41,864 | 36,737  | 40,168 | 32,467  | 34,718 |
| February .....  | 38,238  | 41,830 | 36,830  | 40,270 | 32,889  | 35,314 |
| March .....     | 38,427  | 42,014 | 36,967  | 40,427 | 33,167  | 35,813 |
| April .....     | 38,630  | 42,209 | 37,111  | 40,607 | 33,403  | 36,177 |
| May .....       | 38,779  | 42,406 | 37,278  | 40,820 | 33,643  | 36,482 |
| June .....      | 38,920  | 42,551 | 37,509  | 41,090 | 33,818  | 36,713 |
| July .....      | 38,989  | 42,600 | 37,618  | 41,218 | 34,064  | 37,009 |
| August .....    | 39,031  | 42,608 | 37,760  | 41,373 | 34,080  | 37,016 |
| September ..... | 39,137  | 42,697 | 37,886  | 41,504 | 34,276  | 37,219 |
| October .....   | 39,259  | 42,762 | 37,987  | 41,568 | 34,465  | 37,417 |
| November .....  | 39,368  | 42,895 | 38,107  | 41,679 | 34,559  | 37,505 |
| December .....  | 39,412  | 42,899 | 38,243  | 41,851 | 34,654  | 37,650 |

**STATE DEPARTMENT OF PUBLIC WELFARE: RECEIPTS, EXPENDITURES  
AND UNOBLIGATED BALANCES, CALENDAR YEARS, 1938  
TO 1941, INCLUSIVE**

(Source: Department of Public Welfare)

|  | 1941         |             | Amount<br>1940 | Amount<br>1939 | Amount<br>1938 |
|--|--------------|-------------|----------------|----------------|----------------|
|  | Amount       | Per<br>cent |                |                |                |
| Unobligated balance, January 1 .....                             | \$ 1,677,899 | ...         | \$ 1,295,696   | \$ 1,570,154   | \$ 2,753,136   |
| <b>RECEIPTS</b>  |              |             |                |                |                |
| Sales tax .....  | \$ 7,957,915 | 34.0        | \$ 6,946,076   | \$ 6,819,939   | \$ 6,230,195   |
| Liquor taxes .....   | 2,374,674    | 10.1        | 2,316,233      | 2,274,083      | 2,276,455      |
| Use tax .....  | 435,037      | 1.9         | 358,739        | 323,071        | 172,524        |
| Inheritance tax (10%) .....                                      | 94,441       | 0.4         | 69,340         | 137,217        | 102,968        |
| Incorporation fees (10%) .....                                   | 683          | ...         | 767            | 1,137          | 1,064          |
| Recoveries old age assistance .....                              | 25,158       | 0.1         | 32,108         | 31,144         | 23,598         |
| License fees, cities and towns, (liquor) .....                   | 406,867      | 1.7         | 886,413        | 347,492        | 44,588         |
| Appropriation — unemployable relief .....                        | 1,779,353    | 7.6         | 1,952,826      | 2,092,001      | 1,656,395      |
| Appropriation — tuberculosis fund .....                          | 76,100       | 0.3         | 50,000         | 50,000         | 50,000         |
| Appropriation, emergency relief administration .....             | .....        | .....       | 60,000         | .....          | .....          |
| Federal grants in aid .....                                      | 10,164,613   | 43.4        | 9,115,290      | 6,541,732      | 6,710,087      |
| Sales, use tax and liquor surplus .....                          | 119,444      | 0.5         | .....          | .....          | .....          |
| Miscellaneous receipts .....                                     | 6,860        | ...         | 4,686          | 1,743          | 838            |
| Total receipts.....  | \$23,441,145 | 100.0       | \$21,792,478   | \$18,619,559   | \$17,268,712   |
| Total balance and receipts .....                                 | \$25,119,044 | ...         | \$23,088,174   | \$20,189,713   | \$20,021,848   |
| <b>EXPENDITURES</b>  |              |             |                |                |                |
| Old age pensions (including burials) .....                       | \$17,032,329 | 75.1        | \$15,925,563   | \$13,877,004   | \$12,778,334   |
| Old age pensions, bonus .....                                    | .....        | .....       | .....          | .....          | 960,065        |
| Aid to dependent children .....                                  | 1,704,976    | 7.5         | 1,580,727      | 1,141,877      | 893,572        |
| Aid to blind (including burials and treatment) .....             | 182,159      | 0.8         | 163,450        | 157,385        | 152,016        |
| Old age pensions, recoveries paid to social security board ..... | .....        | .....       | .....          | 8,922          | 657            |
| Child welfare service .....                                      | 41,792       | 0.2         | 37,298         | 39,070         | 38,549         |
| Allotments for unemployable relief .....                         | 1,754,353    | 7.7         | 1,927,378      | 2,211,032      | 2,364,969      |
| Purchase and distribution of surplus commodities .....           | 131,796      | 0.6         | 106,773        | 245,287        | 238,126        |
| Tuberculosis expenditures .....                                  | 66,709       | 0.3         | 52,039         | 58,773         | 48,550         |
| Sponsorship of WPA Projects .....                                | 147,383      | 0.7         | 133,401        | .....          | .....          |
| State Administrative expense .....                               | 221,337      | 1.0         | 193,963        | 164,041        | 141,504        |
| State's share of county administration expense .....             | 743,316      | 3.3         | 714,713        | 574,876        | 426,456        |
| Transfer to general fund <sup>1</sup> .....                      | 566,519      | 2.5         | 500,561        | 415,509        | 408,881        |
| Audit exceptions <sup>2</sup> .....                              | 61,349       | 0.3         | 71,445         | .....          | .....          |
| Miscellaneous expense .....                                      | 28           | ...         | 2,964          | 241            | 15             |
| Total expenditures .....   | \$22,654,046 | 100.0       | \$21,410,275   | \$18,894,017   | \$18,451,694   |
| Unobligated balance December 31 <sup>3</sup> .....               | 2,464,998    | ...         | 1,677,899      | 1,295,696      | 1,570,154      |
| Grand total .....  | \$25,119,044 | ...         | \$23,088,174   | \$20,189,713   | \$20,021,848   |

<sup>1</sup>This amount represents the remainder of the fifteen per cent (15%) of sales, liquor and use tax after the appropriation for aid to dependent children, aid to the blind, child welfare services and emergency and contingent are met, which is transferred to the general fund to partially meet the appropriation for general relief.

<sup>2</sup>This amount represents federal share of payments for grants and administration of old age pension, aid to dependent children and aid to the blind, to which the federal auditors took exception.

<sup>3</sup>Includes \$1,735,824.62 for 1941, \$1,249,068.19 for 1940, \$945,218.90 for 1939 and \$1,185,446.88 for 1938, in old age pension fund.

STATE DEPARTMENT OF PUBLIC WELFARE: REVENUES, EXPENDITURES AND BALANCES OF OLD AGE PENSION FUND, BY CALENDAR YEARS

(Source: Department of Public Welfare)

|                                  | 1941         | 1940         | 1939         | 1938         | 1937         |
|----------------------------------|--------------|--------------|--------------|--------------|--------------|
| Balance on January 1             | \$ 1,249,068 | \$ 945,218   | \$ 1,185,447 | \$ 1,950,163 | \$ 668,019   |
| <b>REVENUES</b>                  |              |              |              |              |              |
| Sales tax                        | \$ 6,426,016 | \$ 5,608,956 | \$ 5,507,100 | \$ 5,030,883 | \$ 5,379,269 |
| Liquor tax                       | 1,917,550    | 1,870,358    | 1,836,322    | 1,838,238    | 1,965,363    |
| Use tax                          | 351,292      | 289,682      | 260,880      | 139,313      | 76,704       |
| Inheritance taxes (10%)          | 89,719       | 65,873       | 130,357      | 97,820       | 63,294       |
| Incorporation fees (10%)         | 648          | 728          | 1,080        | 1,010        | 1,249        |
| Beer and liquor licenses—cities  | 406,867      | 886,413      | 347,492      | 44,588       | 31,279       |
| Total state revenue              | \$ 9,192,092 | \$ 8,722,010 | \$ 8,083,231 | \$ 7,151,852 | \$ 7,517,168 |
| Recoveries and adjustments       | 26,625       | 30,900       | 18,885       | 13,256       | 12,230       |
| Treasurers surplus               | 112,808      |              |              |              |              |
| Federal grants in aid            | 8,207,776    | 7,476,503    | 5,534,660    | 5,808,574    | 5,049,182    |
| Total all revenue                | \$17,539,301 | \$16,229,413 | \$13,636,776 | \$12,973,682 | \$12,578,570 |
| Total balance and revenue        | \$18,788,369 | \$17,174,631 | \$14,822,223 | \$14,923,845 | \$13,246,589 |
| <b>EXPENDITURES</b>              |              |              |              |              |              |
| Bonus                            |              |              |              | \$ 960,064   |              |
| Pensions                         | \$16,924,784 | \$15,817,705 | \$13,773,686 | \$12,686,029 | \$11,197,331 |
| Burials                          | 107,544      | 107,858      | 103,318      | 92,305       | 99,095       |
| Total expenditures               | \$17,032,328 | \$15,925,563 | \$13,877,004 | \$13,738,398 | \$11,296,426 |
| Balance December 31 <sup>1</sup> | 1,756,041    | 1,249,068    | 945,219      | 1,185,447    | 1,950,163    |
| Total, expenditures and balance  | \$18,788,369 | \$17,174,631 | \$14,822,223 | \$14,923,845 | \$13,246,589 |

<sup>1</sup>This sum includes \$1,005,325.07 for 1941, \$459,215.41 for 1940, \$125,480.46 for 1939, \$442,389.96 for 1938 and \$64,913.05 for 1937, federal funds to be used in matching state funds for the following quarters.

STATE DEPARTMENT OF PUBLIC WELFARE: EXPENDITURES FOR WELFARE PURPOSES FROM COUNTY FUNDS ONLY, BY CALENDAR YEARS

(Source: Department of Public Welfare)

| YEAR  | Aid to Dependent Children | Aid to the Blind | Welfare Administrative Expenses | Assistance to Needy Tuberculars | *General Relief | Total           |
|-------|---------------------------|------------------|---------------------------------|---------------------------------|-----------------|-----------------|
| 1937  | \$ 385,624.98             | \$ 48,487.54     | \$ 488,657.86                   | \$ 2,927.85                     | \$1,474,435.81  | \$ 2,400,134.04 |
| 1938  | 446,786.15                | 50,672.13        | 523,474.30                      | 44,550.42                       | 1,749,533.28    | 2,815,016.28    |
| 1939  | 570,938.54                | 52,461.66        | 409,081.95                      | 54,772.89                       | 1,753,681.71    | 2,840,936.75    |
| 1940  | 526,739.02                | 54,483.17        | 342,984.02                      | 48,039.41                       | 1,932,564.15    | 2,904,809.77    |
| 1941  | 568,296.36                | 60,719.58        | 355,344.09                      | 62,708.91                       | 2,008,060.55    | 3,055,129.49    |
| Total | \$2,498,385.05            | \$ 266,824.08    | \$2,119,542.22                  | \$ 212,999.48                   | \$8,918,275.50  | \$14,016,026.33 |

\*These expenditures do not include county funds used for sponsorship of WPA projects.

STATE DEPARTMENT OF PUBLIC WELFARE: FEDERAL AND STATE FUNDS ALLOTTED TO COUNTIES FOR WELFARE PURPOSES, BY CALENDAR YEARS

(Source: Department of Public Welfare)

| YEAR  | Unemployable Relief | Old Age Pensions | Aid to the Blind | Aid to Dependent Children | Public Welfare Administration | Tuberculosis Assistance | Total            |
|-------|---------------------|------------------|------------------|---------------------------|-------------------------------|-------------------------|------------------|
| 936*  | \$ 2,674,149.00     | \$ 5,160,568.78  | \$ 77,143.44     | \$ 231,779.35             | \$ 228,860.27                 |                         | \$ 8,372,500.84  |
| 937   | 2,511,671.64        | 11,340,260.09    | 146,672.66       | 750,012.85                | 395,041.12                    |                         | 15,143,658.36    |
| 938   | 2,364,968.98        | 13,656,032.37    | 150,296.54       | 881,147.83                | 425,266.92                    | \$ 42,953.12            | 17,520,665.76    |
| 939   | 2,211,032.09        | 13,878,829.29    | 157,695.70       | 1,123,421.23              | 552,490.10                    | 53,711.54               | 17,977,179.95    |
| 940   | 1,927,378.40        | 15,903,374.58    | 163,474.36       | 1,538,861.03              | 713,114.88                    | 49,922.19               | 23,296,125.44    |
| 941   | 1,754,353.19        | 17,013,080.33    | 178,743.09       | 1,704,858.23              | 739,861.66                    | 58,995.27               | 21,449,891.82    |
| Total | \$13,443,553.30     | \$76,952,145.44  | \$874,025.79     | \$6,230,080.57            | \$3,054,634.95                | \$205,582.12            | \$100,760,022.17 |

\*April 1 to December 31.

**STATE DEPARTMENT OF PUBLIC WELFARE: STATE AND FEDERAL FUNDS  
ALLOTTED TO COUNTIES FOR WELFARE PURPOSES, 1941**

(Source: Department of Public Welfare)

|                    | Unem-<br>ployable<br>Relief | Old Age<br>Pensions | Aid to<br>the Blind | Aid to<br>Dependent<br>Children | Public<br>Welfare<br>Adminis-<br>tration | Tuber-<br>culosis<br>Aid | Total               |
|--------------------|-----------------------------|---------------------|---------------------|---------------------------------|--|--------------------------|---------------------|
| Adams .....        | \$ 33,502                   | \$ 251,864          | \$ 1,674            | \$ 20,693                       | \$ 8,914                                 | \$ 563                   | \$ 317,210          |
| Alamosa .....      | 12,722                      | 105,404             | 1,175               | 10,239                          | 4,686                                    | ...                      | 134,225             |
| Arapahoe .....     | 33,538                      | 470,460             | 4,197               | 62,424                          | 19,889                                   | 924                      | 591,432             |
| Archuleta .....    | 5,621                       | 67,540              | .....               | 3,878                           | 3,506                                    | .....                    | 80,547              |
| Baca .....         | 11,023                      | 127,508             | .....               | 8,855                           | 6,885                                    | .....                    | 154,271             |
| Bent .....         | 9,231                       | 128,297             | 809                 | 5,979                           | 8,598                                    | 302                      | 153,217             |
| Boulder .....      | 54,117                      | 564,970             | 4,984               | 46,605                          | 22,813                                   | 6,526                    | 700,013             |
| Chaffee .....      | 17,209                      | 160,890             | 2,381               | 14,744                          | 5,568                                    | .....                    | 200,792             |
| Cheyenne .....     | 6,066                       | 69,901              | 805                 | 5,255                           | 3,194                                    | .....                    | 85,222              |
| Clear Creek .....  | 8,062                       | 45,384              | 1,449               | 5,551                           | 1,916                                    | .....                    | 62,361              |
| Conejos .....      | 17,196                      | 189,081             | 1,710               | 14,981                          | 7,727                                    | 363                      | 231,058             |
| Costilla .....     | 21,688                      | 123,243             | 1,541               | 3,653                           | 7,530                                    | .....                    | 157,656             |
| Crowley .....      | 6,832                       | 86,581              | 150                 | 5,847                           | 3,737                                    | 441                      | 103,588             |
| Custer .....       | 4,531                       | 54,553              | 1,401               | 2,592                           | 3,024                                    | .....                    | 66,101              |
| Delta .....        | 14,805                      | 313,429             | 2,241               | 26,430                          | 12,459                                   | 981                      | 370,345             |
| Denver .....       | 622,532                     | 4,602,694           | 46,090              | 547,376                         | 195,951                                  | 8,487                    | 6,023,131           |
| Dolores .....      | 2,061                       | 26,600              | .....               | 2,526                           | 2,148                                    | .....                    | 33,334              |
| Douglas .....      | 3,183                       | 44,350              | 807                 | 7,830                           | 1,817                                    | 270                      | 58,258              |
| Eagle .....        | 8,949                       | 59,336              | 180                 | 7,697                           | 3,471                                    | .....                    | 79,632              |
| Elbert .....       | 5,139                       | 81,926              | 270                 | 6,321                           | 4,557                                    | .....                    | 98,213              |
| El Paso .....      | 67,164                      | 958,420             | 9,328               | 71,040                          | 33,706                                   | 4,510                    | 1,144,169           |
| Fremont .....      | 38,268                      | 431,685             | 5,074               | 33,191                          | 10,138                                   | 126                      | 518,481             |
| Garfield .....     | 10,017                      | 196,377             | 2,256               | 19,845                          | 9,794                                    | 563                      | 238,853             |
| Gilpin .....       | 2,961                       | 27,563              | 33                  | 3,463                           | 1,878                                    | 85                       | 35,982              |
| Grand .....        | 4,725                       | 34,845              | 293                 | 6,692                           | 1,697                                    | .....                    | 43,252              |
| Gunnison .....     | 10,468                      | 61,852              | 144                 | 16,627                          | 3,715                                    | .....                    | 82,806              |
| Hinsdale .....     | 766                         | 3,708               | .....               | 115                             | 646                                      | .....                    | 5,235               |
| Huerfano .....     | 45,993                      | 339,721             | 4,216               | 26,518                          | 18,729                                   | 168                      | 435,345             |
| Jackson .....      | 967                         | 17,443              | .....               | 2,695                           | 882                                      | 167                      | 22,154              |
| Jefferson .....    | 33,817                      | 409,654             | 4,787               | 51,960                          | 17,116                                   | 866                      | 518,201             |
| Kiowa .....        | 6,648                       | 64,509              | 678                 | 5,507                           | 4,628                                    | .....                    | 81,972              |
| Kit Carson .....   | 11,729                      | 198,496             | 947                 | 14,745                          | 6,585                                    | .....                    | 232,502             |
| Lake .....         | 8,528                       | 55,876              | 495                 | 7,057                           | 2,794                                    | 322                      | 75,071              |
| La Plata .....     | 22,589                      | 249,907             | 2,457               | 22,917                          | 8,637                                    | 641                      | 307,147             |
| Larimer .....      | 60,230                      | 638,048             | 4,243               | 54,315                          | 29,480                                   | 2,337                    | 789,157             |
| Las Animas .....   | 66,666                      | 620,601             | 10,265              | 52,856                          | 33,422                                   | 2,328                    | 786,138             |
| Lincoln .....      | 8,125                       | 112,887             | 1,688               | 10,024                          | 5,112                                    | 907                      | 138,747             |
| Logan .....        | 19,299                      | 220,601             | 3,954               | 20,799                          | 7,953                                    | 1,123                    | 273,724             |
| Mesa .....         | 14,772                      | 473,248             | 4,686               | 25,925                          | 18,881                                   | 3,367                    | 540,881             |
| Mineral .....      | 949                         | 9,861               | 134                 | 890                             | 974                                      | .....                    | 12,804              |
| Moffat .....       | 5,073                       | 66,988              | 963                 | 5,223                           | 2,289                                    | .....                    | 80,533              |
| Montezuma .....    | 11,430                      | 152,529             | 1,289               | 16,456                          | 4,760                                    | 995                      | 187,466             |
| Montrose .....     | 18,196                      | 266,105             | 1,841               | 11,261                          | 7,300                                    | 151                      | 304,855             |
| Morgan .....       | 23,224                      | 271,945             | 1,422               | 29,231                          | 9,106                                    | 161                      | 335,088             |
| Otero .....        | 23,626                      | 353,824             | 4,592               | 40,186                          | 18,543                                   | 3,466                    | 444,233             |
| Ouray .....        | 3,822                       | 40,549              | 705                 | 3,695                           | 1,245                                    | .....                    | 50,011              |
| Park .....         | 2,577                       | 37,234              | 255                 | 2,769                           | 2,870                                    | 101                      | 45,804              |
| Phillips .....     | 7,041                       | 87,240              | 503                 | 6,413                           | 1,828                                    | 95                       | 103,111             |
| Pitkin .....       | 5,108                       | 42,990              | 72                  | 3,276                           | 2,170                                    | .....                    | 53,611              |
| Prowers .....      | 25,268                      | 224,867             | 1,808               | 31,864                          | 11,857                                   | 2,475                    | 298,133             |
| Pueblo .....       | 107,737                     | 920,099             | 16,684              | 89,491                          | 51,714                                   | 4,281                    | 1,190,000           |
| Rio Blanco .....   | 3,239                       | 48,248              | .....               | 5,064                           | 2,110                                    | .....                    | 58,666              |
| Rio Grande .....   | 11,300                      | 154,098             | 1,500               | 9,230                           | 7,021                                    | .....                    | 183,144             |
| Routt .....        | 15,778                      | 124,122             | 1,580               | 14,466                          | 4,858                                    | 144                      | 160,944             |
| Saguache .....     | 3,749                       | 94,389              | 788                 | 5,927                           | 3,186                                    | .....                    | 108,033             |
| San Juan .....     | 3,491                       | 18,403              | .....               | 963                             | 1,196                                    | 77                       | 24,112              |
| San Miguel .....   | 2,086                       | 38,903              | 1,296               | 1,607                           | 1,921                                    | .....                    | 45,811              |
| Sedgwick .....     | 5,033                       | 62,085              | 180                 | 6,203                           | 2,096                                    | 586                      | 76,118              |
| Summit .....       | 2,564                       | 31,439              | .....               | 893                             | 2,378                                    | .....                    | 37,271              |
| Teller .....       | 9,181                       | 93,493              | 2,255               | 6,182                           | 3,976                                    | 81                       | 115,114             |
| Washington .....   | 11,953                      | 145,667             | 638                 | 15,207                          | 5,822                                    | 93                       | 179,313             |
| Weld .....         | 104,142                     | 844,568             | 10,605              | 135,440                         | 38,006                                   | 8,958                    | 1,141,711           |
| Yuma .....         | 16,047                      | 193,982             | 2,225               | 22,154                          | 8,453                                    | 464                      | 243,311             |
| <b>Total .....</b> | <b>\$1,754,353</b>          | <b>\$17,013,080</b> | <b>\$ 178,743</b>   | <b>\$1,704,858</b>              | <b>\$ 739,862</b>                        | <b>\$ 58,995</b>         | <b>\$21,449,811</b> |

**STATE DEPARTMENT OF PUBLIC WELFARE: EXPENDITURES FOR WELFARE PURPOSES FROM COUNTY FUNDS ONLY, 1941**

(Source: Department of Public Welfare)

|                   | Aid to Dependent Children | Aid to the Blind | Welfare Administration Expense | Assistance to Needy Tuberculars | *General Relief | Total        |
|-------------------|---------------------------|------------------|--------------------------------|---------------------------------|-----------------|--------------|
| Adams .....       | \$ 6,942                  | \$ 547           | \$ 4,027                       | \$ 598                          | \$ 33,046       | \$ 45,162    |
| Alamosa .....     | 3,470                     | 390              | 2,086                          | ....                            | 3,678           | 9,624        |
| Arapahoe .....    | 20,850                    | 1,436            | 8,041                          | 1,036                           | 42,266          | 73,629       |
| Archuleta .....   | 1,271                     | 35               | 2,016                          | ....                            | 1,340           | 4,661        |
| Baca .....        | 2,948                     | ....             | 2,833                          | ....                            | 12,070          | 17,851       |
| Bent .....        | 1,994                     | 256              | 3,688                          | 338                             | 7,365           | 13,642       |
| Boulder .....     | 15,550                    | 1,720            | 9,604                          | 7,124                           | 50,943          | 84,941       |
| Chaffee .....     | 4,899                     | 799              | 2,889                          | ....                            | 8,090           | 16,673       |
| Cheyenne .....    | 1,770                     | 273              | 1,387                          | ....                            | 4,791           | 8,221        |
| Clear Creek ..... | 1,863                     | 501              | 1,006                          | ....                            | 5,655           | 9,024        |
| Conejos .....     | 4,976                     | 565              | 3,686                          | 369                             | 1,322           | 10,989       |
| Costilla .....    | 1,225                     | 516              | 4,683                          | ....                            | 734             | 7,159        |
| Crowley .....     | 1,980                     | 41               | 1,977                          | 446                             | 7,010           | 11,454       |
| Custer .....      | 872                       | 465              | 1,410                          | ....                            | 3,422           | 6,168        |
| Delta .....       | 8,849                     | 743              | 5,664                          | 1,017                           | 16,637          | 32,910       |
| Denver .....      | 181,294                   | 15,863           | 95,797                         | 9,740                           | 1,011,044       | 1,313,738    |
| Dolores .....     | 834                       | ....             | 1,414                          | ....                            | 1,416           | 3,665        |
| Douglas .....     | 2,588                     | 245              | 925                            | 267                             | 5,451           | 9,476        |
| Eagle .....       | 2,541                     | 70               | 1,913                          | ....                            | 12,540          | 17,064       |
| Elbert .....      | 2,126                     | 90               | 2,136                          | ....                            | 6,468           | 10,820       |
| El Paso .....     | 23,700                    | 3,216            | 17,057                         | 4,644                           | 50,484          | 99,100       |
| Fremont .....     | 11,072                    | 1,699            | 4,702                          | 165                             | 15,168          | 32,806       |
| Garfield .....    | 6,539                     | 715              | 5,844                          | 598                             | 25,609          | 39,304       |
| Gilpin .....      | 1,124                     | 11               | 1,085                          | 85                              | 5,794           | 8,100        |
| Grand .....       | 569                       | 90               | 894                            | ....                            | 7,334           | 8,886        |
| Gunnison .....    | 2,220                     | 41               | 1,867                          | 56                              | 12,307          | 16,491       |
| Hinsdale .....    | 39                        | ....             | 224                            | ....                            | 641             | 904          |
| Huerfano .....    | 8,752                     | 1,388            | 8,144                          | 209                             | 14,048          | 32,543       |
| Jackson .....     | 898                       | ....             | 481                            | 167                             | 2,264           | 3,809        |
| Jefferson .....   | 17,154                    | 1,579            | 7,084                          | 962                             | 56,104          | 82,883       |
| Kiowa .....       | 1,807                     | 243              | 2,430                          | ....                            | 3,793           | 8,273        |
| Kit Carson .....  | 4,858                     | 318              | 3,292                          | ....                            | 16,022          | 24,491       |
| Lake .....        | 2,312                     | 165              | 2,047                          | 353                             | 6,075           | 10,952       |
| La Plata .....    | 7,854                     | 799              | 4,270                          | 726                             | 22,810          | 36,460       |
| Larimer .....     | 18,079                    | 1,457            | 14,361                         | 2,914                           | 62,760          | 99,572       |
| Las Animas .....  | 17,576                    | 3,481            | 13,679                         | 2,439                           | 15,559          | 52,734       |
| Lincoln .....     | 3,371                     | 563              | 2,185                          | 871                             | 7,607           | 14,595       |
| Logan .....       | 6,975                     | 1,349            | 3,588                          | 1,145                           | 19,217          | 32,275       |
| Mesa .....        | 8,776                     | 1,572            | 9,489                          | 3,360                           | 15,215          | 38,412       |
| Mineral .....     | 302                       | 45               | 424                            | ....                            | 990             | 1,760        |
| Moffat .....      | 1,720                     | 323              | 1,172                          | ....                            | 5,445           | 8,660        |
| Montezuma .....   | 5,558                     | 434              | 2,559                          | 1,078                           | 5,345           | 14,975       |
| Montrose .....    | 3,763                     | 639              | 3,371                          | 190                             | 10,164          | 18,127       |
| Morgan .....      | 9,628                     | 449              | 5,030                          | 198                             | 34,799          | 50,104       |
| Otero .....       | 13,627                    | 1,527            | 10,027                         | 3,662                           | 16,283          | 45,126       |
| Ouray .....       | 1,234                     | 220              | 620                            | ....                            | 2,836           | 4,910        |
| Park .....        | 926                       | 105              | 1,632                          | 101                             | 7,346           | 10,110       |
| Phillips .....    | 2,102                     | 170              | 1,162                          | 95                              | 4,085           | 7,613        |
| Pitkin .....      | 1,055                     | 24               | 901                            | ....                            | 5,332           | 7,311        |
| Prowers .....     | 10,670                    | 622              | 5,566                          | 2,473                           | 14,622          | 33,954       |
| Pueblo .....      | 29,759                    | 5,815            | 23,669                         | 4,345                           | 70,307          | 133,895      |
| Rio Blanco .....  | 1,711                     | ....             | 964                            | ....                            | 3,878           | 6,552        |
| Rio Grande .....  | 3,128                     | 527              | 3,851                          | ....                            | 3,222           | 10,797       |
| Routt .....       | 4,815                     | 491              | 2,941                          | 185                             | 8,129           | 16,561       |
| Saguache .....    | 1,965                     | 278              | 1,474                          | ....                            | 3,148           | 6,864        |
| San Juan .....    | 317                       | ....             | 540                            | 101                             | 4,559           | 5,518        |
| San Miguel .....  | 545                       | 431              | 903                            | ....                            | 5,708           | 7,588        |
| Sedgwick .....    | 2,043                     | 68               | 1,050                          | 663                             | 5,403           | 9,228        |
| Summit .....      | 309                       | ....             | 1,181                          | ....                            | 4,834           | 6,324        |
| Teller .....      | 2,046                     | 772              | 1,721                          | 105                             | 6,655           | 11,300       |
| Washington .....  | 5,033                     | 195              | 2,963                          | 67                              | 12,872          | 21,130       |
| Weld .....        | 46,056                    | 3,607            | 17,490                         | 9,354                           | 155,145         | 231,652      |
| Yuma .....        | 7,467                     | 736              | 4,228                          | 463                             | 22,715          | 35,609       |
| Total .....       | \$ 568,296                | \$ 60,719        | \$ 355,344                     | \$ 62,709                       | \$ 2,008,061    | \$ 3,055,129 |

\*These expenditures do not include county funds for sponsorship of WPA projects.

### EMPLOYMENT SECURITY

The Bureau of Employment Security is the federal agency within the Social Security board designated to administer the unemployment compensation and employment service functions as consolidated under the President's reorganization plan No. 1 of 1939. With respect to unemployment compensation, the social security act is essentially an enabling statute designed to facilitate the enactment and administration of unemployment compensation laws by the states. The state laws must meet certain basic standards, approved by the social security board. The employment service provides a national system of employment offices for men, women and juniors legally eligible for employment, and is charged with assisting in establishing and maintaining systems of public employment offices in the states. The Wagner-Peyser act provides for grants of federal funds for state and local public employment offices to match state and local funds made available for that purpose. The operations of the two divisions within Colorado are given in the following summaries:

**Unemployment Compensation**—The unemployment compensation act of Colorado was approved by the governor on November 20, 1936, and by the federal Social Security board on November 27, 1936. The division of unemployment compensation under the state industrial commission was set up on December 1, 1936. This act was amended, largely for the purpose of simplifying the accounting and reporting procedure, effective September 1, 1937. Several other amendments were enacted in May, 1939, and became effective May 10. These mostly were of a technical nature. Exceptions were amendments necessary to comply with the federal railroad unemployment insurance plan for railroad workers, to exclude railroad workers from coverage under the state act, to terminate benefit rights based on railroad employment and to provide for transfer of contributions previously collected from railroads. This was in accordance with a separate unemployment insurance plan for railroad workers. Another amendment provided for the transfer of the Colorado State Employment service to the newly created Department of Employment Security, combining it with the unemployment compensation division.

The unemployment compensation act of Colorado covers in general the collection of taxes levied upon employers' payrolls in the state at rates corre-

sponding to those in the federal act. The proceeds of the levy, including interest on the trust fund, penalties and interest on delinquencies, make up an unemployment compensation trust fund which can be used only for the payment of benefits accruing to unemployed workers in the state. This fund is deposited in the United States treasury. No part of the fund can be used for state administrative purposes. The proceeds of this fund are used for weekly payments under established rules and regulations to qualified workers in the state who are laid off or lose their jobs.

The state department of employment security, under which comes the administration of unemployment compensation, is under an executive director who has a staff of assistants, accountants and statisticians. The director is aided by an advisory council consisting of nine men and women representing employers, employees and the general public which advises on matters affecting unemployment compensation rates of the groups which they represent. The amount of compensation to the unemployed, the conditions upon which payments are made and other details of procedure, including the collection of the tax, are covered by rules and regulations of the state division which have been approved by the federal agency.

The levying of contributions to the unemployment compensation fund began in 1936, and contributions and interest collected up to December 31, 1941, distributed by years are as follows:

| Year        | Amount          |
|-------------|-----------------|
| 1936 .....  | \$ 1,592,203.59 |
| 1937 .....  | 3,671,022.53    |
| 1938 .....  | 3,518,766.84    |
| 1939 .....  | 5,263,337.30    |
| 1940 .....  | 4,924,985.84    |
| 1941 .....  | 5,430,399.99    |
| Total ..... | \$24,400,716.09 |

Benefit payments began under the law on January 1, 1939. The amount of payments, including those for total and partial unemployment, down to the end of 1941, were \$9,876,764.61. The distribution by years is as follows:

| Year        | Amount         |
|-------------|----------------|
| 1939 .....  | \$3,471,433.51 |
| 1940 .....  | 4,176,033.79   |
| 1941 .....  | 2,229,297.31   |
| Total ..... | \$9,876,764.61 |

There were 212,346 checks drawn in favor of eligible claimants in 1941, the aggregate amount being \$2,229,297.31. This was a decrease of \$1,951,736 compared with 1940, the reduction being

credited to the record-high employment levels through the stimulation of war activities. The benefits covered a total of 223,863 weeks.

There are three accounts maintained within the unemployment compensation fund—the clearing account, deposited with the state treasurer for cash refunds for overpayments; the trust fund, deposited with the United States treasurer and invested in notes and securities guaranteed by the federal government, and the benefit payment account, deposited in a Denver bank for current benefit payments. The status of the fund on December 31, 1941, is as follows:

|   |                 |          |
|---|-----------------|----------|
| Clearing account (state treasury) .....           | \$              | 9,166.30 |
| Employment trust fund (U. S. treasury).....       | 13,070,675.99   |          |
| Benefit payment account (First National bank).... | 50,838.11       |          |
| <hr/>   |                 |          |
| Total cash assets.....                            | \$13,130,680.40 |          |
| Net contributions receivable                      | 41,915.10       |          |
| <hr/>   |                 |          |
| Total assets .....                                | \$13,172,595.50 |          |

The administrative expenses of the state division, which are covered by grant from the federal government, by calendar years, are as follows:

| Year       | Amount       |
|------------|--------------|
| 1939 ..... | \$272,513.00 |
| 1940 ..... | 496,788.63   |
| 1941 ..... | 490,525.59   |

Three tables published herewith are as follows:

Receipts and disbursements of the unemployment compensation fund for Colorado by calendar years.

Amounts of all benefit payments, by industrial groups, by calendar years.

Benefit payments by counties, for calendar years.

**Employment Service**—The United States Employment service was created by the Wagner-Peyser act, approved by the President on June 6, 1933. It provided for the inauguration of a nation-wide system of federal-state public employment offices. Colorado, having no state employment service, worked through a temporary organization created to supervise the placement of workers on public projects and to build a foundation upon which a permanent state service could be established. The Colorado State Employment service subsequently was formed as the permanent organization for the state under the terms of the Wagner-Peyser act, and on March 1, 1934, the temporary district offices at Denver and Pueblo were transferred to the new state-federal agency. On August 1, 1937, the joint agency assumed the responsibility for the operation of the service in the entire state

and the national re-employment service, which had filled in the temporary breach, ceased to be active in the state. An act of the state legislature, approved May 10, 1939, made the Colorado State Employment service a part of the Department of Employment Security under the state industrial commission. On January 1, 1942, under an executive order issued by the President, the federal government took over the state employment service division on a loan basis for the duration of the war, the state retaining control of the organization, but operating exclusively on federal funds. Prior to this action the division functioned under the provisions of the Wagner-Peyser act, which provided for the matching of state and federal funds.

The activities of the division have been widely expanded to meet national defense requirements. In addition to its general program, in which 70,318 jobs were filled in 1941, it has been designated as the government's agency by the war production board for obtaining labor and supply information necessary to bring about the full utilization of labor in the war effort. Included in the program are the veterans' employment service, farm placement service, teacher placement service and occupational adjustment service.

The organization has 28 regular offices in the state, located in the principal population centers. In each of these offices applicants may register for work and be placed in employment as opportunities arise. Also, applicants for unemployment compensation are required to register in these offices and file claims for benefits. In areas distant from these centers local advisors who serve without pay, are appointed.

The district offices are located in the following cities: Alamosa, Boulder, Canon City, Colorado Springs, Delta, Denver, Durango, Ft. Collins, Ft. Lupton, Ft. Morgan, Glenwood Springs, Grand Junction, Greeley, Lamar, La Junta, Las Animas, Leadville, Longmont, Loveland, Monte Vista, Montrose, Pueblo, Rocky Ford, Salida, Steamboat Springs, Sterling, Trinidad, Walsenburg.

The average number of applicants in the active files and the total number of placements, by calendar years, are as follows:

| Year      | No. in Active File | Total Placements |
|-----------|--------------------|------------------|
| 1937..... | 54,967             | 55,620           |
| 1938..... | 56,392             | 45,523           |
| 1939..... | 66,111             | 54,129           |
| 1940..... | 57,720             | 61,806           |
| 1941..... | 53,057             | 70,348           |

**UNEMPLOYMENT COMPENSATION: STATEMENT OF RECEIPTS AND DISBURSEMENTS OF UNEMPLOYMENT COMPENSATION FUND FOR COLORADO, BY CALENDAR YEARS**

(Source: Department of Employment Security)

|  | 1941            | 1940            | 1939            |
|--|-----------------|-----------------|-----------------|
| Balance beginning of year.....                 | \$ 9,923,321.92 | \$10,695,166.64 | \$ 8,893,159.35 |
| Receipts:                                      |                 |                 |                 |
| Net contributions.....                         | 5,162,583.43    | 4,646,385.20    | 5,021,448.89    |
| Interest on contributions.....                 | 8,356.11        | 12,750.67       | 18,779.30       |
| Interest on Trust Fund.....                    | 259,460.45      | 265,849.97      | 227,109.11      |
| Total receipts.....                            | \$ 5,430,399.99 | \$ 4,924,985.84 | \$ 5,267,337.30 |
| Balance and receipts.....                      | \$15,353,721.91 | \$15,620,152.48 | \$14,160,496.65 |
| Disbursements:                                 |                 |                 |                 |
| Benefit payments.....                          | \$ 2,223,041.51 | \$ 4,168,790.37 | \$ 3,465,330.01 |
| Transferred to railroad retirement board ..... | .....           | 1,528,040.19    | .....           |
| Total disbursements.....                       | \$ 2,223,041.51 | \$ 5,696,830.56 | \$ 3,465,330.01 |
| Balance end of year.....                       | \$13,130,680.40 | \$ 9,923,321.92 | \$10,695,166.64 |

**UNEMPLOYMENT COMPENSATION: AMOUNT OF ALL BENEFIT PAYMENTS, BY INDUSTRY GROUPS AND BY CALENDAR YEARS**

(Source: Department of Employment Security)

| GROUP  | 1941           | 1940           | 1939           |
|--|----------------|----------------|----------------|
| Mining and quarrying.....                        | \$ 543,506.02  | \$1,119,046.12 | \$1,079,657.09 |
| Contract construction.....                       | 364,688.46     | 824,087.98     | 434,880.79     |
| Manufacturing .....                              | 434,472.41     | 807,104.08     | 610,335.15     |
| Transportation .....                             | 53,334.55      | 99,406.89      | 348,124.31     |
| Communication .....                              | 53,041.33      | 51,138.93      | 42,614.29      |
| Utilities .....                                  | 21,919.62      | 43,819.67      | 33,566.55      |
| Trade .....                                      | 451,518.91     | 724,884.86     | 522,789.97     |
| Finance .....                                    | 11,770.18      | 10,759.57      | 8,411.27       |
| Insurance .....                                  | 10,231.89      | 13,681.19      | 11,591.84      |
| Real estate and combination groups.....          | 25,342.73      | 32,190.14      | 24,719.35      |
| Administrative Offices and Auxillary Units ..... | 826.36         | 5,514.50       | 10,412.21      |
| Service .....                                    | 236,550.03     | 393,699.29     | 298,570.80     |
| Professional services.....                       | 10,624.92      | 20,120.61      | 10,797.53      |
| Miscellaneous .....                              | 11,469.90      | 30,579.96      | 34,962.36      |
| Total .....                                      | \$2,229,297.31 | \$4,176,033.79 | \$3,471,433.51 |

**UNEMPLOYMENT COMPENSATION: AMOUNT OF BENEFITS PAID TO COLORADO CLAIMANTS, CLASSIFIED BY COUNTIES, CALENDAR YEARS 1941, 1940 AND 1939**

(Source: Department of Employment Security)

| COUNTY         | 1941                  | 1940                  | 1939                  |
|----------------|-----------------------|-----------------------|-----------------------|
| Adams          | \$ 26,195.95          | \$ 40,595.74          | \$ 23,363.40          |
| Alamosa        | 9,766.03              | 21,959.19             | 22,686.31             |
| Arapahoe       | 54,336.58             | 105,372.07            | 43,502.91             |
| Archuleta      | 2,358.33              | 3,262.57              | 9,175.24              |
| Baca           | 749.07                | 1,290.12              | 2,133.91              |
| Bent           | 12,044.58             | 14,992.52             | 8,193.66              |
| Boulder        | 133,187.45            | 272,662.58            | 235,386.13            |
| Chaffee        | 18,508.17             | 36,286.62             | 57,127.19             |
| Cheyenne       | 237.67                | 456.89                | 1,849.32              |
| Clear Creek    | 15,557.24             | 29,953.41             | 27,479.74             |
| Conejos        | 1,968.55              | 3,816.55              | 5,325.48              |
| Costilla       | 1,003.43              | 1,408.66              | 1,991.23              |
| Crowley        | 4,675.66              | 5,739.05              | 7,772.24              |
| Custer         | 413.61                | 1,022.97              | 1,312.48              |
| Delta          | 21,642.25             | 38,990.83             | 27,347.55             |
| Denver         | 706,857.64            | 1,296,349.38          | 1,032,260.76          |
| Dolores        | 844.96                | 3,925.82              | 8,758.83              |
| Douglas        | 1,819.95              | 3,722.45              | 2,482.48              |
| Eagle          | 7,867.66              | 9,752.06              | 7,754.86              |
| Elbert         | 953.80                | 1,543.40              | 1,328.02              |
| El Paso        | 105,009.08            | 189,314.26            | 148,284.07            |
| Fremont        | 64,336.99             | 167,931.59            | 126,218.18            |
| Garfield       | 12,578.08             | 18,770.80             | 22,791.14             |
| Gilpin         | 12,096.84             | 14,077.54             | 9,963.66              |
| Grand          | 11,707.35             | 22,499.78             | 9,832.13              |
| Gunnison       | 12,818.04             | 53,412.12             | 67,257.66             |
| Hinsdale       | 315.00                | 291.20                | 344.17                |
| Huerfano       | 26,607.81             | 57,621.43             | 75,749.24             |
| Jackson        | 4,195.59              | 7,155.61              | 5,872.85              |
| Jefferson      | 49,474.38             | 87,925.37             | 37,507.63             |
| Kiowa          | 595.73                | 867.55                | 2,405.59              |
| Kit Carson     | 2,031.22              | 2,149.56              | 1,597.50              |
| Lake           | 14,615.78             | 41,172.21             | 44,864.63             |
| La Plata       | 28,378.25             | 54,044.46             | 45,886.37             |
| Larimer        | 58,467.62             | 131,341.14            | 100,692.81            |
| Las Animas     | 24,022.51             | 85,953.16             | 85,857.84             |
| Lincoln        | 1,047.92              | 1,874.31              | 4,156.56              |
| Logan          | 8,981.78              | 25,267.19             | 30,390.63             |
| Mesa           | 39,186.65             | 71,202.26             | 73,099.58             |
| Mineral        | 962.89                | 954.13                | 731.93                |
| Moffat         | 4,057.64              | 9,392.60              | 7,733.16              |
| Montezuma      | 26,195.91             | 24,676.60             | 18,381.18             |
| Montrose       | 11,735.88             | 23,914.44             | 26,686.20             |
| Morgan         | 11,903.95             | 24,438.82             | 31,473.64             |
| Otero          | 23,143.59             | 39,522.17             | 48,595.94             |
| Ouray          | 8,884.38              | 10,189.23             | 11,493.92             |
| Park           | 6,264.16              | 17,236.30             | 15,968.13             |
| Phillips       | 1,275.83              | 1,458.61              | 1,592.46              |
| Pitkin         | 1,625.39              | 2,718.96              | 5,755.32              |
| Prowers        | 13,621.40             | 27,594.95             | 17,598.94             |
| Pueblo         | 82,330.89             | 194,655.74            | 158,862.99            |
| Rio Blanco     | 2,714.89              | 2,844.28              | 1,099.97              |
| Rio Grande     | 11,642.84             | 18,071.52             | 21,339.17             |
| Routt          | 28,477.94             | 116,979.02            | 102,232.40            |
| Saguache       | 2,703.49              | 7,533.30              | 6,831.47              |
| San Juan       | 7,630.93              | 14,275.33             | 22,792.40             |
| San Miguel     | 11,139.46             | 15,341.17             | 6,797.32              |
| Sedgwick       | 7,071.91              | 10,931.44             | 15,398.05             |
| Summit         | 10,302.12             | 12,231.00             | 7,734.24              |
| Teller         | 8,066.34              | 22,038.49             | 15,762.61             |
| Washington     | 588.13                | 3,181.44              | 4,850.45              |
| Weld           | 116,634.87            | 199,935.90            | 213,259.87            |
| Yuma           | 1,418.30              | 1,820.53              | 2,091.32              |
| Out-of-State   | 331,122.73            | 447,906.98            | 285,745.30            |
| Not classified | 326.25                | 216.42                | 621.15                |
| <b>Total</b>   | <b>\$2,229,297.31</b> | <b>\$4,176,033.79</b> | <b>\$3,471,433.51</b> |

## Occupations and Employment

### State Industrial Commission, Workmen's Compensation Insurance Fund, Accidents and Claims, Strikes, Child Labor Amendment

THE Industrial Commission of Colorado began to function on August 1, 1915, as the administrator of the workmen's compensation act, which provides for the payment of compensation to workmen for disability due to accidents or to dependents in the event of death; the industrial relations act, the state compensation insurance fund, and other laws having to do with the relationship between employers and employees in the state. The administrative code law, which went into effect July 1, 1933, brought under the commission's jurisdiction the wage claims, factory inspection and boiler inspection departments. On August 1, 1934, the commission assumed jurisdiction over Colorado State Employment service from the national re-employment service, a joint federal-state activity operating under the provisions of the Wagner-Peyser act. The division of unemployment compensation, a federal-state service for the establishment of an unemployment compensation system, became operative under the jurisdiction of the commission on December 1, 1936. Among several other divisions of its functions are included the minimum wage division and inspection service for private employment agencies.

The members of the industrial commission, three in number, are appointed by the governor for terms of six years, one appointment expiring every two years.

The department of employment security, under which come the unemployment compensation fund and the payment of unemployment benefits, is described in more detail in a separate chapter under the title "Public Welfare Programs." The Colorado state employment service, which now is a part of the department of employment security, is discussed in the same chapter. Vocational education is listed under that heading elsewhere in this volume.

The records of the commission show 520,065 industrial accidents in the state from the time it began to operate in 1915 to the end of 1940, and on account of these there were 115,472 claims for compensation filed with the commission. Of all claims filed, 110,971 were for accidents to males and only 4,501 for accidents to females. There were

3,873 claims for fatalities and the remainder were for non-fatal accidents. The coal industry accounted for 32 per cent of all accidents which resulted in death and 19.1 per cent of all non-fatal accidents. Employers of labor are required under the law to carry insurance for the protection of employees coming under the compensation act. The state has its own compensation insurance fund for the protection of its employees and those of counties and school districts. Other employers may come under this fund, provide their own insurance, or take out insurance with private agencies.

The compensation insurance fund, out of which all approved claims are paid, shows that in the period 1915-1940 net losses to the amount of \$24,988,123 were paid. Premiums paid for insurance during the same period amounted to \$46,316,260.

A table published herewith shows cash balances, receipts and disbursements of the insurance fund by calendar years 1937 to 1940, inclusive.

Another table gives a summary of accidents, fatal and non-fatal, number of claims filed, awards made, nature of injuries, average weekly wage and average weekly rate of compensation by calendar years.

A third table shows premiums received and losses paid by stock and mutual insurance companies and the state fund, by years.

A minimum wage and hour law for women and minors was enacted in 1917 and was amended and made more effective on July 1, 1937. A minimum wage division was set up within the commission and was followed by a state-wide survey of wages and hours of women and minor employees in a number of occupations, and another of the cost of living in the state as a basis of determining a minimum wage for these classes of employees.

The department of wage claims provides for the adjustment of disputes between employers and employees concerning wages. In the period December 1, 1938, to November 30, 1940, 2,684 claims filed with the division, of which 1,628 or 60.7 per cent were settled and wages collected to the amount of \$35,046 for the claimants.

**ACCIDENTS AND CLAIMS: WORKMEN'S COMPENSATION DEPARTMENT,  
INDUSTRIAL COMMISSION OF COLORADO, FISCAL YEARS ENDING  
NOVEMBER 30**

(Source: State Industrial Commission)

|                                  | 1940    | 1939    | 1938    | 1937    | 1936    | 1915-1940 |
|----------------------------------|---------|---------|---------|---------|---------|-----------|
| Number of accidents.....         | 31,013  | 30,592  | 29,472  | 34,699  | 29,647  | 520,065   |
| Number of claims:                |         |         |         |         |         |           |
| Male .....                       | 4,928   | 4,415   | 4,576   | 5,409   | 4,940   | 110,971   |
| Female .....                     | 390     | 258     | 230     | 243     | 234     | 4,501     |
| Total .....                      | 5,318   | 4,673   | 4,806   | 5,652   | 5,174   | 115,472   |
| <b>FATAL CLAIMS</b>              |         |         |         |         |         |           |
| <b>Coal Industries:</b>          |         |         |         |         |         |           |
| Number .....                     | 23      | 27      | 28      | 27      | 25      | 1,241     |
| Per cent.....                    | 21.10   | 23.28   | 25.45   | 19.01   | 16.45   | 32.04     |
| <b>Metal Industries:</b>         |         |         |         |         |         |           |
| Number .....                     | 29      | 20      | 27      | 41      | 48      | 754       |
| Per cent.....                    | 26.60   | 17.24   | 24.54   | 28.87   | 31.58   | 19.47     |
| <b>Miscellaneous Industries:</b> |         |         |         |         |         |           |
| Number .....                     | 57      | 69      | 55      | 74      | 79      | 1,878     |
| Per cent.....                    | 52.29   | 59.48   | 50.00   | 52.11   | 51.97   | 48.49     |
| Total fatal.....                 | 109     | 116     | 110     | 142     | 152     | 3,873     |
| <b>NON-FATAL CLAIMS</b>          |         |         |         |         |         |           |
| <b>Coal Industries:</b>          |         |         |         |         |         |           |
| Number .....                     | 588     | 559     | 672     | 782     | 752     | 21,517    |
| Per cent.....                    | 11.29   | 12.27   | 14.31   | 14.19   | 14.97   | 19.13     |
| <b>Metal Industries:</b>         |         |         |         |         |         |           |
| Number .....                     | 660     | 615     | 737     | 741     | 731     | 13,421    |
| Per cent.....                    | 12.67   | 13.50   | 15.69   | 13.45   | 14.56   | 11.93     |
| <b>Miscellaneous Industries:</b> |         |         |         |         |         |           |
| Number .....                     | 3,961   | 3,383   | 3,287   | 3,987   | 3,539   | 76,661    |
| Per cent .....                   | 76.04   | 74.23   | 70.00   | 72.36   | 70.47   | 68.14     |
| Total non-fatal.....             | 5,209   | 4,557   | 4,696   | 5,510   | 5,022   | 112,506   |
| Total all claims.....            | 5,318   | 4,673   | 4,806   | 5,652   | 5,174   | 115,472   |
| Awards by Commission...          | 1,098   | 1,081   | 1,113   | 1,074   | 1,002   | 17,194    |
| Awards by referee.....           | 2,146   | 1,904   | 1,950   | 2,187   | 1,741   | 38,445    |
| Compensation agreements          |         |         |         |         |         |           |
| approved .....                   | 4,748   | 3,944   | 4,020   | 4,775   | 4,371   | 95,262    |
| Amputations .....                | 174     | 183     | 160     | 231     | 193     | 4,199     |
| Loss of use.....                 | 341     | 354     | 258     | 341     | 235     | 3,319     |
| Permanent total.....             | 6       | 18      | 11      | 6       | 12      | 346       |
| Permanent partial.....           | 429     | 331     | 241     | 273     | 256     | 5,419     |
| Temporary total.....             | 4,333   | 4,294   | 4,532   | 5,107   | 4,791   | 105,573   |
| Temporary partial.....           | 72      | 74      | 74      | 37      | 33      | 950       |
| Facial disfigurement.....        | 60      | 61      | 55      | 50      | 38      | 863       |
| Blood poison.....                | 46      | 45      | 38      | 61      | 36      | 1,442     |
| Wholly dependent — fatal         |         |         |         |         |         |           |
| claims .....                     | 77      | 76      | 62      | 75      | 75      | 2,058     |
| Partially dependent — fatal      |         |         |         |         |         |           |
| claims.....                      | 22      | 16      | 7       | 14      | 6       | 415       |
| No dependent — fatal             |         |         |         |         |         |           |
| claims .....                     | 10      | 24      | 22      | 27      | 18      | 857       |
| Foreign dependent — fatal        |         |         |         |         |         |           |
| claims .....                     | ..      | ..      | 1       | 1       | 1       | 273       |
| Compensation Denied:             |         |         |         |         |         |           |
| Fatal (death).....               | 33      | 26      | 23      | 25      | 28      | 759       |
| Non-fatal .....                  | 193     | 177     | 158     | 174     | 170     | 6,204     |
| Total .....                      | 226     | 303     | 181     | 199     | 198     | 6,963     |
| Compensation reduced.....        | 4       | 6       | 17      | 11      | 10      | 255       |
| Average weekly wage....          | \$26.86 | \$27.35 | \$27.38 | \$25.90 | \$21.44 | \$23.80   |
| Average weekly rate of           |         |         |         |         |         |           |
| compensation .....               | \$11.70 | \$11.85 | \$11.95 | \$11.52 | \$ 9.50 | \$10.14   |

**WORKMEN'S COMPENSATION INSURANCE FUND: PREMIUMS RECEIVED  
AND LOSSES PAID BY CALENDAR YEARS**

(Source: State Industrial Commission)

| Year                       | Stock<br>Companies | Mutual<br>Companies | State<br>Fund   | Yearly<br>Totals |
|----------------------------|--------------------|---------------------|-----------------|------------------|
| <b>Net Premium Income:</b> |                    |                     |                 |                  |
| *1915.....                 | \$ 32,602.56       | \$ 163,526.58       | \$ 46,710.00    | \$ 242,839.14    |
| 1916.....                  | 475,402.36         | 254,351.63          | 134,371.41      | 864,125.40       |
| 1917.....                  | 664,049.89         | 303,466.36          | 192,328.45      | 1,159,844.70     |
| 1918.....                  | 854,239.28         | 382,528.75          | 370,593.75      | 1,607,361.78     |
| 1919.....                  | 818,782.86         | 313,432.55          | 267,612.12      | 1,399,827.53     |
| 1920.....                  | 906,639.75         | 502,262.10          | 460,116.11      | 1,869,017.96     |
| 1921.....                  | 931,622.93         | 416,087.25          | 364,009.52      | 1,711,719.70     |
| 1922.....                  | 590,611.51         | 330,407.73          | 339,537.41      | 1,260,556.65     |
| 1923.....                  | 665,509.93         | 402,663.69          | 404,562.16      | 1,472,735.78     |
| 1924.....                  | 806,751.61         | 398,077.73          | 412,733.56      | 1,617,562.90     |
| 1925.....                  | 1,033,794.56       | 351,428.79          | 554,868.86      | 1,940,092.21     |
| 1926.....                  | 1,031,537.78       | 348,613.55          | 605,630.54      | 1,985,781.87     |
| 1927.....                  | 1,001,375.17       | 357,852.64          | 880,400.39      | 2,239,628.20     |
| 1928.....                  | 965,159.08         | 420,823.09          | 676,327.54      | 2,062,309.71     |
| 1929.....                  | 1,092,230.06       | 434,515.26          | 720,568.78      | 2,247,314.10     |
| 1930.....                  | 1,050,513.00       | 373,002.00          | 747,652.00      | 2,171,167.00     |
| 1931.....                  | 877,422.00         | 302,816.00          | 697,955.00      | 1,878,193.00     |
| 1932.....                  | 583,191.00         | 234,998.00          | 614,933.00      | 1,433,122.00     |
| 1933.....                  | 518,321.00         | 197,971.00          | 635,432.00      | 1,351,724.00     |
| 1934.....                  | 698,422.00         | 222,349.00          | 1,071,251.00    | 1,992,022.00     |
| 1935.....                  | 688,411.00         | 293,835.00          | 1,474,421.00    | 2,456,667.00     |
| 1936.....                  | 847,836.00         | 353,160.00          | 1,492,097.00    | 2,693,093.00     |
| 1937.....                  | 879,099.00         | 460,158.00          | 1,747,866.00    | 3,087,123.00     |
| 1938.....                  | 794,695.00         | 378,779.00          | 1,489,338.00    | 2,662,812.00     |
| 1939.....                  | 781,866.00         | 377,597.00          | 1,750,157.00    | 2,909,620.00     |
| Totals.....                | \$19,590,085.33    | \$ 8,574,702.70     | \$18,151,472.60 | \$46,316,260.63  |
| <b>Net Losses Paid:</b>    |                    |                     |                 |                  |
| *1915.....                 | \$ 1,738.02        | \$ 2,637.46         | \$ 2,563.65     | \$ 6,939.13      |
| 1916.....                  | 128,719.80         | 23,188.98           | 28,535.76       | 180,444.54       |
| 1917.....                  | 191,556.57         | 58,546.16           | 42,497.24       | 292,599.97       |
| 1918.....                  | 243,915.88         | 74,008.02           | 51,391.68       | 369,315.58       |
| 1919.....                  | 294,156.65         | 98,135.51           | 86,546.79       | 478,838.95       |
| 1920.....                  | 356,059.22         | 111,893.71          | 128,333.71      | 596,286.64       |
| 1921.....                  | 389,800.87         | 130,440.08          | 168,340.20      | 688,581.15       |
| 1922.....                  | 385,124.75         | 141,611.72          | 178,710.00      | 705,446.47       |
| 1923.....                  | 499,806.15         | 134,095.21          | 201,169.98      | 835,071.34       |
| 1924.....                  | 528,407.02         | 134,713.11          | 246,969.03      | 910,089.16       |
| 1925.....                  | 567,364.78         | 139,083.34          | 279,972.80      | 986,420.92       |
| 1926.....                  | 596,449.24         | 139,019.76          | 310,296.34      | 1,045,765.34     |
| 1927.....                  | 596,618.80         | 149,883.31          | 372,349.08      | 1,118,851.19     |
| 1928.....                  | 610,412.52         | 156,431.50          | 413,826.79      | 1,180,670.81     |
| 1929.....                  | 618,767.28         | 180,333.88          | 484,386.67      | 1,283,487.83     |
| 1930.....                  | 646,477.00         | 183,490.00          | 510,018.00      | 1,339,985.00     |
| 1931.....                  | 620,509.00         | 187,744.00          | 549,219.00      | 1,357,472.00     |
| 1932.....                  | 486,772.00         | 165,921.00          | 540,915.00      | 1,193,608.00     |
| 1933.....                  | 437,012.00         | 151,213.00          | 542,274.00      | 1,130,499.00     |
| 1934.....                  | 426,975.00         | 145,498.00          | 599,829.00      | 1,172,302.00     |
| 1935.....                  | 389,273.00         | 160,772.00          | 716,591.00      | 1,266,636.00     |
| 1936.....                  | 395,839.00         | 183,529.00          | 878,480.00      | 1,457,848.00     |
| 1937.....                  | 442,311.00         | 236,985.00          | 1,149,583.00    | 1,828,879.00     |
| 1938.....                  | 370,473.00         | 241,599.00          | 1,229,301.00    | 1,841,373.00     |
| 1939.....                  | 351,710.00         | 179,631.00          | 1,189,371.00    | 1,720,712.00     |
| Totals.....                | \$10,576,248.55    | \$ 3,510,403.75     | \$10,901,470.72 | \$24,988,123.02  |

\*August 1, 1915, to December 31, 1915.

**INDUSTRIAL COMMISSION: RECEIPTS AND DISBURSEMENTS STATE COMPENSATION INSURANCE FUND, CALENDAR YEARS**

(Source: State Industrial Commission)

|   | 1940                  | 1939                  | 1938                  | 1937                  |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>Receipts:</b>                                |                       |                       |                       |                       |
| Cash on hand January 1st.....                   | \$ 208,606.33         | \$ 221,953.34         | \$ 181,932.56         | \$ 219,015.28         |
| Premiums written.....                           | 1,637,739.35          | 1,750,156.58          | 1,489,338.15          | 1,747,865.54          |
| Interest received.....                          | 166,685.92            | 154,140.21            | 142,417.16            | 152,795.58            |
| Sales and redemption of bonds and warrants..... | 220,381.89            | 366,440.22            | 266,875.85            | 71,965.50             |
| Miscellaneous .....                             | 20.27                 | 657.30                | 70.30                 | 4.96                  |
| Premiums due.....                               | 276,640.53            | 189,341.20            | 243,710.71            | 303,497.57            |
| <b>Total .....</b>                              | <b>\$2,510,074.29</b> | <b>\$2,682,688.85</b> | <b>\$2,324,344.73</b> | <b>\$2,495,144.43</b> |
| <b>Disbursements:</b>                           |                       |                       |                       |                       |
| Dividends paid.....                             | \$ 426,864.97         | \$ 420,163.15         | \$ 192,694.43         | \$ 557,876.16         |
| Compensation and benefits paid.                 | 1,170,470.42          | 1,189,370.79          | 1,229,301.46          | 1,154,039.80          |
| Operating expense.....                          | 149,826.69            | 148,168.00            | 125,888.17            | 130,935.97            |
| Bonds and warrants purchased.                   | 286,568.65            | 438,790.05            | 365,166.13            | 226,649.23            |
| Miscellaneous .....                             | 16,833.75             | 950.00                | .....                 | .....                 |
| Premiums due.....                               | 328,266.45            | 276,640.53            | 189,341.20            | 243,710.71            |
| Cash on hand.....                               | 131,243.36            | 208,606.33            | 221,953.34            | 181,932.56            |
| <b>Total .....</b>                              | <b>\$2,510,074.29</b> | <b>\$2,682,688.85</b> | <b>\$2,324,344.73</b> | <b>\$2,495,144.43</b> |

**STRIKES IN COLORADO**

The number of strikes in Colorado in 1941, as reported by the United States department of labor, was far below the number occurring during the years in which this country actively participated in the first world war. The total was ten, involving 5,727 workers and 57,555 man-days.

An accompanying table shows the number of strikes in Colorado, 1927 to 1941, inclusive, the number of workers involved and man-days idle, with percentages of the totals for the United States.

Colorado was comparatively free from important strikes and lockouts in the 15-year period from 1927 to 1941, inclusive. There were 108 strikes in the state in that period, an average of 7.2 strikes a year. The number of workers involved was 35,399, an average of 2,360 for each year, and the man-days in which the workers were idle was 688,097, an average of 25,393 a year.

The number of workers involved exceeded one per cent of those on strike in the United States in one year only, in 1927, when there were six strikes involving 4,856 workers or 1.5 per cent of the total for the country. In all other years of the period Colorado's proportion was less than one per cent.

The strikes in 1927 resulted in 233,293 man-days of idleness during the year, or 0.9 per cent of the total for the United States. The low record of Colorado in comparison to the country as a whole also prevailed in man-days of idleness of workers involved.

There were 401 strikes and lockouts reported for Colorado in the 25-year period, 1881-1905, in which 97,499 workers were involved. Seventeen states reported a larger number of strikes than Colorado in that period and one state had the same number. Fourteen states had a larger number of workers involved. No statistics were compiled for the period from 1905 to 1914, but in the last named year the bureau for the first time attempted the compiling of data on strikes throughout the country. The only data available from 1914 to 1926 related to the number of strikes by states. The number of strikes reported in Colorado for these years are as follows:

| Year      | Number | Year      | Number |
|-----------|--------|-----------|--------|
| 1914..... | 10     | 1921..... | 27     |
| 1915..... | 6      | 1922..... | 7      |
| 1916..... | 17     | 1923..... | 3      |
| 1917..... | 48     | 1924..... | 5      |
| 1918..... | 32     | 1925..... | 10     |
| 1919..... | 31     | 1926..... | 5      |
| 1920..... | 22     |           |        |

The gathering of more complete data, as shown in the accompanying table, began with 1927.

**STRIKES: NUMBER BEGINNING IN COLORADO IN SPECIFIED YEARS, 1927 TO 1941, INCLUSIVE, WORKERS INVOLVED, AND MAN-DAYS IDLE DURING THE YEAR**

(Source: United States Department of Labor)

Note—See text for number of strikes in Colorado prior to 1927.

| Year      | Number of Strikes Beginning in Year | Workers Involved |                                    |                    | Man-Days Idle During Year |                                    |
|-----------|-------------------------------------|------------------|------------------------------------|--------------------|---------------------------|------------------------------------|
|           |                                     | Number           | Percentage of Total for All States | Average Per Strike | Number                    | Percentage of Total for All States |
| 1927..... | 6                                   | 4,856            | 1.5                                | 809                | 233,293                   | 0.9                                |
| 1928..... | 5                                   | 480              | 0.2                                | 96                 | 168,421                   | 1.3                                |
| 1929..... | 1                                   | 45               | (1)                                | 45                 | 315                       | (1)                                |
| 1930..... | ..                                  | ....             | ..                                 | ....               | .....                     | ..                                 |
| 1931..... | 4                                   | 105              | (1)                                | 26                 | 224                       | (1)                                |
| 1932..... | 3                                   | 340              | 0.1                                | 113                | 3,810                     | (1)                                |
| 1933..... | 4                                   | 499              | (1)                                | 125                | 3,630                     | (1)                                |
| 1934..... | 12                                  | 1,914            | 0.1                                | 160                | 13,947                    | 0.1                                |
| 1935..... | 5                                   | 8,170            | 0.7                                | 1,634              | 56,764                    | 0.4                                |
| 1936..... | 8                                   | 1,707            | 0.2                                | 213                | 13,084                    | 0.1                                |
| 1937..... | 17                                  | 1,407            | 0.1                                | 83                 | 36,002                    | 0.1                                |
| 1938..... | 11                                  | 1,922            | 0.3                                | 175                | 15,070                    | 0.2                                |
| 1939..... | 17                                  | 8,018            | 0.7                                | 472                | 75,986                    | 0.4                                |
| 1940..... | 5                                   | 209              | (1)                                | 42                 | 2,794                     | (1)                                |
| 1941..... | 10                                  | 5,727            | 0.2                                | 573                | 57,555                    | 0.2                                |

(1) Less than a tenth of 1 per cent.

#### CHILD LABOR AMENDMENT

The 66th congress of the United States proposed an amendment to the constitution in a joint resolution adopted April 26, 1924, granting congress the power to limit, regulate and prohibit the labor of persons under 18

years of age. Colorado ratified the amendment in 1931, being the fourth state to take that action. Twenty-eight states had ratified the amendment up to June 30, 1941. Ratification by 36 states is necessary to make it effective.

## Colorado Vital Statistics

Number of Births and Deaths, Principal Causes of Deaths, Plural Births, Infant Mortality, Birth and Death Rates, Accidental Deaths, Deaths from Alcoholism, Homicides, Suicide, Motor Vehicle and Accidental Deaths, Other Transportation Accidents

COLORADO is in the registration area in which the division of vital statistics of the United States bureau of the census compiles birth and death statistics. The area includes all of the 48 states and the District of Columbia. States are admitted on the basis of the approximate complete and proper registration of deaths and births. Colorado was included in the registration area for mortality statistics for the first time in 1906 and for birth statistics in 1928. The state board of health works in co-operation with the national agency in compiling the data for Colorado.

There were 12,430 deaths in Colorado in 1940, the smallest number over a period of 19 years with the exception of 1926 and 1933, in which years they were 12,260 and 11,961 respectively. The maximum in deaths was in 1918, the year of an influenza epidemic, in which the total was 17,812. The death rate per 1,000 population has shown a downward tendency, dropping from 14.6 in 1920 to 11.1 in 1940. The rate in Colorado is slightly higher than for the registration area as a whole for reasons explained below.

Births in Colorado numbered 21,154 in 1940, the maximum over a period of

13 years since this state was admitted to the registration area. The number of births correspond in a marked degree to the curve of economical conditions. In the depression year of 1933 they were down to 17,180, and thereafter they increased gradually each year until the maximum was reached in 1940. Prior to 1935 the birth rate in Colorado was lower than in the registration area, but beginning with that year and continuing down to the present, it has exceeded the rate for the United States.

The normal increase in the population of the state through an excess of births over deaths is reflected in the increasing births and decreasing deaths. In 1940 the excess of births over deaths was 8,724, the maximum for any year since Colorado was admitted to the registration area. The increase in excess births has been continuous since 1936 when a minimum of 4,605 was established.

Race stock, occupations of the inhabitants, the sex and age distribution of the population and the relative number of deaths of non-residents are factors which must be considered before it can be determined whether one state is more healthful than another. Climate and altitude play their part, and the extent of local epidemics of contagious diseases also enters into the final analysis. Colorado, for example, is practically free from malaria, but its death rate from tuberculosis is high. Erroneous conclusions may result from reading the figures without a study of the underlying causes. The altitude and climate of Colorado are considered beneficial to persons suffering from tuberculosis, and as a result a large number of non-residents come to the state in the hope of being helped. The death rate for a number of diseases varies from year to year and is influenced by factors which do not appear on the surface.

The largest number of deaths annually in Colorado from any single cause is from diseases of the heart. The death rate of the state, however, is consistently below the rate for the registration area. The number of deaths from this cause and the rate per 100,000 estimated population for Colorado and the registration area, by years, are as follows:

| Year      | Colorado Number | Colorado Rate | Registration Area |
|-----------|-----------------|---------------|-------------------|
| 1920..... | 994             | 122.5         | 159.1             |
| 1921..... | .....           | 122.6         | 156.3             |
| 1922..... | 1,303           | 133.5         | 164.6             |
| 1923..... | 1,248           | 126.0         | 173.8             |
| 1924..... | 1,271           | 126.5         | 176.5             |
| 1925..... | 1,385           | .....         | 185.7             |

| Year      | Colorado Number | Colorado Rate | Registration Area |
|-----------|-----------------|---------------|-------------------|
| 1927..... | 1,612           | .....         | 196.0             |
| 1928..... | 1,861           | 182.6         | 208.2             |
| 1929..... | 1,775           | 172.5         | 210.8             |
| 1930..... | 1,877           | 180.8         | 205.5             |
| 1931..... | 1,950           | 186.4         | 201.9             |
| 1932..... | 2,107           | 200.6         | 209.1             |
| 1933..... | 2,134           | 202.9         | 227.7             |
| 1934..... | 2,237           | 212.5         | 239.9             |
| 1935..... | 2,550           | 241.7         | 244.9             |
| 1936..... | 2,665           | 249.7         | 265.8             |
| 1937..... | 2,797           | 258.1         | 268.1             |
| 1938..... | 2,758           | 251.4         | .....             |
| 1939..... | 2,833           | 259.1         | .....             |
| 1940..... | 2,914           | 259.4         | .....             |

Tuberculosis (all forms) ranked second among the principal causes of death in Colorado for many years, but in 1932 it dropped to third place. In 1933 it took fourth place and in 1934 it went to fifth place. In recent years it has ranked fourth. The death rate has shown a pronounced downward tendency in recent years, dropping from 226 per 100,000 population in 1920 to 53.4 in 1940, the last named being the lowest on record. The rate for Colorado is higher than in the registration area as a whole, due largely to the number of non-residents who come to the state to benefit their health and to the operation of hospitals and sanatoria for persons suffering from this disease. Refined figures which take into consideration the residence of those who die, indicate that the normal rate differs very little from the rate for the registration area.

Deaths from tuberculosis in all forms, with rate per 100,000 population for Colorado and the registration area, by years, are as follows:

| Year      | Colorado Number | Colorado Rate | Registration Area |
|-----------|-----------------|---------------|-------------------|
| 1920..... | 2,134           | 226.0         | 114.0             |
| 1921..... | .....           | 184.6         | 99.4              |
| 1922..... | 1,791           | 183.5         | 97.0              |
| 1923..... | 1,669           | 168.5         | 93.6              |
| 1924..... | 1,639           | 161.3         | 90.4              |
| 1925..... | 1,495           | 125.4         | .....             |
| 1926..... | .....           | 144.2         | 87.1              |
| 1927..... | 1,492           | 138.9         | 80.8              |
| 1928..... | 1,415           | 138.8         | 79.3              |
| 1929..... | 1,282           | 124.6         | 76.0              |
| 1930..... | 1,283           | 123.6         | 71.5              |
| 1931..... | 1,077           | 102.9         | .....             |
| 1932..... | 1,097           | 104.4         | 62.9              |
| 1933..... | 897             | 85.3          | 59.5              |
| 1934..... | 819             | 77.8          | 56.6              |
| 1935..... | 815             | 77.3          | 49.8              |
| 1936..... | 813             | 76.2          | 50.6              |
| 1937..... | 738             | 68.1          | 49.0              |
| 1938..... | 648             | 59.1          | .....             |
| 1939..... | 665             | 59.8          | .....             |
| 1940..... | 600             | 53.4          | .....             |

The death rate from pneumonia in all forms also is high in Colorado as compared to the country as a whole, the reason for this being considered similar to that which makes the rate in the state high for tuberculosis.

Cancer and other malignant tumors as causes of death have shown an

apparently steady increase in Colorado, the rate per 100,000 population going from 73.2 in 1920 to an all-time high of 118.0 in 1940. Beginning with 1934 and continuing down to 1940, the latest year for which figures are available, more deaths resulted from cancer than any other cause except diseases of the heart. The rate for the state runs slightly higher than for the registration as a whole.

Deaths in Colorado from cancer and other malignant tumors and the rate per 100,000 population for the state and the registration area, by years, are as follows:

| Year      | Colorado |       | Regis-<br>tration<br>Area |
|-----------|----------|-------|---------------------------|
|           | Number   | Rate  |                           |
| 1920..... | 691      | 73.2  | 83.2                      |
| 1921..... | ...      | 74.7  | 85.6                      |
| 1922..... | 720      | 73.8  | 86.2                      |
| 1923..... | 851      | 85.9  | 88.7                      |
| 1924..... | 837      | 83.3  | 91.1                      |
| 1925..... | 902      | 86.7  | 92.8                      |
| 1926..... | ...      | 82.1  | 95.1                      |
| 1927..... | 1,004    | 93.5  | 95.7                      |
| 1928..... | 1,017    | 99.8  | 96.1                      |
| 1929..... | 1,028    | 99.9  | 95.9                      |
| 1930..... | 1,035    | 99.7  | 97.2                      |
| 1931..... | 1,025    | 97.8  | 98.9                      |
| 1932..... | 1,104    | 105.1 | 102.2                     |
| 1933..... | 1,091    | 103.8 | 102.2                     |
| 1934..... | 1,165    | 110.7 | 106.2                     |
| 1935..... | 1,192    | 113.0 | 107.9                     |
| 1936..... | 1,244    | 116.6 | 111.0                     |
| 1937..... | 1,248    | 115.1 | 112.0                     |
| 1938..... | 1,271    | 115.9 | ...                       |
| 1939..... | 1,281    | 115.1 | ...                       |
| 1940..... | 1,326    | 118.0 | ...                       |

Deaths from cancer and other malignant tumors are more prevalent among females than males as shown by the following table for specified years:

| Year      | Male | Female |
|-----------|------|--------|
| 1920..... | 325  | 366    |
| 1925..... | 438  | 464    |
| 1930..... | 483  | 552    |
| 1935..... | 588  | 607    |
| 1936..... | 595  | 649    |
| 1937..... | 564  | 684    |
| 1938..... | 593  | 678    |
| 1939..... | 614  | 733    |
| 1940..... | 655  | 736    |

The largest number of deaths in Colorado according to age usually occurs to infants under one year of age. In 1936, however, this record was broken by the number of deaths of persons of ages 70 to 74 inclusive, and again in 1938 by those whose ages ranged from 65 to 69, 70 to 74 and 75 to 79. Another exception occurred in 1940, when the largest number of deaths were of persons 70 to 74 and 75 to 79 years of age.

The minimum number of deaths after one year usually occurs at ages between 10 and 14, after which it gradually increases up to 75 to 79 years, after which it declines rapidly. Six centenarians died in the state in 1940,

one in 1939, seven in 1938, three in 1937, four in 1936 and eight in 1935.

Deaths by age in 1937 to 1940, inclusive, are as follows:

| Age            | Number |       |       |       |
|----------------|--------|-------|-------|-------|
|                | 1940   | 1939  | 1938  | 1937  |
| Under 1 yr.... | 1,266  | 1,134 | 1,240 | 1,441 |
| 1 to 4.....    | 258    | 328   | 366   | 409   |
| 5 to 9.....    | 135    | 115   | 156   | 194   |
| 10 to 14....   | 134    | 146   | 131   | 180   |
| 15 to 19....   | 234    | 238   | 258   | 234   |
| 20 to 24....   | 260    | 280   | 278   | 368   |
| 25 to 29....   | 266    | 290   | 290   | 366   |
| 30 to 34....   | 291    | 332   | 332   | 404   |
| 35 to 39....   | 340    | 365   | 381   | 448   |
| 40 to 44....   | 436    | 429   | 474   | 577   |
| 45 to 49....   | 496    | 609   | 564   | 660   |
| 50 to 54....   | 641    | 693   | 708   | 812   |
| 55 to 59....   | 849    | 867   | 846   | 874   |
| 60 to 64....   | 1,048  | 1,015 | 1,026 | 1,072 |
| 65 to 69....   | 1,202  | 1,205 | 1,278 | 1,243 |
| 70 to 74....   | 1,378  | 1,377 | 1,279 | 1,420 |
| 75 to 79....   | 1,329  | 1,348 | 1,333 | 1,419 |
| 80 to 84....   | 1,048  | 1,007 | 979   | 933   |
| 85 to 89....   | 549    | 554   | 509   | 514   |
| 90 to 94....   | 190    | 183   | 140   | 165   |
| 95 to 99....   | 34     | 35    | 34    | 42    |
| 100 and over.  | 6      | 1     | 7     | 3     |
| Unknown....    | 40     | 7     | 6     | 5     |

Total .... 12,450 12,558 12,615 13,833

Deaths by sex in specified years are as follows:

| Year      | Male  | Female | Total  |
|-----------|-------|--------|--------|
| 1935..... | 7,935 | 5,739  | 13,674 |
| 1936..... | 7,839 | 5,295  | 13,134 |
| 1937..... | 7,990 | 5,843  | 13,833 |
| 1938..... | 7,332 | 5,283  | 12,615 |
| 1939..... | 7,295 | 5,263  | 12,558 |
| 1940..... | 7,249 | 5,181  | 12,430 |

Births by sex, exclusive of stillbirths, consistently show an excess of males over females. The following gives the births, by sex, by years, and excess of male over female births:

| Year      | Male   | Female | Excess |
|-----------|--------|--------|--------|
| 1935..... | 9,651  | 9,186  | 465    |
| 1936..... | 9,431  | 8,848  | 583    |
| 1937..... | 10,187 | 9,423  | 764    |
| 1938..... | 10,604 | 9,995  | 609    |
| 1939..... | 10,678 | 10,014 | 664    |
| 1940..... | 10,839 | 10,315 | 524    |

The predominance of male over female births is not confined to any one classification or area, but applies rather uniformly to urban and rural communities and to white and colored alike, both in Colorado and the nation.

Additional information on vital statistics is contained in accompanying tables as follows:

Summary of births and deaths, rate per 1,000 population, excess of births over deaths, etc., for the state, by years.

Number of deaths by age and by years.

Stillbirths, maternal deaths and death of infants under 1 year old, and rate per thousand births, by years.

Number of deaths and rate per 100,000 population by causes and years.

Number and causes of death of infants under one year of age, by years.

Number of births and deaths, excess of births over deaths and infant mortality figures in 1940, by counties and principal cities and towns.

Deaths by homicide, suicide, alcoholism, automobile accidents and other specific causes are discussed under separate headings in this chapter.

**PLURAL BIRTHS**

Twin births in Colorado, in which at least one is a live birth, average around 200 a year. Triplets are less numerous and run from 1 to 4 a year, while no quadruplets have been reported in recent years.

Twin births, by years, are as follows:

| Year      | One Living | Both Living | Total |
|-----------|------------|-------------|-------|
| 1935..... | 9          | 180         | 189   |
| 1936..... | 6          | 189         | 195   |
| 1937..... | 11         | 166         | 177   |
| 1938..... | 11         | 212         | 223   |
| 1939..... | 15         | 197         | 212   |
| 1940..... | (1)        | (1)         | 165   |

(1) Not segregated.

One case of triplets, all living, was reported in 1935; three, all living, in 1936; two, two living, in 1938; four, all living, in 1939; and one in 1940.

**ACCIDENTAL DEATHS**

The number of deaths annually in Colorado from accidental causes, including automobile, railroad and street car accidents, drownings, traumatism (deaths from wounds or injuries), legal executions and other external violence, as cleared through the bureau of vital statistics, ranges from 941 to 1,288. The number from these causes, by sex and years is as follows:

| Year      | Rate |        |       |
|-----------|------|--------|-------|
|           | Male | Female | Total |
| 1929..... | ..   | ..     | 980   |
| 1930..... | ..   | ..     | 973   |
| 1931..... | 668  | 275    | 943   |
| 1932..... | 668  | 283    | 951   |
| 1933..... | 650  | 278    | 928   |
| 1934..... | 691  | 250    | 941   |
| 1935..... | 718  | 280    | 998   |
| 1936..... | 764  | 333    | 1,097 |
| 1937..... | 780  | 334    | 1,114 |
| 1938..... | 720  | 305    | 1,025 |
| 1939..... | (1)  | (1)    | 1,232 |
| 1940..... | (1)  | (1)    | 1,288 |

(1) Not segregated.

Additional information on accidents in Colorado will be found elsewhere in this volume under "Grade-Crossing Accidents," "Transportation Accidents," "Industrial Commission," "Railroad Accidents," "Motor Vehicle Accidents" and in the various industries under their respective headings.

**DEATHS FROM ALCOHOLISM**

Colorado became a prohibition state on January 1, 1916, when laws prohibiting the manufacture, sale and possession of intoxicating liquors became effective. The federal constitutional amendment prohibiting the sale of liquors became effective on January 16, 1920. Colorado was, therefore, a "dry" state four years before prohibition became a national law.

Data from the census bureau show that in the year Colorado prohibited the sale of liquors deaths from alcoholism decreased 58 per cent under the preceding year and continued to decrease until 1920, when the total decrease amounted to 90 per cent. The next two years showed substantial increases. Decreases followed in subsequent years until 1927, when increases again became apparent, but not reaching the rate of pre-prohibition days. The sale of intoxicating liquors in the state again was legalized by an act of the general assembly approved April 12, 1935, following the repeal of the 18th amendment to the federal constitution.

The following table shows the number of deaths, where the information is available, and the rate per 100,000 population in Colorado from alcoholism by years, with comparative rate for the registration area of the United States.

| Year      | No. | Rate  |      |
|-----------|-----|-------|------|
|           |     | Colo. | Area |
| 1914..... | ..  | 8.3   | 4.9  |
| 1915..... | 63  | 7.2   | 4.4  |
| 1916..... | ..  | 3.0   | 5.8  |
| 1917..... | 21  | 2.3   | 5.2  |
| 1918..... | ..  | 1.4   | 2.7  |
| 1919..... | 7   | 0.8   | 1.6  |
| 1920..... | 7   | 0.7   | 1.0  |
| 1921..... | ..  | 3.3   | 1.8  |
| 1922..... | ..  | 4.3   | 2.6  |
| 1923..... | 37  | 3.8   | 3.2  |
| 1924..... | 29  | 3.0   | 3.2  |
| 1925..... | ..  | 1.8   | 3.6  |
| 1926..... | ..  | 2.4   | 3.9  |
| 1927..... | ..  | 2.6   | 4.0  |
| 1929..... | 29  | 2.8   | 3.7  |
| 1930..... | 37  | 3.6   | 3.5  |
| 1931..... | 43  | 4.1   | 3.3  |
| 1932..... | 28  | 2.7   | 2.5  |
| 1933..... | 30  | 2.9   | 2.6  |
| 1934..... | 36  | 3.4   | 2.9  |
| 1935..... | 22  | 2.1   | 2.6  |
| 1936..... | 44  | 4.1   | 2.9  |
| 1937..... | 40  | 3.7   | 2.6  |
| 1938..... | 35  | 3.2   | ..   |
| 1939..... | 27  | 2.4   | ..   |
| 1940..... | 30  | 2.7   | ..   |

**HOMICIDE DEATHS**

Deaths by homicide in Colorado vary extensively in number and rate from year to year and the annual figures do not show any apparent trends. The maximum number of deaths by this cause in a period of 26 years was 115 in 1921 and the minimum for the same

period was 46 in 1939. The rate per 100,000 population varied from 11.8 in 1921 to 4.1 in 1939.

The term "homicide" as here used includes murder, manslaughter, justifiable homicide and incendiarism, but not legal executions.

The number of deaths, as far as records are available, and the rate per 100,000 population for Colorado and for the registration area of the United States, by years, are as follows:

| Year      | No. | Rate  |      |
|-----------|-----|-------|------|
|           |     | Colo. | Area |
| 1915..... | ... | 10.6  | 7.0  |
| 1916..... | ... | 8.2   | 7.1  |
| 1917..... | ... | 8.9   | 7.7  |
| 1919..... | ... | 10.6  | 7.5  |
| 1920..... | 87  | 9.2   | 7.1  |
| 1921..... | 115 | 11.8  | 8.5  |
| 1922..... | 114 | 11.7  | 8.4  |
| 1923..... | 90  | 9.2   | 8.1  |
| 1924..... | 100 | 10.0  | 8.5  |
| 1925..... | 84  | 8.1   | 8.6  |
| 1926..... | 69  | 6.6   | 8.8  |
| 1927..... | 59  | 5.5   | 8.7  |
| 1928..... | 59  | 6.0   | 8.8  |
| 1929..... | 90  | 8.7   | 8.5  |
| 1930..... | 88  | 8.5   | 9.0  |
| 1931..... | 87  | 8.3   | ..   |
| 1932..... | 85  | 8.1   | 9.2  |
| 1933..... | 81  | 7.7   | 9.6  |
| 1934..... | 77  | 7.3   | 9.5  |
| 1935..... | 64  | 6.1   | 8.3  |
| 1936..... | 82  | 7.7   | 8.0  |
| 1937..... | 64  | 5.9   | 7.6  |
| 1938..... | 57  | 5.2   | ..   |
| 1939..... | 46  | 4.1   | ..   |
| 1940..... | 52  | 4.6   | ..   |

The figures regarding death by homicide have an indirect bearing only in the relation of murder to social conditions. Additional information on that subject is found in another chapter in this volume under "Courts, Prisoners and Crime" and the chapter on the state penitentiary.

**DEATHS BY SUICIDE**

There is a wide variation in the number of deaths by suicide in Colorado, ranging over a period of 28 years from a minimum of 113 in 1917 to a maximum of 261 in 1933. It is particularly noticeable that the number of deaths from this cause increases or decreases in marked regularity with changes in economic conditions. In 1913, the year before the World war, when the country was in the midst of a depression, the death rate by suicide in the state was 21.2 per 100,000 population. There was a decrease in succeeding years until 1916, when the country began to feel the effects of war inflation. In that year the rate was 13.3, the lowest over a period of 28 years. There was comparatively little change until 1922, the year of post-war deflation, when the

rate went to 18.0 per 100,000 population. It dropped to 16.3 in 1929, when the country was at the height of its prosperity until October. From 1930 to 1933, inclusive, the rate increased, the maximum of 24.8 over the long period being reached in 1933. From 1933 to the end of 1940 there was a steady decline to a rate of 19.1 in the last named year.

The rate for death by suicide in Colorado has been rather uniformly higher than that for the registration area over a period of 22 years, except that in 1916 the rate for the area exceeded that of Colorado, the comparative figures being 14.2 to 13.3. The period of the participation of the United States in the World war reflected a decrease in suicides in the country as a whole as well as in Colorado, and the trend corresponding to that in Colorado occurred in the several years following 1929.

The following table gives the number of suicides and the rate per 100,000 population for Colorado and the registration area by years as reported by the census:

| Year      | No. | Rate  |      |
|-----------|-----|-------|------|
|           |     | Colo. | Area |
| 1913..... | 187 | 21.2  | 15.8 |
| 1914..... | ..  | 19.2  | 16.6 |
| 1915..... | ..  | 18.8  | 16.7 |
| 1916..... | ..  | 13.3  | 14.2 |
| 1917..... | 113 | 13.7  | 13.4 |
| 1918..... | ..  | 14.6  | 12.2 |
| 1919..... | 132 | 14.2  | 11.4 |
| 1920..... | 149 | 15.7  | 10.2 |
| 1921..... | ..  | 14.8  | 12.6 |
| 1922..... | 176 | 18.0  | 11.9 |
| 1923..... | 137 | 14.2  | 11.6 |
| 1924..... | 164 | 16.3  | 12.2 |
| 1925..... | 181 | 17.4  | 12.1 |
| 1926..... | 148 | 14.7  | 12.8 |
| 1927..... | 166 | 15.5  | 13.2 |
| 1928..... | 184 | 18.1  | 13.6 |
| 1929..... | 168 | 16.3  | 14.0 |
| 1930..... | 203 | 19.6  | 15.6 |
| 1931..... | 201 | 19.2  | 16.8 |
| 1932..... | 257 | 24.5  | 17.4 |
| 1933..... | 261 | 24.8  | 15.9 |
| 1934..... | 242 | 28.0  | 14.9 |
| 1935..... | 235 | 22.3  | 14.3 |
| 1936..... | 217 | 20.3  | 14.2 |
| 1937..... | 215 | 19.8  | 14.9 |
| 1938..... | 206 | 18.8  | ..   |
| 1939..... | 211 | 19.0  | ..   |
| 1940..... | 215 | 19.1  | ..   |

Death by suicide occurs more frequently in the cities and towns than in the rural districts. The numbers, by years, under this classification are as follows:

|             | 1938 | 1937 | 1936 | 1935 |
|-------------|------|------|------|------|
| Rural ..... | 98   | 99   | 78   | 83   |
| Urban ..... | 108  | 116  | 139  | 152  |
| Total ..... | 206  | 215  | 217  | 235  |

Death by suicide is predominantly more common among the males than

the females. The numbers, by sex, for specified years are as follows:

|              | 1938 | 1937 | 1936 | 1935 |
|--------------|------|------|------|------|
| Male .....   | 162  | 169  | 175  | 177  |
| Female ..... | 44   | 46   | 42   | 58   |
| Total .....  | 206  | 215  | 217  | 235  |

**DEATHS FROM MOTOR VEHICLE ACCIDENTS**

Statistics on motor vehicle accidents are compiled by a number of agencies and they agree in the main on the number of deaths, but frequently these are listed under different classifications. The figures used in this chapter are those of the state bureau of health, prepared in co-operation with the bureau of the census, and are based on death certificates giving the causes of death. A more comprehensive analysis on this subject appears elsewhere in this volume under "Motor Vehicle Accidents" and in an accompanying table on transportation accidents.

The number of deaths from motor-vehicle accidents, including collisions of automobiles with railroad trains and street cars and motorcycles, and the rate per 100,000 population for Colorado and the registration area, by years, is as follows:

| Year       | No. | Rate  |      |
|------------|-----|-------|------|
|            |     | Colo. | Area |
| 1924 ..... | 176 | ..    | ..   |
| 1925 ..... | 156 | 15.7  | 19.0 |
| 1926 ..... | 194 | 19.4  | 20.1 |
| 1927 ..... | 256 | 25.3  | 21.8 |
| 1928 ..... | 239 | 23.4  | 23.4 |
| 1929 ..... | 289 | 28.1  | 25.7 |
| 1930 ..... | 286 | 27.6  | 26.7 |

| Year       | No. | Rate  |      |
|------------|-----|-------|------|
|            |     | Colo. | Area |
| 1931 ..... | 340 | 32.5  | 28.5 |
| 1932 ..... | 302 | 28.7  | 25.1 |
| 1933 ..... | 321 | 30.5  | ..   |
| 1934 ..... | 343 | 32.6  | ..   |
| 1935 ..... | 334 | 31.7  | 28.5 |
| 1936 ..... | 388 | 36.4  | 29.6 |
| 1937 ..... | 411 | 37.9  | 30.6 |
| 1938 ..... | 353 | 32.2  | ..   |
| 1939 ..... | 335 | 30.1  | ..   |
| 1940 ..... | 372 | 33.1  | ..   |

In 1900, the mortality rate from "accidents and injuries by vehicles and horses" per 100,000 population in the registration area was 1.3 (including automobile accidents) — a rate which stands in striking contrast with the rate of 37.9 from motor vehicle accidents in Colorado alone in 1937.

Deaths from motor vehicle accidents have been more numerous each year in Colorado beginning with 1929 than the number of Colorado troops killed in action during the world war and beginning with 1934 more than the number killed in action and died of wounds. There were 242 officers and enlisted men from Colorado killed in action during the war and 84 died of wounds, or a total of 326.

Additional information on deaths from motor vehicle accidents is presented on page 373, in which there is given a break-down of all fatalities by types and by years. The figures include not only those coming within the classifications used by the bureau of the census, but deaths resulting from pedestrians coming into contact with horse-drawn vehicles, bicycles, coaster wagons, and miscellaneous.

**VITAL STATISTICS: NUMBER OF DEATHS IN COLORADO BY AGE, 1910 TO 1940**

(Source: Bureau of the Census)

| AGE                    | 1940   | 1935   | 1930   | 1925   | 1920   | 1910   |
|------------------------|--------|--------|--------|--------|--------|--------|
| Under 1 year.....      | 1,266  | 1,370  | 1,775  | 1,739  | 1,972  | 1,789  |
| 1 to 4 years.....      | 258    | 437    | 583    | 614    | 791    | 678    |
| 5 to 14 years.....     | 269    | 468    | 452    | 481    | 528    | 437    |
| 15 to 24 years.....    | 494    | 588    | 705    | 843    | 1,118  | 1,054  |
| 25 to 44 years.....    | 1,333  | 1,880  | 2,155  | 2,386  | 3,314  | 2,907  |
| 45 to 64 years.....    | 3,034  | 3,283  | 3,096  | 2,771  | 2,895  | 2,263  |
| 65 years and over..... | 5,736  | 5,093  | 4,418  | 3,695  | 3,095  | 1,934  |
| Age not reported.....  | 40     | 15     | 23     | 20     | 4      | 7      |
| Total Deaths.....      | 12,430 | 13,134 | 13,207 | 12,549 | 13,717 | 11,069 |

**VITAL STATISTICS: BIRTHS AND DEATHS IN COLORADO AND RATE PER 1,000 POPULATION FOR COLORADO AND REGISTRATION STATES, BY YEARS**

(Source: Bureau of the Census)

Note—Rates are based on estimated population as of July 1, of years named except for 1940, 1930 and 1920, in which the population was enumerated.

| YEAR      | Number |        |                           | Rate Per 1,000 Population |        |        |        |
|-----------|--------|--------|---------------------------|---------------------------|--------|--------|--------|
|           | Births | Deaths | Excess Births Over Deaths | Births                    |        | Deaths |        |
|           |        |        |                           | Colo.                     | *U. S. | Colo.  | *U. S. |
| 1910..... |        | 11,069 | ....                      | ...                       | ...    | 13.9   | 14.7   |
| 1915..... |        | 10,602 | ....                      | ...                       | 25.0   | 12.2   | 13.2   |
| 1920..... |        | 13,717 | ....                      | ...                       | 23.7   | 14.6   | 13.0   |
| 1925..... |        | 12,549 | ....                      | ...                       | 21.3   | 12.3   | 11.7   |
| 1928..... | 19,155 | 14,077 | 5,078                     | 18.8                      | (2)    | 13.8   | (2)    |
| 1929..... | 17,939 | 12,874 | 5,065                     | 17.4                      | (2)    | 12.5   | (2)    |
| 1930..... | 18,814 | 13,207 | 5,607                     | 18.2                      | 18.9   | 12.8   | 11.3   |
| 1931..... | 18,315 | 12,470 | 6,043                     | 17.7                      | 18.0   | 11.9   | 11.1   |
| 1932..... | 17,613 | 12,599 | 5,014                     | 16.8                      | 17.4   | 12.0   | 10.9   |
| 1933..... | 17,180 | 11,961 | 5,219                     | 16.3                      | 16.6   | 11.4   | 10.7   |
| 1934..... | 17,849 | 12,497 | 5,352                     | 17.0                      | 17.2   | 11.9   | 11.1   |
| 1935..... | 18,837 | 13,134 | 5,703                     | 17.9                      | 16.9   | 11.6   | 10.9   |
| 1936..... | 18,279 | 13,674 | 4,605                     | 17.1                      | 16.7   | 12.8   | 11.6   |
| 1937..... | 19,610 | 13,833 | 5,777                     | 18.1                      | 17.1   | 12.8   | 11.3   |
| 1938..... | 20,599 | 12,615 | 7,984                     | 18.8                      | 17.6   | 11.5   | 10.6   |
| 1939..... | 20,692 | 12,558 | 8,134                     | 18.6                      | 17.3   | 11.3   | 10.6   |
| 1940..... | 21,154 | 12,430 | 8,724                     | 18.8                      | 17.9   | 11.1   | 10.8   |

\*Includes states in registration areas. Beginning with 1933 the area includes all the population in continental United States.

(2) Not available.

**VITAL STATISTICS: STILLBIRTHS, MATERNAL DEATHS AND DEATHS OF INFANTS UNDER 1 YEAR OLD IN COLORADO, AND RATE DEATHS PER 1,000 LIVE BIRTHS FOR COLORADO AND REGISTRATION STATES, BY YEARS**

(Source: Bureau of the Census)

| YEAR      | Number      |                 |               | Rate (Deaths Per 1,000 Live Births) |       |                 |       |               |       |
|-----------|-------------|-----------------|---------------|-------------------------------------|-------|-----------------|-------|---------------|-------|
|           | Stillbirths | Maternal Deaths | Infant Deaths | Stillbirths                         |       | Maternal Deaths |       | Infant Deaths |       |
|           |             |                 |               | Colo.                               | U. S. | Colo.           | U. S. | Colo.         | U. S. |
| 1930..... | 597         | 140             | 1,775         | 31.7                                | 39.2  | 7.4             | 6.7   | 94.3          | 64.6  |
| 1931..... | 571         | 130             | 1,500         | 30.8                                | 38.2  | 7.0             | 6.6   | 81.0          | 61.6  |
| 1932..... | 559         | 131             | 1,259         | 31.7                                | 37.8  | 7.4             | 6.3   | 71.5          | 57.6  |
| 1933..... | 547         | 107             | 1,183         | 31.8                                | 37.0  | 6.2             | 6.2   | 68.9          | 58.1  |
| 1934..... | 572         | 134             | 1,298         | 32.0                                | 36.2  | 7.5             | 5.9   | 72.7          | 60.1  |
| 1935..... | 539         | 138             | 1,370         | 28.6                                | 35.8  | 7.3             | 5.8   | 72.7          | 55.7  |
| 1936..... | 553         | 129             | 1,354         | 30.3                                | 34.4  | 7.1             | 5.7   | 74.1          | 57.1  |
| 1937..... | 523         | 105             | 1,441         | 26.7                                | 33.4  | 5.4             | 4.9   | 73.5          | 54.4  |
| 1938..... | 514         | 92              | 1,240         | 25.0                                | 32.1  | 4.5             | 4.4   | 60.2          | 51.0  |
| 1939..... | 546         | 111             | 1,134         | 26.4                                | 32.0  | 5.4             | 4.0   | 54.8          | 48.0  |
| 1940..... | 507         | 86              | 1,266         | 24.0                                | 31.3  | 4.1             | 3.8   | 59.8          | 47.0  |

VITAL STATISTICS: NUMBER OF DEATHS IN COLORADO, BY CAUSE, AND RATE PER 100,000 POPULATION, 1940, 1939, 1938 AND 1937

(Source: Bureau of the Census)

| CAUSE OF DEATH                                      | Number of Deaths |         |         |         | Rate Per 100,000 Estimated Population |          |         |         |
|---|------------------|---------|---------|---------|---------------------------------------|----------|---------|---------|
|   | 1940             | 1939    | 1938    | 1937    | 1940                                  | 1939     | 1938    | 1937    |
| Typhoid and paratyphoid fever.....                  | 9                | 19      | 28      | 30      | 0.8                                   | 1.7      | 2.6     | 2.8     |
| Cerebrospinal (meningococcus) meningitis.....       | 4                | 9       | 9       | 22      | 0.4                                   | 0.8      | 0.8     | 2.0     |
| Scarlet fever.....                                  | 6                | 9       | 12      | 20      | 0.5                                   | 0.8      | 1.1     | 1.8     |
| Whooping cough.....                                 | 31               | 52      | 44      | 72      | 2.8                                   | 4.7      | 4.0     | 6.6     |
| Diphtheria.....                                     | 12               | 27      | 38      | 37      | 1.1                                   | 2.4      | 3.5     | 3.4     |
| Tuberculosis (all forms).....                       | (600)            | (665)   | (648)   | (738)   | (53.4)                                | (59.8)   | (59.1)  | (68.1)  |
| Tuberculosis of respiratory system.....             | 558              | 606     | 598     | 683     | 49.7                                  | 54.5     | 54.5    | 63.0    |
| Tuberculosis (other forms).....                     | 42               | 59      | 50      | 55      | 3.7                                   | 5.3      | 4.6     | 5.1     |
| Dysentery.....                                      | 14               | 20      | 14      | 37      | 1.2                                   | 1.8      | 1.3     | 3.4     |
| Malaria.....  | --               | --      | 1       | 4       | --                                    | --       | 0.1     | 0.4     |
| Syphilis (all forms)†.....                          | 135              | 162     | 102     | 112     | 12.0                                  | 14.6     | 15.6    | 19.5    |
| Measles.....  | 14               | 16      | 35      | 8       | 1.2                                   | 1.4      | 3.2     | 0.7     |
| Poliomyelitis, Polioencephalitis (acute).....       | 12               | 9       | 7       | 40      | 1.1                                   | 0.8      | 0.6     | 3.7     |
| Cancer (all forms).....                             | (1,326)          | (1,281) | (1,271) | (1,248) | (118.1)                               | (115.2)  | (115.8) | (115.1) |
| Cancer of digestive organs, peritoneum.....         | 636              | 547     | 595     | 586     | 56.6                                  | 49.2     | 54.2    | 54.1    |
| Cancer of female genital organs.....                | 167              | 180     | 171     | 180     | 14.9                                  | 16.2     | 15.6    | 16.6    |
| Cancer of the breast.....                           | 121              | 132     | 146     | 125     | 10.8                                  | 11.9     | 13.3    | 11.5    |
| Cancer (other forms).....                           | 402              | 422     | 359     | 357     | 35.8                                  | 37.9     | 32.7    | 32.9    |
| Acute rheumatic fever.....                          | 11               | 21      | 17      | 23      | 1.0                                   | 1.9      | 1.5     | 2.1     |
| Diabetes mellitus.....                              | 200              | 204     | 191     | 192     | 17.8                                  | 18.3     | 17.4    | 17.7    |
| Exophthalmic goiter.....                            | 42               | 34      | --      | --      | 3.7                                   | 3.1      | 4.2     | 3.0     |
| Pellagra (except alcoholic).....                    | 1                | 2       | 1       | 3       | 0.1                                   | 0.2      | 0.1     | 0.3     |
| Alcoholism (ethylism).....                          | 30               | 27      | 35      | 40      | 2.7                                   | 2.4      | 3.2     | 3.7     |
| Intracranial lesions of vascular origin.....        | 946              | 956     | 940     | 921     | 84.2                                  | 85.9     | 85.7    | 85.0    |
| Other dis. of nervous system, etc.....              | 136              | 125     | (1)     | (1)     | 12.1                                  | 11.2     | 15.1    | 14.7    |
| Diseases of ear, nose, throat.....                  | 80               | 95      | (1)     | (1)     | 7.1                                   | 8.5      | 8.4     | 10.5    |
| Diseases of heart (all forms).....                  | (2,914)          | (2,883) | (2,758) | (2,797) | (‡259.4)                              | (‡259.2) | (251.4) | (258.1) |
| Chron. rheu. dis. of heart.....                     | 257              | 271     | 74      | 51      | 22.9                                  | 24.4     | --      | --      |
| Dis. of coronary arteries angina pectoris.....      | 752              | 724     | 640     | 544     | 66.9                                  | 65.1     | --      | --      |
| Dis. of heart (other forms).....                    | 1,905            | 1,888   | 2,044   | 2,202   | ‡169.6                                | ‡169.7   | --      | --      |
| Pneumonia (all forms) and influenza.....            | (988)            | (1,158) | (1,234) | (1,237) | (87.9)                                | (104.1)  | (112.4) | (169.2) |
| Bronchopneumonia.....                               | 456              | (1)     | (1)     | (1)     | 40.6                                  | 43.5     | 45.8    | 52.1    |
| Lobar pneumonia.....                                | 370              | (1)     | (1)     | (1)     | 32.9                                  | 37.5     | 51.0    | 59.0    |
| Pneumonia (unspecified).....                        | 11               | (1)     | (1)     | (1)     | 1.0                                   | 1.0      | 1.3     | 3.0     |
| Influenza.....                                      | 151              | 246     | 157     | (1)     | 13.4                                  | 22.1     | 14.3    | 55.1    |
| Ulcer of stomach or duodenum.....                   | 119              | 101     | 83      | 122     | 10.6                                  | 9.6      | 7.6     | 11.3    |
| Diarrhea, enteritis, etc.....                       | 201              | 170     | 200     | 339     | 17.9                                  | 15.3     | 18.2    | 31.3    |
| Appendicitis.....                                   | 165              | 170     | 201     | 196     | 14.7                                  | 15.3     | 18.3    | 18.1    |
| Hernia, intestinal obstruction.....                 | 99               | 141     | 156     | 173     | 8.8                                   | 12.7     | 14.2    | 16.0    |
| Cirrhosis of the liver.....                         | 74               | 81      | 57      | 88      | 6.6                                   | 7.3      | 5.2     | 8.1     |
| Biliary calculi, etc.....                           | 91               | 96      | 92      | 98      | 8.1                                   | 8.6      | 8.4     | 9.0     |
| Nephritis.....                                      | 902              | 920     | 937     | 855     | ‡80.3                                 | ‡82.7    | 85.4    | 78.9    |
| Disease of the prostate.....                        | 92               | 103     | (1)     | (1)     | 8.2                                   | 9.3      | 7.8     | 8.8     |
| Diseases of pregnancy, child-birth, puerperium..... | (86)             | (111)   | (92)    | (105)   | (§7.6)                                | (§10.0)  | (8.4)   | (9.7)   |
| Puerperal septicemia.....                           | 46               | 48      | 32      | 42      | ‡4.1                                  | ‡4.3     | 2.9     | 3.9     |
| Puerperal toxemias.....                             | 17               | 20      | 11      | 22      | 1.5                                   | 1.8      | 1.0     | 2.0     |
| Other puerperal causes.....                         | 23               | 43      | 49      | 41      | 2.0                                   | 3.9      | 4.5     | 3.8     |
| Congenital malformations.....                       | 124              | 132     | 120     | 115     | 11.0                                  | 11.9     | 10.9    | 10.6    |
| Premature birth.....                                | 387              | 316     | (1)     | (1)     | 34.5                                  | 28.4     | 31.1    | 34.4    |
| Suicide.....  | 215              | 211     | 206     | 215     | 19.1                                  | 19.0     | 18.8    | 19.8    |
| Homicide.....                                       | 52               | 46      | 57      | 64      | 4.6                                   | 4.1      | 5.2     | 5.9     |
| Motor-vehicle accidents.....                        | 372              | 335     | 353     | 386     | 33.1                                  | 30.1     | 32.2    | 37.9    |
| Other accidents.....                                | 649              | 636     | 672     | 728     | 57.8                                  | 57.2     | 61.3    | 64.9    |
| All other causes.....                               | 1,291            | 1,215   | 2,004   | 2,768   | 114.9                                 | 109.2    | 109.7   | 119.8   |
| Total deaths, all causes.....                       | 12,430           | 12,558  | 12,615  | 13,833  | 1,106.4                               | 1,129.0  | 1,149.8 | 1,276.3 |

(1) Not segregated.

(2) Rates for 1940 based on enumerated population.

†Includes aneurysm of the aorta, locomotor ataxia, and general paralysis of the insane.

‡Not strictly comparable with prior years because of shift to nephritis of certain inclusions under diseases of the heart.

§Includes phlegmasia alba dolens, etc., and criminal abortion.

**INFANT MORTALITY: NUMBER OF DEATHS UNDER 1 YEAR OF AGE IN  
COLORADO FROM SELECTED CAUSES, BY YEARS**

(Source: Bureau of the Census)

| CAUSE  | 1940         | 1939         | 1938         | 1937         | 1936         | 1935         | 1934         |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Measles .....                                    | 4            | 5            | 8            | 1            | 1            | 25           | 27           |
| Scarlet fever.....                               | 1            | ..           | 2            | 1            | 2            | 3            | ..           |
| Whooping cough.....                              | 27           | 27           | 27           | 51           | 31           | 33           | 70           |
| Diphtheria .....                                 | 1            | 1            | 4            | ..           | 3            | 3            | 4            |
| Influenza .....                                  | 35           | 32           | 21           | 60           | 39           | 48           | 41           |
| Dysentery .....                                  | 5            | 8            | 11           | 18           | 10           | 7            | 11           |
| Erysipelas .....                                 | 1            | 1            | 1            | 5            | 7            | 18           | 4            |
| Meningitis (cerebrospinal)                       | 1            | ..           | 2            | 2            | 2            | 2            | 3            |
| Meningitis (other forms)..                       | 5            | 7            | 10           | 7            | ..           | ..           | ..           |
| Tuberculosis of the re-<br>spiratory system..... | 2            | 4            | 2            | 3            | ..           | 4            | 3            |
| Tuberculosis of the menin-<br>ges, etc.....      | 1            | 2            | ..           | 4            | 4            | 4            | 4            |
| Other forms of tubercu-<br>losis .....           | 1            | 2            | ..           | ..           | 2            | 3            | ..           |
| Syphilis .....                                   | 13           | 5            | 16           | 21           | 13           | 16           | 10           |
| Convulsions .....                                | 3            | 1            | ..           | ..           | 1            | 1            | 5            |
| Bronchitis .....                                 | ..           | ..           | ..           | ..           | 6            | 7            | 3            |
| Pneumonia (all forms)....                        | 210          | 180          | 230          | 196          | 256          | 199          | 196          |
| Diseases of the stomach...                       | 6            | 4            | 4            | 9            | 7            | 8            | 4            |
| Diarrhea and enteritis....                       | 151          | 125          | 137          | 248          | 212          | 162          | 187          |
| Intestinal obstruction....                       | 7            | 6            | 10           | 13           | 10           | 17           | 10           |
| Congenital malformations.                        | 102          | 119          | 102          | 103          | 102          | 91           | 94           |
| Congenital debility, ic-<br>terus, sclerema..... | 35           | 29           | 38           | 54           | 65           | 55           | 63           |
| Premature birth.....                             | 387          | 316          | 341          | 373          | 332          | 365          | 329          |
| Injury at birth.....                             | 100          | 103          | 107          | 96           | 91           | 108          | 103          |
| Other diseases of early in-<br>fancy .....       | 53           | 57           | 66           | 61           | 46           | 53           | 46           |
| External causes.....                             | 13           | 21           | 32           | 36           | 34           | 38           | 24           |
| Unknown or ill-defined dis-<br>eases .....       | 7            | 6            | 9            | 13           | 14           | 11           | 10           |
| All other causes.....                            | 95           | 73           | 60           | 66           | 64           | 89           | 47           |
| <b>Total deaths under 1 year</b>                 | <b>1,266</b> | <b>1,134</b> | <b>1,240</b> | <b>1,441</b> | <b>1,354</b> | <b>1,370</b> | <b>1,298</b> |

**VITAL STATISTICS: BIRTHS AND DEATHS, EXCESS OF BIRTHS OVER DEATHS, AND INFANT MORTALITY, BY CITIES AND COUNTIES, 1940**

(Source: Bureau of the Census)

| AREA                 | Number |        | Excess Births Over Deaths* | Infant Mortality               |                              |
|----------------------|--------|--------|----------------------------|--------------------------------|------------------------------|
|                      | Births | Deaths |                            | Number Deaths Under 1 Year Old | Number Per 1,000 Live Births |
| Adams                | 224    | 308    | -84                        | 15                             | 67.0                         |
| Alamosa              | 348    | 133    | 215                        | 43                             | 123.6                        |
| Arapahoe             | 172    | 212    | -40                        | 4                              | 23.3                         |
| Archuleta            | 64     | 30     | 34                         | 7                              | 109.4                        |
| Baca                 | 118    | 27     | 91                         | 4                              | 33.9                         |
| Bent                 | 192    | 89     | 103                        | 17                             | 88.5                         |
| Boulder              | 680    | 436    | 244                        | 34                             | 50.0                         |
| Rural part           | 437    | 264    | 173                        | 26                             | 59.5                         |
| Boulder              | 243    | 172    | 71                         | 8                              | 32.9                         |
| Chaffee              | 146    | 107    | 39                         | 9                              | 61.6                         |
| Cheyenne             | 48     | 13     | 35                         | 1                              | 20.8                         |
| Clear Creek          | 35     | 33     | 2                          | 1                              | 28.6                         |
| Conejos              | 102    | 98     | 4                          | 26                             | 254.9                        |
| Costilla             | 72     | 35     | 37                         | 2                              | 27.8                         |
| Crowley              | 103    | 35     | 68                         | 7                              | 68.0                         |
| Custer               | 31     | 9      | 22                         | ..                             | ..                           |
| Delta                | 365    | 156    | 209                        | 21                             | 57.5                         |
| Denver (coextensive) | 6,772  | 4,457  | 2,315                      | 331                            | 48.9                         |
| Dolores              | 15     | 16     | -1                         | 4                              | 266.7                        |
| Douglas              | 12     | 25     | -13                        | ..                             | ..                           |
| Eagle                | 80     | 51     | 29                         | 17                             | 212.5                        |
| Elbert               | 44     | 25     | 19                         | 2                              | 45.5                         |
| El Paso              | 903    | 782    | 121                        | 37                             | 41.0                         |
| Rural part           | 32     | 193    | -161                       | ..                             | ..                           |
| Colorado Springs     | 871    | 589    | 282                        | 37                             | 42.5                         |
| Fremont              | 274    | 234    | 40                         | 25                             | 91.2                         |
| Garfield             | 249    | 104    | 145                        | 7                              | 28.1                         |
| Gilpin               | 7      | 8      | -1                         | 1                              | 142.9                        |
| Grand                | 31     | 21     | 10                         | 1                              | 32.3                         |
| Gunnison             | 94     | 62     | 32                         | 6                              | 63.8                         |
| Hinsdale             | 3      | 2      | 1                          | ..                             | ..                           |
| Huerfano             | 211    | 167    | 44                         | 35                             | 165.9                        |
| Jackson              | 12     | 5      | 7                          | 1                              | 83.3                         |
| Jefferson            | 190    | 225    | -35                        | 6                              | 31.6                         |
| Kiowa                | 24     | 21     | 3                          | 1                              | 41.7                         |
| Kit Carson           | 193    | 53     | 140                        | 11                             | 57.0                         |
| Lake                 | 139    | 64     | 75                         | 13                             | 93.5                         |
| La Plata             | 394    | 187    | 207                        | 45                             | 114.2                        |
| Larimer              | 657    | 309    | 348                        | 29                             | 44.1                         |
| Rural part           | 606    | 235    | 371                        | 28                             | 46.2                         |
| Ft. Collins          | 51     | 74     | -23                        | 1                              | 19.6                         |
| Las Animas           | 731    | 340    | 391                        | 69                             | 94.4                         |
| Rural part           | 429    | 221    | 208                        | 40                             | 93.2                         |
| Trinidad             | 302    | 119    | 183                        | 29                             | 96.0                         |
| Lincoln              | 125    | 35     | 90                         | 20                             | 16.0                         |
| Logan                | 438    | 135    | 303                        | 20                             | 45.7                         |
| Mesa                 | 681    | 326    | 355                        | 48                             | 70.5                         |
| Rural part           | 306    | 165    | 141                        | 25                             | 87.1                         |
| Grand Junction       | 375    | 161    | 214                        | 23                             | 61.3                         |
| Mineral              | 8      | 4      | 4                          | ..                             | ..                           |
| Moffat               | 50     | 27     | 23                         | 5                              | 100.0                        |
| Montezuma            | 249    | 109    | 140                        | 21                             | 84.3                         |
| Montrose             | 341    | 138    | 203                        | 19                             | 55.7                         |
| Morgan               | 446    | 159    | 287                        | 16                             | 35.9                         |
| Otero                | 579    | 217    | 362                        | 31                             | 53.5                         |
| Ouray                | 38     | 23     | 15                         | 3                              | 78.9                         |
| Park                 | 53     | 21     | 32                         | 3                              | 56.6                         |
| Phillips             | 96     | 41     | 55                         | 3                              | 31.3                         |
| Pitkin               | 14     | 12     | 2                          | ..                             | ..                           |
| Prowers              | 340    | 130    | 210                        | 20                             | 58.8                         |
| Pueblo               | 1,296  | 1,015  | 281                        | 57                             | 44.0                         |
| Rural part           | 372    | 499    | -127                       | 25                             | 67.2                         |
| Pueblo               | 924    | 516    | 408                        | 32                             | 34.6                         |
| Rio Blanco           | 46     | 13     | 33                         | 2                              | 43.5                         |
| Rio Grande           | 316    | 155    | 161                        | 46                             | 145.6                        |
| Routt                | 221    | 104    | 117                        | 7                              | 31.7                         |
| Saguache             | 96     | 43     | 53                         | 16                             | 166.7                        |
| San Juan             | 23     | 26     | -3                         | 3                              | 130.4                        |
| San Miguel           | 64     | 30     | 34                         | 5                              | 78.1                         |
| Sedgwick             | 132    | 44     | 88                         | 3                              | 22.7                         |
| Summit               | 17     | 11     | 6                          | 1                              | 58.8                         |
| Teller               | 107    | 76     | 31                         | 5                              | 46.7                         |
| Washington           | 105    | 38     | 67                         | 3                              | 28.6                         |
| Weld                 | 1,324  | 538    | 786                        | 88                             | 66.5                         |
| Rural part           | 648    | 220    | 428                        | 31                             | 47.8                         |
| Greeley              | 676    | 318    | 358                        | 57                             | 84.3                         |
| Yuma                 | 214    | 81     | 133                        | 7                              | 32.7                         |
| Total                | 21,154 | 12,430 | 8,724                      | 1,266                          | 59.8                         |

\* A minus sign (—) indicates excess of deaths over births.

**VITAL STATISTICS: DEATHS IN COLORADO DUE TO TRANSPORTATION ACCIDENTS, BY YEARS AND KIND**

(Source: Bureau of the Census)

| CAUSE OF DEATH  | Number |      |      |      | Rate Per 100,000 Population |      |      |      |
|---|--------|------|------|------|-----------------------------|------|------|------|
|   | 1940   | 1939 | 1938 | 1937 | 1940                        | 1939 | 1938 | 1937 |
| Railway accidents (except collisions with motor vehicles) .....             | 28     | 28   | 25   | 45   | 2.5                         | 2.5  | 2.3  | 4.2  |
| Collisions between automobiles and trains ....                              | 38     | 16   | 17   | 18   | 3.4                         | 1.4  | 1.5  | 1.7  |
| Collisions between automobiles and streetcars..                             | 3      | 1    | ...  | 5    | 0.3                         | 0.1  | ...  | 0.5  |
| Automobile accidents (except collisions with trains or streetcars)...       | 329    | 318  | 333  | 386  | 29.3                        | 28.6 | 30.4 | 35.6 |
| Motorcycle accidents (except collisions with automobiles) .....             | 2      | ...  | 3    | 2    | 0.2                         | ...  | 0.3  | 0.2  |
| Streetcar accidents (except collisions with trains or motor vehicles) ..... | 1      | 2    | 1    | 4    | 0.1                         | 0.2  | 0.1  | 0.4  |
| Other and unspecified road-transport accidents .....                        | 4      | 5    | 22   | 20   | 0.2                         | 0.5  | 2.0  | 1.6  |
| Water-transport accidents .....   | 1      | 5    | 3    | 4    | 0.1                         | 0.4  | 0.3  | 0.4  |
| Air-transport accidents..   | 13     | 4    | 6    | 3    | 1.2                         | 0.4  | 0.5  | 0.3  |
| Total Transportation accidents .....  | 419    | 379  | 410  | 487  | 37.3                        | 34.1 | 37.4 | 44.9 |

**HIGHWAY GRADE-CROSSING ACCIDENTS: TRAIN AND TRAIN SERVICE CASUALTIES IN COLORADO ON STEAM RAILROADS WHERE RAILROAD TRACKS INTERSECT HIGHWAYS, BY CALENDAR YEARS**

(Source: Interstate Commerce Commission)

|  | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 |
|--|------|------|------|------|------|------|------|------|
| Number of accidents . . . . .                  | 52   | 38   | 29   | 51   | 40   | 39   | 25   | 34   |
| Casualties:                                    |      |      |      |      |      |      |      |      |
| Killed . . . . .                               | 37   | 13   | 10   | 20   | 17   | 14   | 5    | 13   |
| Injured . . . . .                              | 62   | 52   | 34   | 57   | 50   | 44   | 31   | 42   |
| Total . . . . .                                | 99   | 65   | 44   | 77   | 67   | 58   | 36   | 55   |
| Casualties in which automobiles were involved: |      |      |      |      |      |      |      |      |
| Number of accidents . . . . .                  | 45   | 38   | 25   | 48   | 39   | 39   | 24   | 32   |
| Casualties:                                    |      |      |      |      |      |      |      |      |
| Killed . . . . .                               | 31   | 13   | 8    | 18   | 17   | 14   | 5    | 13   |
| Injured . . . . .                              | 60   | 52   | 32   | 56   | 49   | 44   | 31   | 40   |
| Total . . . . .                                | 91   | 65   | 40   | 74   | 66   | 58   | 36   | 53   |
| Casualties per 10,000 automobiles registered:  |      |      |      |      |      |      |      |      |
| Colorado:                                      |      |      |      |      |      |      |      |      |
| Killed . . . . .                               | .88  | .38  | .24  | .53  | .54  | .49  | .18  | .53  |
| Injured . . . . .                              | 1.70 | 1.51 | .96  | 1.66 | 1.55 | 1.55 | 1.09 | 1.64 |
| United States:                                 |      |      |      |      |      |      |      |      |
| Killed . . . . .                               | .49  | .39  | .44  | .54  | .54  | .55  | .53  | .55  |
| Injured . . . . .                              | 1.38 | 1.22 | 1.28 | 1.65 | 1.65 | 1.69 | 1.64 | 1.47 |

**RAILROAD ACCIDENTS: TRAIN AND TRAIN-SERVICE CASUALTIES IN COLORADO ON STEAM RAILROADS SUBJECT TO INTERSTATE COMMERCE ACT, BY CALENDAR YEARS**

(Source: Interstate Commerce Commission)

Note.—See table "Highway Grade-Crossing Accidents" for additional information on this subject.

|                               | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 |
|-------------------------------|------|------|------|------|------|------|------|------|
| Number of accidents . . . . . | 113  | 97   | 118  | 194  | 193  | 121  | 85   | 72   |
| <b>Killed:</b>                |      |      |      |      |      |      |      |      |
| Non-trespassers . . . . .     | 43   | 17   | 19   | 31   | 36   | 25   | 10   | 19   |
| Trespassers . . . . .         | 12   | 16   | 17   | 24   | 15   | 16   | 19   | 11   |
| Total . . . . .               | 55   | 33   | 36   | 55   | 51   | 41   | 29   | 30   |
| <b>Injured:</b>               |      |      |      |      |      |      |      |      |
| Non-trespassers . . . . .     | 197  | 211  | 154  | 277  | 215  | 167  | 174  | 181  |
| Trespassers . . . . .         | 17   | 26   | 21   | 18   | 24   | 22   | 22   | 32   |
| Total . . . . .               | 214  | 237  | 175  | 295  | 239  | 189  | 196  | 213  |
| Total casualties . . . . .    | 269  | 270  | 211  | 350  | 290  | 230  | 225  | 243  |

## Housing Facilities

### Residential Structures, Dwelling Units, Hotels, Tourist Courts and Tourist Camps, Housing Projects

A CENSUS of housing was authorized by congress on August 11, 1939, to provide information concerning the number, characteristics (including utilities and equipment) and geographical distribution of dwelling structures and dwelling units in the United States. Accordingly, the bureau of the census is presenting for the first time a separate group of reports on housing as a part of the 16th decennial census taken as of April 1, 1940.

The housing reports present tabulations of the housing data for Colorado as a whole, counties, incorporated places of 1,000 population or more and minor civil divisions. Separate bulletins for Denver and Pueblo giving data by blocks and for the metropolitan areas also have been issued. These are available for persons desiring to make detail studies and will not be reproduced here. Instead, there is given a general summary for the state, counties and principal cities and towns.

The Colorado reports show a total of 354 660 dwelling units in the state, including urban, rural-nonfarm and rural-farm, of which 41.3 per cent were occupied by the owners on April 1, 1940, and 47.8 by tenants, a total of

89.1 per cent occupied. The vacancies were 10.9 per cent of all units, of which 8.1 were for sale or rent and 2.8 per cent were not for sale or rent.

Dwelling units are distinguished from residential structures since a single structure may enclose one or more units. Urban areas refer to incorporated places with 2,500 or more population and rural-nonfarm dwelling units are those located outside the boundaries of urban places, but not on farms. Excluded from the statistics are hotels for transient guests, and similar places maintained by the Y. M. C. A. or kindred organizations; missions, cheap one-night lodging houses; dormitories for students; nurses' homes; educational or religious institutions, military and penal institutions; soldiers' homes, orphanages, homes for the afflicted; railroad, lumber and other construction camps in which workers live in a common barracks; and CCC camps.

Summaries of the housing census for Colorado are given herewith in four tables. These show the tenure, occupancy, state of repairs, color of occupants and number of persons per room for the state; rental and mortgage status distributed as to urban and rural-

nonfarm; number and tenure by counties, and number and tenure by cities and towns.

Since this was the first general census on housing, comparable figures are not available. However, the number of occupied dwelling units in 1940 is roughly comparable with the number of private families or homes shown in

the 1930 census reports. The 316,000 occupied units in 1940, compared with 267,324 private families in 1930, shows an increase of 48,676 or 15.4 per cent. The 146,455 dwelling units occupied by owners in 1940 compares with 131,571 private families occupying their own homes in 1930, an increase of 14,844 or 10.2 per cent.

### HOUSING: CHARACTERISTICS OF DWELLING UNITS IN COLORADO AS OF APRIL 1, 1940

(Source: Bureau of the Census)

|   | Urban   |          | Rural Non-farm |          | Rural Farm |          | The State |          |
|---|---------|----------|----------------|----------|------------|----------|-----------|----------|
|   | Number  | Per Cent | Number         | Per Cent | Number     | Per Cent | Number    | Per Cent |
| <b>OCCUPANCY AND TENURE:</b>                                |         |          |                |          |            |          |           |          |
| Owner occupied .....  | 75,062  | 41.1     | 38,902         | 40.4     | 32,491     | 42.9     | 146,455   | 41.3     |
| Tenant occupied .....                                       | 99,697  | 54.5     | 39,054         | 40.6     | 30,794     | 40.7     | 169,545   | 47.8     |
| Vacant, for sale or rent.....                               | 7,383   | 4.0      | 11,981         | 12.5     | 9,259      | 12.3     | 28,623    | 8.1      |
| Vacant, not for sale or rent....                            | 652     | 0.4      | 6,271          | 6.5      | 3,114      | 4.1      | 10,037    | 2.8      |
| Total dwelling units .....                                  | 182,794 | 100.0    | 96,208         | 100.0    | 75,658     | 100.0    | 354,660   | 100.0    |
| <b>STATE OF REPAIRS AND<br/>PLUMBING EQUIPMENT:</b>         |         |          |                |          |            |          |           |          |
| Number reporting .....                                      | 167,461 | 100.0    | 91,462         | 100.0    | 72,304     | 100.0    | 331,227   | 100.0    |
| With private bath .....                                     | 116,430 | 69.5     | 29,070         | 31.8     | 7,840      | 10.8     | 153,340   | 46.3     |
| No private bath .....                                       | 51,031  | 30.5     | 62,392         | 68.2     | 64,464     | 89.2     | 177,887   | 53.7     |
| Not needing major repairs...                                | 132,775 | 79.3     | 67,386         | 73.7     | 45,976     | 63.6     | 246,137   | 74.3     |
| With private bath .....                                     | 102,217 | 61.0     | 25,497         | 27.9     | 6,994      | 9.7      | 134,708   | 40.7     |
| No private bath .....                                       | 30,558  | 18.3     | 41,889         | 45.8     | 38,892     | 53.9     | 111,429   | 33.6     |
| Needing major repairs .....                                 | 34,686  | 20.7     | 24,076         | 26.3     | 26,328     | 36.4     | 85,090    | 25.7     |
| With private bath .....                                     | 14,213  | 8.5      | 3,573          | 3.9      | 846        | 1.2      | 18,632    | 5.6      |
| No private bath .....                                       | 20,473  | 12.2     | 20,503         | 22.4     | 25,482     | 35.2     | 66,458    | 20.1     |
| Not reporting state of repairs<br>or plumbing equipment ... | 15,333  | ...      | 4,746          | ...      | 3,354      | ...      | 23,433    | ...      |
| Needing major repairs or no<br>private bath .....           | 65,244  | 39.0     | 65,965         | 72.1     | 65,310     | 90.3     | 196,519   | 59.3     |
| <b>COLOR OF OCCUPANTS:</b>                                  |         |          |                |          |            |          |           |          |
| White .....   | 170,653 | 97.7     | 77,413         | 99.3     | 62,674     | 99.0     | 310,740   | 98.3     |
| Non-white .....   | 4,106   | 2.3      | 543            | 0.7      | 611        | 1.0      | 5,260     | 1.7      |
| Total occupied dwelling<br>units .....                      | 174,759 | 100.0    | 77,956         | 100.0    | 63,285     | 100.0    | 316,000   | 100.0    |
| <b>NUMBER OF PERSONS PER<br/>ROOM:</b>                      |         |          |                |          |            |          |           |          |
| Number reporting .....                                      | 172,092 | 100.0    | 76,782         | 100.0    | 62,358     | 100.0    | 311,232   | 100.0    |
| 1.50 or less persons per room                               | 158,909 | 92.3     | 63,327         | 82.5     | 51,972     | 83.3     | 274,208   | 88.1     |
| 1.51 or more persons per room                               | 13,183  | 7.7      | 13,455         | 17.5     | 10,386     | 16.7     | 37,024    | 11.9     |
| Not reporting number of persons<br>per room .....           | 2,667   | ...      | 1,174          | ...      | 927        | ...      | 4,768     | ...      |
| Total occupied dwelling<br>units .....                      | 174,759 | ...      | 77,956         | ...      | 63,285     | ...      | 316,000   | ...      |

**HOUSING: CHARACTERISTIC OF DWELLING UNITS IN COLORADO CITIES AND TOWNS AS OF APRIL 1, 1940**

(Source: Bureau of the Census)

| CITY OR TOWN           | Owner Occupied | Tenant Occupied | Vacant       |                      | Total Dwelling Units | Total Structures |
|------------------------|----------------|-----------------|--------------|----------------------|----------------------|------------------|
|                        |                |                 | Sale or Rent | Not For Sale or Rent |                      |                  |
| Alamosa .....          | 692            | 837             | 44           | 4                    | 1,577                | 1,300            |
| Aurora .....           | 486            | 585             | 28           | 1                    | 1,100                | 992              |
| Boulder .....          | 1,985          | 2,192           | 249          | 138                  | 4,564                | 3,477            |
| Brighton .....         | 515            | 553             | 16           | 1                    | 1,085                | 980              |
| Canon City .....       | 731            | 900             | 58           | 4                    | 1,693                | 1,376            |
| Colorado Springs ..... | 5,588          | 6,254           | 774          | 95                   | 12,711               | 10,426           |
| Delta .....            | 569            | 500             | 67           | 5                    | 1,141                | 995              |
| Denver .....           | 37,186         | 59,591          | 4,176        | 190                  | 101,143              | 68,205           |
| Durango .....          | 822            | 855             | 79           | 12                   | 1,768                | 1,403            |
| Englewood .....        | 1,623          | 1,245           | 63           | 8                    | 2,939                | 2,669            |
| Florence .....         | 399            | 387             | 31           | 8                    | 825                  | 752              |
| Fort Collins .....     | 1,773          | 2,019           | 175          | 45                   | 4,012                | 3,194            |
| Fort Morgan .....      | 664            | 775             | 37           | 2                    | 1,478                | 1,203            |
| Golden .....           | 502            | 474             | 44           | 17                   | 1,037                | 846              |
| Grand Junction .....   | 1,758          | 1,816           | 140          | 14                   | 3,728                | 2,937            |
| Greeley .....          | 2,056          | 2,718           | 216          | 8                    | 4,998                | 3,607            |
| La Junta .....         | 970            | 1,039           | 67           | 1                    | 2,077                | 1,715            |
| Lamar .....            | 528            | 764             | 19           | 2                    | 1,313                | 1,061            |
| Las Animas .....       | 431            | 499             | 4            | 1                    | 935                  | 769              |
| Leadville .....        | 889            | 522             | 197          | 8                    | 1,616                | 1,450            |
| Longmont .....         | 1,152          | 1,073           | 59           | 8                    | 2,292                | 1,928            |
| Loveland .....         | 1,041          | 804             | 72           | 5                    | 1,922                | 1,687            |
| Monte Vista .....      | 488            | 422             | 19           | 4                    | 933                  | 778              |
| Montrose .....         | 708            | 652             | 63           | 5                    | 1,428                | 1,205            |
| Pueblo .....           | 7,143          | 6,798           | 314          | 32                   | 14,287               | 11,443           |
| Rocky Ford .....       | 464            | 597             | 50           | 3                    | 1,114                | 901              |
| Salida .....           | 751            | 743             | 93           | 10                   | 1,597                | 1,323            |
| Sterling .....         | 913            | 1,168           | 76           | 7                    | 2,164                | 1,730            |
| Trinidad .....         | 1,543          | 1,987           | 105          | 9                    | 3,644                | 2,908            |
| Walsenburg .....       | 692            | 928             | 48           | 5                    | 1,673                | 1,351            |

**HOUSING: CHARACTERISTICS OF DWELLING UNITS IN COLORADO AS OF  
APRIL 1, 1940, BY COUNTIES**

(Source: Bureau of the Census)

| COUNTY       | Owner Occupied | Tenant Occupied | Vacant For Sale or Rent | Vacant Not for Sale or Rent | Total Dwelling Units |
|--------------|----------------|-----------------|-------------------------|-----------------------------|----------------------|
| Adams        | 2,855          | 2,747           | 319                     | 43                          | 5,964                |
| Alamosa      | 1,358          | 1,373           | 143                     | 11                          | 2,885                |
| Arapahoe     | 5,411          | 3,566           | 324                     | 54                          | 9,355                |
| Archuleta    | 485            | 484             | 107                     | 97                          | 1,173                |
| Baca         | 810            | 897             | 281                     | 28                          | 2,016                |
| Bent         | 991            | 1,431           | 202                     | 20                          | 2,644                |
| Boulder      | 5,632          | 5,695           | 1,003                   | 1,319                       | 13,649               |
| Chaffee      | 1,260          | 1,138           | 494                     | 104                         | 2,996                |
| Cheyenne     | 378            | 448             | 150                     | 17                          | 993                  |
| Clear Creek  | 492            | 680             | 691                     | 106                         | 1,969                |
| Conejos      | 1,574          | 982             | 208                     | 129                         | 2,893                |
| Costilla     | 1,074          | 561             | 75                      | 55                          | 1,765                |
| Crowley      | 524            | 881             | 100                     | 16                          | 1,521                |
| Custer       | 394            | 283             | 126                     | 59                          | 862                  |
| Delta        | 2,480          | 2,029           | 271                     | 186                         | 4,966                |
| Denver       | 37,186         | 59,591          | 4,176                   | 190                         | 101,143              |
| Dolores      | 322            | 211             | 56                      | 18                          | 607                  |
| Douglas      | 484            | 549             | 173                     | 18                          | 1,224                |
| Eagle        | 708            | 787             | 163                     | 105                         | 1,763                |
| Elbert       | 807            | 730             | 194                     | 11                          | 1,742                |
| El Paso      | 8,191          | 8,341           | 2,251                   | 778                         | 19,561               |
| Fremont      | 2,722          | 2,524           | 439                     | 64                          | 5,749                |
| Garfield     | 1,597          | 1,466           | 275                     | 77                          | 3,415                |
| Gilpin       | 285            | 295             | 281                     | 184                         | 1,045                |
| Grand        | 559            | 464             | 576                     | 196                         | 1,795                |
| Gunnison     | 809            | 954             | 560                     | 254                         | 2,577                |
| Hinsdale     | 83             | 41              | 116                     | 83                          | 323                  |
| Huerfano     | 1,958          | 2,108           | 246                     | 24                          | 4,336                |
| Jackson      | 276            | 249             | 172                     | 92                          | 789                  |
| Jefferson    | 5,264          | 3,499           | 1,377                   | 1,659                       | 11,799               |
| Kiowa        | 434            | 385             | 182                     | 21                          | 1,022                |
| Kit Carson   | 873            | 1,126           | 256                     | 24                          | 2,279                |
| Lake         | 1,124          | 877             | 268                     | 122                         | 2,391                |
| La Plata     | 2,198          | 1,914           | 506                     | 74                          | 4,692                |
| Larimer      | 5,034          | 5,290           | 2,932                   | 1,025                       | 14,281               |
| Las Animas   | 3,736          | 4,484           | 826                     | 138                         | 9,184                |
| Lincoln      | 793            | 863             | 186                     | 20                          | 1,862                |
| Logan        | 1,949          | 2,714           | 400                     | 69                          | 5,132                |
| Mesa         | 5,290          | 3,866           | 511                     | 161                         | 9,828                |
| Mineral      | 123            | 171             | 214                     | 93                          | 601                  |
| Moffat       | 828            | 728             | 195                     | 48                          | 1,799                |
| Montezuma    | 1,474          | 1,205           | 191                     | 49                          | 2,919                |
| Montrose     | 2,158          | 1,922           | 287                     | 96                          | 4,463                |
| Morgan       | 1,871          | 2,599           | 308                     | 52                          | 4,830                |
| Otero        | 2,872          | 3,574           | 292                     | 69                          | 6,807                |
| Ouray        | 335            | 290             | 55                      | 12                          | 692                  |
| Park         | 515            | 544             | 438                     | 365                         | 1,862                |
| Phillips     | 600            | 795             | 107                     | 6                           | 1,508                |
| Pitkin       | 409            | 160             | 143                     | 87                          | 799                  |
| Prowers      | 1,277          | 2,022           | 437                     | 16                          | 3,752                |
| Pueblo       | 9,639          | 8,593           | 707                     | 392                         | 19,331               |
| Rio Blanco   | 471            | 380             | 98                      | 74                          | 1,023                |
| Rio Grande   | 1,401          | 1,734           | 244                     | 128                         | 3,507                |
| Routt        | 1,310          | 1,718           | 361                     | 108                         | 3,497                |
| Saguache     | 767            | 789             | 197                     | 73                          | 1,826                |
| San Juan     | 187            | 206             | 111                     | 17                          | 521                  |
| San Miguel   | 543            | 485             | 100                     | 47                          | 1,175                |
| Sedgwick     | 496            | 889             | 109                     | 31                          | 1,525                |
| Summit       | 267            | 399             | 232                     | 77                          | 975                  |
| Teller       | 1,147          | 862             | 413                     | 179                         | 2,601                |
| Washington   | 1,041          | 1,159           | 217                     | 7                           | 2,424                |
| Weld         | 6,705          | 10,160          | 1,266                   | 345                         | 18,476               |
| Yuma         | 1,619          | 1,638           | 285                     | 15                          | 3,557                |
| <b>Total</b> | <b>146,455</b> | <b>169,545</b>  | <b>28,623</b>           | <b>10,037</b>               | <b>354,660</b>       |

**HOUSING: URBAN AND RURAL-NONFARM DWELLING UNITS IN COLORADO  
BY CONTRACT OR ESTIMATED MONTHLY RENTAL AND  
MORTGAGE STATUS, APRIL 1, 1940**

(Source: Bureau of the Census)

Note—The average monthly rent or rental value of all dwelling units in urban and rural-nonfarm areas is obtained by dividing the total amount of rent or estimated rental value reported by the number of dwelling units for which these items were reported. Urban area is made up of incorporated places having 2,500 or more inhabitants. Rural-nonfarm dwelling units are those located outside the boundaries of urban places but not on farms.

|  | Urban       | Rural-<br>nonfarm | Total Urban<br>and Rural-<br>nonfarm |
|--|-------------|-------------------|--------------------------------------|
| All residential structures .....           | 134,609     | 89,634            | 224,243                              |
| All dwelling units .....                   | 182,794     | 96,208            | 279,002                              |
| Contract or estimated monthly rent:        |             |                   |                                      |
| Number reporting .....                     | 179,662     | 93,815            | 273,477                              |
| Total contract or estimated monthly rent   | \$4,683,157 | \$1,442,332       | \$6,125,489                          |
| Average contract or estimated monthly rent | 26.07       | 15.37             | 22.40                                |
| Number not reporting .....                 | 3,132       | 2,393             | 5,525                                |
| Mortgage status:                           |             |                   |                                      |
| Owner-occupied dwelling units .....        | 38,902      | 75,062            | 113,964                              |
| Number reporting .....                     | 71,217      | 34,999            | 106,216                              |
| Mortgaged .....                            | 31,903      | 10,521            | 42,424                               |
| Per cent mortgaged .....                   | 44.8        | 30.1              | 39.9                                 |
| Free of mortgage .....                     | 39,314      | 24,478            | 63,792                               |
| Not reporting .....                        | 3,845       | 3,903             | 7,748                                |

**HOTELS IN COLORADO**

The 1940 census discloses that Colorado ranks high among the states of the Union in the number of hotels and guest rooms. There were 722 hotels in Colorado in 1939 with six or more guest rooms, excluding apartment houses and residential hotels catering exclusively to permanent guests, boarding houses, tourist resorts, dude ranches, club dormitories and similar establishments. Only 12 states had a larger number. The Colorado hotels reporting had 26,488 guest rooms. and the state ranked 16th among the states.

Of the above establishments, Colorado had 684 year-round hotels with 24,871 guest rooms, and ranked 12th in the number of hotels and 14th in the number of guest rooms. The state

ranked approximately the same in the number of seasonal hotels. The District of Columbia is included in the determination of the state's relative position.

A business census of hotels taken in 1935 is not exactly comparable with 1939, but gives relative figures of some value. There were 696 hotels in the state in 1935, of which 636 were year-round establishments and 60 were seasonal hotels. The number of guest rooms was 25,788, of which 23,506 were year-round and 2,282 seasonal. Receipts for all hotels were \$7,692,000 in 1935. A revision of classifications prevents the figures from being strictly comparable.

An accompanying table summarizes the report on hotels in Colorado in 1939.

### HOTELS IN COLORADO: NUMBER OF GUEST ROOMS, RECEIPTS, NUMBER OF EMPLOYEES AND PAYROLL, 1939

(Source: Bureau of the Census)

Note—The term hotels includes, principally, establishments designating themselves as hotels and providing hotel accommodations as their major activity. Establishments reporting a total of less than six guest rooms or receipts less than \$500, apartment houses, residential hotels catering exclusively to permanent guests, boarding and lodging houses, tourist camps, resorts, Y. M. C. A's, Y. W. C. A's, dude ranches, and other similar establishments are not considered hotels for census purposes.

|  | Year-round Hotels | Seasonal Hotels | Total       | All Hotels  |                  |            |
|--|-------------------|-----------------|-------------|-------------|------------------|------------|
|  |                   |                 |             | Denver      | Colorado Springs | Pueblo     |
| Hotels (number) ..                               | 684               | 38              | 722         | 270         | 21               | 46         |
| Guest rooms (number) .....                       | 24,871            | 1,617           | 26,488      | 13,217      | 1,218            | 1,219      |
| Receipts .....                                   | \$8,653,000       | \$ 444,000      | \$9,097,000 | \$4,906,000 | \$ 636,000       | \$ 345,000 |
| Active proprietors of unincorporated business... | 645               | 31              | 676         | 246         | 14               | 41         |
| Employees (average number)*                      |                   |                 |             |             |                  |            |
| Male .....                                       | 1,876             | 74              | 1,950       | .....       | .....            | .....      |
| Female .....                                     | 1,810             | 93              | 1,903       | .....       | .....            | .....      |
| Total .....                                      | 3,686             | 167             | 3,853       | 2,016       | 306              | 168        |
| Payroll .....                                    | \$2,294,000       | \$ 126,000      | \$2,420,000 | \$1,327,000 | \$ 200,000       | \$ 88,000  |

\*Includes paid executives of corporations, but not the number and compensation of proprietors of unincorporated businesses.

### TOURIST COURTS AND TOURIST CAMPS

There were 571 establishments in Colorado classified as tourist courts and tourist camps in the 1940 census of business engaged primarily in furnishing temporary lodging accommodations to tourists in cabins or similar structures. A summary of their operations in the calendar year of 1939 is as follows:

|  |             |
|--|-------------|
| Number of establishments.....                        | 571         |
| Receipts .....                                       | \$1,113,000 |
| Active proprietors of unincorporated businesses..... | 595         |
| Average number of employees <sup>1</sup> ..          | 181         |
| Payroll <sup>1</sup> .....                           | \$80,000    |
| Number of cabins.....                                | 5,736       |
| Number of units <sup>2</sup> .....                   | 6,411       |

<sup>1</sup>Exclusive of proprietors.

<sup>2</sup>Rooms, apartments, single cabins.

A comparison of 1939 with 1935 is as follows:

|                                | 1939        | 1935      |
|--------------------------------|-------------|-----------|
| Number of establishments ..... | 571         | 413       |
| Receipts .....                 | \$1,113,000 | \$781,000 |

In addition to the above there were 136 establishments in 1939 which operated tourist courts and tourist camps, but received more than 50 per cent of their revenue from other sources such as filling stations, restaurants, drink-

ing places, etc. The total receipts of these were \$1,135,000, of which \$217,000 represented cabins and room rentals, \$79,000 meals and fountain service, \$818,000 merchandise sales and \$21,000 repairs and service.

### HOUSING PROJECTS

The United States Housing authority was created as a body corporate of perpetual duration by an act of congress approved September 1, 1937, and on October 27, 1937, was placed under the Federal Works agency by executive order. On February 24, 1942, it was placed under the jurisdiction of the National Housing agency by executive order.

The purpose of the authority is to assist the several states and their political subdivisions to remedy the unsafe and unsanitary housing conditions and the acute shortage of decent, safe and sanitary dwellings for families of low income and to alleviate present and recurring unemployment. The housing authority may make loans to public housing agencies to assist in the development, acquisition, or administration of low-rent housing or slum-clearance projects. It also may make annual contributions to public housing

agencies to assist in achieving and maintaining the low-rent character of a housing project.

An amendment to the act approved June 28, 1940, authorizes the USHA to undertake directly or to cooperate with the war and navy departments and local housing agencies in providing housing for the national defense program for persons and their families engaged in national defense activities. This is known as the Lanham act.

Colorado is in Region 5, which has its headquarters in Washington. Two agencies in the state had been created for the purpose of availing themselves of federal aid in low-rent housing projects up to June 30, 1942. One of these is the Denver Housing authority, a permanent organization established under the authority of the city and county of Denver, and the other is the Pueblo Housing authority, similarly constituted. The Denver authority is actively engaged in the construction and operation of five projects and the Pueblo agency is in the preliminary stages.

The first three projects for Denver were approved by the President on May 3, 1939, and the USHA entered into contracts with the Denver authority May 24, 1939, for loans aggregating \$3,132,000, based on 90 per cent of development costs, and maximum amount of annual contribution of \$104,460. Out of this loan sufficient funds were saved to undertake two additional projects. A summary of these projects and their status is as follows:

Lincoln Park Homes, located in west Denver, consists of 2- and 3-story flats and row houses and 3-story apartments comprising 346 units. The site was classed as a slum district. Contracts provided for the elimination of 90 units on the site and 426 off the site. Approved rentals are \$11.13 monthly average for shelter and \$17.81 for shelter plus utilities purchased for an average family of 4.33 persons. The Denver authority awarded contracts in May, 1940, amounting to \$1,120,262 for construction. It was taken over by the authority on March 22, 1941, and on June 30, 1941, it was 98.8 per cent occupied. Average annual income of occupying families is placed at \$750. Following completion, contracts were made for an addition which will increase the total number of units from 346 to 422, bringing the total cost up to \$1,972,157.

The Las Casitas development is located on Federal boulevard at West Twelfth avenue. Site was 65 per cent slum and the development consists of

1- and 2-story row houses comprising 195 units. It is intended primarily for occupants of Spanish-American descent. Contracts were awarded in May, 1941, amounting to \$764,000 for construction. It was completed and occupancy began in June, 1942.

Platte Valley Homes is located at Champa and Thirtieth streets, and consists of 77 units in 2-story row houses and flats. It was under construction early in 1942 and will be occupied by negroes, estimated total cost \$379,501.

Arapahoe Courts is located at Arapahoe and Twenty-fifth streets and will consist of 76 units in 2-story row houses and flats. Contracts were awarded in January, 1942, and construction is under way. The project at first will be reserved for defense workers and the usual requirement that occupants shall come from slum areas is waived. Estimated cost is \$368,735.

The ownership is vested in perpetuity in the Denver housing authority. The funds advanced by the government for construction purposes are to be repaid. The maximum annual allowances are for the purpose of keeping the rentals within the requirements of the low-income occupants.

#### FEDERAL HOUSING ADMINISTRATION

The Federal Housing administration was created under the national housing act of congress approved June 27, 1934. The Colorado legislature passed an act, approved May 9, 1935, enabling financial institutions in this state to participate in the mutual mortgage insurance system and related features of the national act.

The administration was launched under two immediate heads of the housing act, known as Title I and Title II. The first, which is popularly known as the housing renovation and modernization program, had for its primary purpose the making of funds available to home owners with which to repair and modernize their houses. The loans for these purposes were made by the banks on their own judgment, under certain restrictions, and were insured through the housing administration's revolving fund. The majority of these loans had no security other than the character of the signers of the notes. The provisions of the act expired by limitation March 31, 1937. The act subsequently was amended before expiration periods extending its provisions to June 30, 1942.

A cumulative summary from 1934 to 1941, inclusive, for Colorado, is as follows:

|                             |              |
|-----------------------------|--------------|
| Notes insured:              |              |
| Number .....                | 24,693       |
| Amount .....                | \$10,151,151 |
| Claims paid:                |              |
| Number .....                | 676          |
| Amount .....                | \$153,772    |
| Per cent notes insured..... | 0.7          |
| Per cent claims paid.....   | 0.4          |
| Averages:                   |              |
| Notes insured.....          | \$411        |
| Claims paid.....            | 227          |

Title II of the act provides for the insuring of first mortgages on city residential property. Loans up to 80 per cent of a fair appraisal value on residences meeting certain property standards may be insured. A second mortgage loan is thus obviated. Monthly payments are so arranged as to amortize the loan in an agreed number of years (from 1 to 20) and to provide for the payment of taxes, improvement assessments and fire insurance premiums. These payments also include one-half of one per cent which goes into a mutual mortgage insurance fund to take care of losses and administrative expenses. The single monthly payments cover principal, interest, taxes and insurance, do away with costly renewals and the dangers of prior maturities of second mortgages.

One of several amendments enacted in 1939 permits insurance of mortgages up to 90 per cent (formerly 80 per cent) of the FHA valuation, when in amounts not exceeding \$5,400 and secured by new, single-family, owner-occupied houses. Another extended the top limit on maturities for single-family, owner-occupied houses to 25 years. Twenty years remains the maximum maturity permissible for all other insured mortgages on new or existing homes.

The net number and face amount of 1- to 4-family home mortgages accepted for insurance in Colorado under Title II, cumulative 1935 to 1941, inclusive, are as follows:

|                 |              |
|-----------------|--------------|
| New homes:      |              |
| Number .....    | 5,714        |
| Amount .....    | \$23,557,924 |
| Existing homes: |              |
| Number .....    | 3,746        |
| Amount .....    | \$11,721,694 |
| Total:          |              |
| Number .....    | 9,460        |
| Amount .....    | \$35,279,618 |

An amendment to the housing act approved March 28, 1941, established provisions for insuring loans on defense housing under Title VI, for which \$300,000,000 was appropriated. Its provisions are restricted to areas in which the President finds that an acute shortage of housing exists or impends

which would impede national defense. Mortgages insured under this title may run a maximum of 20 years with a maximum interest of 4.5 per cent, and are limited to maximum amounts of \$4,000 on a single-family residence; \$6,000 on a two-family home; \$8,000 on a three-family home; and \$10,000 on a four-family home. Loans may be made up to 90 per cent of FHA valuation.

Insured loans under Title VI up to the end of 1941 numbered 231 and amount of loans was \$892,550.

#### FARM DWELLINGS AND THEIR FACILITIES

The bureau of the census reported 75,658 dwelling units on farms in Colorado on April 1, 1940, of which 32,491, or 42.9 per cent, were occupied by owners and 30,794, or 40.7 per cent, by tenants, the remainder being vacant. A summary of the state of repairs, plumbing equipment, color of occupants, and the number of occupants per room is given on page 422. The location of these farms in relation to highways is shown on page 359.

Of all dwelling units on farms, 25,595 or 34.6 per cent were lighted by electricity and 65.4 per cent by other means. There were 15,326 or 21.2 per cent supplied with running water and 56,979 units or 78.8 per cent had no running water. Flush toilet or non-flush toilet were reported in 8,689 units or 11.7 per cent; outside toilet or privy were reported by 62,977 units or 84.7 per cent and 2,691 or 3.6 per cent reported no toilet or privy.

There were 50,426 automobiles on the farms in 1940, which compares with 52,238 in 1930, a decrease of 1,832. Of that number 11,949 or 20.2 per cent were 1930 or prior-year models and only 6,019 or 11.4 per cent were models of years subsequent to 1937. The average year of all models was 1933.

The number of motor trucks on farms in 1940 was 16,850, a decrease of 68 as compared with 1930, and an increase of 13,834 or 558.6 per cent compared with 1920. Of the 1940 total, 4,928 were models of years prior to 1931 and only 2,104 were models of years subsequent to 1937. In contrast to the number of trucks, the number of tractors has shown a substantial increase, there being 19,063 in 1940 as compared with 12,029 in 1930, an increase of 6,934 or 57.6 per cent in 10 years. More than one-third of all tractors or 7,771 were models of 1930 or prior years.

The number of farms reporting telephones was 16,795 in 1940, which compares with 23,877 in 1930, a decrease of 7,122 or 29.8 per cent.

## Colorado Hospitals

### Names, Location, Capacity, Control and Financing of Principal Hospitals

THERE were 185 institutions for the care of the sick in Colorado in 1939 as reported by the bureau of the census. These were equipped with 15,465 beds, exclusive of bassinets. The distribution of these is as follows:

| Type   | Number     | Beds          |
|--|------------|---------------|
| Hospitals and sanatoriums .....              | 128        | 13,776        |
| Nursing, convalescent and rest homes.....    | 28         | 862           |
| Other institutions with infirmaries .....    | 19         | 827           |
| Other institutions without infirmaries ..... | 10         | ...           |
| <b>Total .....</b>                           | <b>185</b> | <b>15,465</b> |

Colorado rated higher for each kind of institution than the United States as a whole on the basis of the number of beds per 1,000 population. The comparative rates are as follows:

| Type                                       | U. S.       | Colo.        |
|--|-------------|--------------|
| Hospitals and sanatoriums..                | 9.01        | 12.23        |
| General and other.....                     | 3.84        | 5.76         |
| Tuberculosis .....                         | 0.59        | 1.24         |
| Nervous and mental.....                    | 4.58        | 5.23         |
| Nursing, convalescent and rest homes ..... | 0.17        | 0.77         |
| Other institutions with infirmaries .....  | 0.56        | 0.73         |
| <b>Total .....</b>                         | <b>9.74</b> | <b>13.73</b> |

Of all institutions reported, 125 furnished complete details of operations. Ninety three of these were registered with the American Medical association. Those of nonregistry, however, accounted for only 3.5 per cent of the beds.

The distribution of hospitals and sanatoriums as to type and number is as follows:

| Type                    | Number        |
|-------------------------|---------------|
| General .....           | 95            |
| Tuberculosis .....      | 13            |
| Nervous and mental..... | 7             |
| Other .....             | 10            |
| <b>Total .....</b>      | <b>125</b>    |
| <b>Total beds.....</b>  | <b>13,738</b> |

The distribution of the above as to control is as follows:

|                         | Gov-ern-ment | Non-profit   | Propri-etary |
|-------------------------|--------------|--------------|--------------|
| General .....           | 12           | 43           | 40           |
| Tuberculosis .....      | ..           | 11           | 2            |
| Nervous and mental..    | 5            | ..           | 2            |
| Other .....             | 3            | 3            | 4            |
| <b>Total .....</b>      | <b>20</b>    | <b>57</b>    | <b>48</b>    |
| <b>Total beds .....</b> | <b>8,129</b> | <b>4,562</b> | <b>1,047</b> |

Total admissions to the above in 1939 were 98,866 and the patient days 3,711,700.

The American College of Surgeons conducts an annual survey of hospitals with 25 or more beds in the United States in its standardization movement. This movement provides for the establishment of minimum requirements for the proper conduct of hospitals as to the competency and character of physicians and surgeons upon hospital staffs, adequate equipment, maintenance of proper records, prohibition of fee-splitting, etc., before a hospital is given full approval.

The survey as of October 1, 1941, lists 36 approved hospitals in Colorado, of which 34 are fully approved and two provisionally approved. The conditionally approved are those which have accepted the minimum standards required but which for lack of time or other acceptable reasons have not completed the adoption of the requirements in detail.

The 36 hospitals approved in 1941 had a bed capacity of 11,400, including cribs and bassinets for the new-born. A table published herewith gives the location, ownership, management and bed capacity of the hospitals in the state approved by the college of surgeons.

In addition to these hospitals, there are a number of private sanitariums and smaller hospitals in the various cities and towns in the state, where satisfactory accommodations may be secured.

The United States Public Health Service released in 1939 a report giving the results of a business census of hospitals for 1935, which was taken with the aid of grants from the Works Progress Administration. This report, the first of its kind ever compiled, reveals that Colorado ranks high among the states of the Union in hospital facilities. This state ranked first in the number of beds per 1,000 population in hospitals for tuberculosis, sixth for general and special hospitals and fourth for all hospitals.

No similar survey has since been undertaken by the service.

The survey reported the annual payment per capita for hospital service in Colorado is \$6.83, or indicated pay-

ments of \$7,253,460, of which 42.3 per cent comes from patients, 26.8 per cent from taxes, and 30.9 per cent from other sources, including trust funds and grants. These figures are exclusive of federal hospitals.

Annual payments per 1,000 population for Colorado, compared with the United States, by types of hospitals is as follows:

| Type                     | Per Capita |        | Type                      | Per Capita |        | Amount Colo. |
|--------------------------|------------|--------|---------------------------|------------|--------|--------------|
|                          | Colo.      | U. S.  |                           | Colo.      | U. S.  |              |
| General and special..... | \$4.49     | \$3.37 | General and special ..... | \$4.38     | \$3.44 | \$4,651,560  |
| Mental .....             | 1.02       | 1.14   | Mental .....              | 0.98       | 1.14   | 1,040,760    |
| Tuberculosis .....       | 1.32       | 0.39   | Tuberculosis .....        | 1.33       | 0.39   | 1,412,460    |
| Total .....              | \$6.83     | \$4.90 | Total .....               | \$6.69     | \$4.97 | \$7,104,780  |

An accompanying table gives a distribution of these payments, with sources from which they are derived, and indicated amounts.

Expenditures of hospitals canvassed on a per capita basis for Colorado and the United States, and in indicated amounts for Colorado, are as follows:

#### COLORADO HOSPITALS: ESTIMATED INCOME, BY SOURCES, FOR CALENDAR YEAR 1935

(Source: United States Public Health Service)

Note—This table is compiled from a census of registered hospitals made by the Public Health Service with the aid of a grant from the Works Progress Administration, and constitutes a unit of the business census of 1935. The report uses only ratios and percentages in relation to payments for hospital services and the sources of the payments. The amounts used in this table are obtained by applying the per capita payments to Colorado's estimated population of 1,062,000 as of July 1, 1935. Infirmary units of institutions and hospitals under federal control are not included. See text under "Colorado Hospitals" for further explanations.

| TYPE OF HOSPITAL        | Total Payments |             | Hospital Income from Specified Sources |             |          |             |          |             |
|-------------------------|----------------|-------------|--|-------------|----------|-------------|----------|-------------|
|                         | Per Capita     | Amount      | Patients                               |             | Taxes    |             | Others   |             |
|                         |                |             | Per Cent                               | Amount      | Per Cent | Amount      | Per Cent | Amount      |
| General and special.... | \$4.49         | \$4,768,380 | 58.3                                   | \$2,779,965 | 21.6     | \$1,029,970 | 20.1     | \$ 958,445  |
| Mental .....            | 1.02           | 1,083,240   | 14.8                                   | 160,320     | 84.1     | 911,004     | 1.1      | 11,916      |
| Tuberculosis .....      | 1.32           | 1,401,840   | 9.4                                    | 131,773     | ...      | .....       | 90.6     | 1,270,067   |
| Total .....             | \$6.83         | \$7,253,460 | 42.3                                   | \$3,072,058 | 26.8     | \$1,940,974 | 30.9     | \$2,240,428 |

#### MILITARY HOSPITALS

In addition to the hospitals for civilian use in normal peace times, reviewed in this chapter, there are numerous field hospitals and stations operated in the state in connection with war activities. Information as to the number of these and their facilities is limited as a military necessity but in general it may be stated that they are ample for the requirements of several hundred thousand men and are serviced with the most modern equipment available and are operated by competent staffs under the supervision of the medical corps of the army and navy. Camp Carson, for example, had a base hospital and 17 station hospitals with 1,260 beds under the original contracts and these subsequently have been increased with the enlargement of the post. Proportionately, Buckley

field, Camp Hale, and all the other military establishments are similarly supplied. Lowry field, which is a permanent establishment, likewise is equipped not only as a regular establishment of the service, but for the extra requirements of the war. Fitzsimons General hospital, likewise, is a permanent base hospital for the army and in connection with its regular activities conducts numerous training facilities. The Veterans Hospital also is a permanent establishment of the veterans' administration. These hospitals are described in more detail on pages 489 and 490. The army conducts a medical depot in Denver which serves the entire western half of the country and is prepared to ship at any time an entire field unit of 1,000 beds on short notice. It is described on page 493.

COLORADO HOSPITALS APPROVED BY THE AMERICAN COLLEGE OF SURGEONS AS OF OCTOBER 1, 1941

| LOCATION AND NAME                                    | Type         | Ownership or Control   | Bed Capacity |
|--|--------------|------------------------|--------------|
| <b>Boulder:</b>                                      |              |                        |              |
| Boulder-Colorado sanitarium and hospital†            | General      | Seventh Day Adventists | 107          |
| Community hospital                                   | General      | Community              | 57           |
| <b>Colorado Springs:</b>                             |              |                        |              |
| Beth-El General hospital†                            | General      | Methodist Church       | 176          |
| Glockner sanatorium and hospital                     | General      | Sisters of Charity     | 163          |
| St. Francis hospital and sanatorium†                 | General      | Sisters of St. Francis | 150          |
| <b>Denver:</b>                                       |              |                        |              |
| Beth Israel hospital                                 | General      | Community              | 65           |
| Children's hospital                                  | Children     | Community              | 200          |
| Denver General hospital†                             | General      | City and County        | 572          |
| Fitzsimons General hospital                          | General      | U. S. Army             | 1,458        |
| Mercy hospital†                                      | General      | Sisters of Mercy       | 240          |
| Mt. Airy sanitarium                                  | Mental       | Private                | 66           |
| National Jewish hospital                             | Tuberculosis | Community              | 246          |
| Porter sanitarium and hospital                       | General      | Church                 | 93           |
| Presbyterian hospital†                               | General      | Presbyterian Church    | 175          |
| St. Anthony's hospital†                              | General      | Sisters of St. Francis | 210          |
| St. Joseph's hospital†                               | General      | Sisters of Charity     | 300          |
| St. Luke's hospital†                                 | General      | Episcopal Church       | 259          |
| Sanatorium of the Jewish Consumptives Relief Society | Tuberculosis | Community              | 300          |
| University of Colorado hospitals†:                   |              |                        |              |
| Colorado General hospital                            | General      | State                  | 265          |
| Colorado Psychopathic hospital                       | Mental       | State                  | 78           |
| <b>Durango:</b>                                      |              |                        |              |
| Mercy hospital                                       | General      | Sisters of Mercy       | 60           |

†Approved for training interns by the Council on Medical Education and Hospitals, American Medical Association.

**COLORADO HOSPITALS APPROVED BY THE AMERICAN COLLEGE OF SURGEONS AS OF OCTOBER 1, 1941—Continued**

| LOCATION AND NAME  | Type         | Ownership or Control            | Bed Capacity |
|--|--------------|---------------------------------|--------------|
| Fort Logan:<br>Station hospital*                           | General      | U. S. Army                      | 105          |
| Fort Lyon:<br>Veterans Administration hospital             | General      | Federal                         | 805          |
| Grand Junction:<br>St. Mary's hospital                     | General      | Sisters of Charity              | 77           |
| La Junta:<br>Atchison, Topeka & Santa Fe Railroad hospital | Industrial   | Railroad Hospital Association   | 36           |
| Mennonite hospital and sanitarium*                         | General      | Board of Missions and Charities | 70           |
| Longmont:<br>Longmont hospital                             | General      | Private                         | 40           |
| Pueblo:<br>Colorado State hospital                         | Mental       | State                           | 4,062        |
| Corwin hospital  | Industrial   | Corporation                     | 228          |
| Parkview hospital  | General      | Community                       | 96           |
| St. Mary's hospital  | General      | Sisters of Charity              | 174          |
| Woodcroft hospital   | Mental       | Private                         | 120          |
| Salida:<br>Denver & Rio Grande Western hospital            | Industrial   | Railway Employees' Association  | 74           |
| Sterling:<br>St. Benedict hospital                         | General      | Sisters of St. Benedict         | 36           |
| Trinidad:<br>Mt. San Rafael hospital                       | General      | Sisters of Charity              | 82           |
| Woodmen:<br>Modern Woodmen of America sanitarium           | Tuberculosis | Woodmen of America              | 155          |

\*Provisionally approved.

## Courts, Prisoners and Crime

State and Federal Activities, Cases Before District Courts, Crimes Known to the Police, Judicial Criminal Statistics, Prisoners, Municipal Police Departments, Legal Executions, Federal Correctional Institution, Narcotic Law Operations, Marihuana Control

**I**NFORMATION on the activities of law enforcement agencies in Colorado is made available through a number of state and federal channels.

The urban police departments and the sheriffs of the several counties in the state cooperate with the federal bureau of investigation (FBI) in compiling statistics of offenses known to the police and the number of prisoners arrested and held for prosecution. These data include lesser offenses and misdemeanor cases as well as a record of the major crimes. The information is intended to show to what extent crime is prevalent, the nature of the offenses committed and other data of a material nature as recorded through municipal law enforcement agencies. The extent of this cooperation is indicated in the bureau's report to the effect that in 1940, 86.7 per cent of the urban police departments and 77.8 per cent of the sheriffs of the state aided in the compilation of the information.

The federal bureau of the census, under authorization of congress, compiles annual data on the number of prisoners before courts of criminal jurisdiction, the disposition of these defendants and the nature of the crimes committed. This information primarily has to do with defendants charged with felonies which are definitely brought before the courts, and does not include minor offenses and misdemeanors charged in inferior courts.

The state planning commission makes an annual survey of prisoners received in the county jails of the state and the number of prisoners in the jails at the beginning and end of the fiscal years. The prisoners thus reported upon include those arrested for investigation, held for other law enforcement agencies, or charged with offenses of minor or major importance and those who are sentenced in inferior courts to jail sentences.

The distinction in the reports of the various agencies is pointed out for the purpose of avoiding misinterpretation of the several sets of figures. The judicial statistics, for example, show

the number of defendants definitely before the courts, while the FBI statistics give the number of offenses known to the police. Many persons charged with the violation of traffic and motor vehicle laws do not appear before the courts of general criminal jurisdiction, but are handled in inferior courts. The sheriffs, as a further example, report the number of prisoners received in the county jails during the year, and the majority of these cases never reach the courts which report on the major offenses.

The annual survey of municipal police departments in Colorado by the FBI indicates the relative strength of these law enforcement agencies in personnel in comparison with other cities of the country.

A section of this chapter on legal executions in Colorado, by years, carries comparative figures on the number of deaths by homicide as reported by the bureau of vital statistics for the same periods.

These surveys of law enforcement activities are discussed under separate headings which follow under "Uniform Crime Reports," "Judicial Criminal Statistics," "Prisoners in County Jails," "Municipal Police Departments," "Legal Executions," "Narcotic Law Operations" and "Marihuana Control."

### FEDERAL COURTS IN COLORADO

The state comprises a federal judicial district known as the District of Colorado. Headquarters are in the Postoffice building, Denver. J. Foster Symes, of Denver, appointed in 1922, is district judge. His salary is \$10,000 per year. The clerk of the court is G. Walter Bowman. Thomas J. Morrissey is district attorney and Arthur D. Fairbanks is marshal.

The court has sittings in Denver, Pueblo, Montrose, Grand Junction, Durango and Sterling. Dates for the beginning of terms of the court are as follows:

Denver, first Tuesday in May and first Tuesday in November.

Pueblo, first Tuesday in April

Montrose, third Tuesday in September.

Grand Junction, second Tuesday in September.

Durango, fourth Tuesday in September.

Sterling, second Monday in June.

Terms of court at Denver, Pueblo and Montrose are fixed by statute. Sessions at Grand Junction, Durango and Sterling are not necessary unless there is sufficient business upon the docket to justify them.

Denver is headquarters for the United States circuit court of appeals for the tenth circuit, which embraces Colorado, Wyoming, Kansas, Oklahoma, Utah and New Mexico. This circuit was created by congress in

1929 out of the eighth circuit, in which Colorado formerly was included. Four judges of the court are Alfred P. Murrah, of Oklahoma City, Okla.; Orle L. Phillips, of Denver, presiding judge; Sam G. Bratton, Albuquerque, N. M.; Walter A. Huxman, of Topeka, Kans.; and Robert L. Williams (retired), of Durant, Okla. Robert B. Cartwright is clerk of the court.

The sittings of the court are as follows: Fourth Monday in March at Oklahoma City, second Monday in January at Wichita, and second Monday in September at Denver, or as otherwise provided by order of court.

A table published herewith gives a record of cases before the district court and their disposition, by fiscal years.

**UNITED STATES DISTRICT COURT: SUMMARY OF CASES BEFORE THE COURT FOR THE COLORADO DISTRICT, BY FISCAL YEARS ENDING JUNE 30**

(Source: U. S. Attorney General)

Note—Statistics for fiscal year 1940, are not broken down by states.

|  | 1941       | 1939       | 1938       | 1937       | 1936       |
|--|------------|------------|------------|------------|------------|
| <b>Criminal cases:</b>   |            |            |            |            |            |
| Pending beginning of year  | 41         | 44         | 57         | 72         | 114        |
| Filed  | 147        | 226        | 176        | 193        | 236        |
| Terminated   | 158        | 238        | 189        | 208        | 278        |
| Convictions  | 137        | 212        | 164        | 151        | 218        |
| Pending end of year  | 30         | 32         | 44         | 57         | 72         |
| <b>Defendants in criminal cases</b>                                |            |            |            |            |            |
| Pending beginning of year  | 57         | 67         | 85         | 106        | 211        |
| Filed  | 443        | 313        | 253        | 306        | 364        |
| Terminated   | 236        | 336        | 271        | 327        | 469        |
| Pending end of year  | 264        | 44         | 67         | 85         | 106        |
| <b>U. S. Government civil cases:</b>                               |            |            |            |            |            |
| Pending beginning of year  | 37         | 59         | 54         | 57         | 109        |
| Filed  | 118        | 137        | 136        | 73         | 122        |
| Terminated   | 106        | 166        | 131        | 76         | 174        |
| Pending end of year  | 49         | 30         | 59         | 54         | 57         |
| <b>Disposition of defendants in criminal cases:</b>                |            |            |            |            |            |
| Guilty   | 202        | 278        | 221        | 212        | 322        |
| Not guilty   | 7          | 4          | 8          | 9          | 27         |
| Nolle Prosequi or discontinued                                     | 15         | 29         | 17         | 63         | 41         |
| Quashed or dismissed   | 11         | 25         | 25         | 43         | 76         |
| Other and unknown  | 1          | ..         | ..         | ..         | 3          |
| <b>Total</b>   | <b>236</b> | <b>336</b> | <b>271</b> | <b>327</b> | <b>469</b> |
| <b>Type of sentence of convicted defendants in criminal cases:</b> |            |            |            |            |            |
| Imprisonment only  | 101        | 126        | 98         | 99         | 51         |
| Imprisonment and fine  | 15         | 42         | 79         | 68         | 207        |
| Fine only  | 45         | 26         | 18         | 17         | 20         |
| Probation only   | 36         | 64         | 25         | 28         | 44         |
| <b>Probation to follow:</b>  |            |            |            |            |            |
| Imprisonment only  | 4          | 12         | 1          | ..         | ..         |
| Imprisonment and fine  | 1          | 7          | ..         | ..         | ..         |
| Other  | ..         | 1          | ..         | ..         | ..         |
| <b>Total</b>   | <b>202</b> | <b>278</b> | <b>221</b> | <b>212</b> | <b>322</b> |

### UNIFORM CRIME REPORTS

Recognizing the lack of and need for uniform crime records, a committee of the International Association of Chiefs of Police inaugurated on January 1, 1930, a system for collecting and compiling data on crime conditions in the United States. This work was taken over by the Federal Bureau of Investigation (FBI) of the United States department of justice on September 1, 1930, the police chiefs appointing an advisory committee to assist in the work.

Prior to the inauguration of this program statistics on crime conditions were of little practical value, due to the lack of any uniform system. Crime detection and punishment is handled by a variety of agencies, including federal, state, county and municipal authorities. There was no central agency to eliminate duplications, report upon disposition of prisoners and classify crimes according to type.

The federal bureau has undertaken the compiling of data on the basis of the number of "offenses known to the police." This term includes those crimes occurring within the police jurisdiction, whether they become known to the police through reports of police officers, citizens, prosecuting or court officials, or otherwise.

The police departments of the principal cities in Colorado cooperate with the bureau of investigation and supply monthly reports to that agency under the uniform classifications. The report for 1940 shows that 86.7 per cent of the urban police departments of Colorado and 77.8 per cent of the county sheriffs in the state were cooperating with the bureau. This is a higher percentage than for the United States as a whole, which reported 75.6 per cent of the urban police departments and 57 per cent of the county sheriffs cooperating. Figures are published, however, only when reporting has continued for a sufficient number of years to make the data comparable.

A table published herewith gives the rate per 100,000 population of offenses known to the police under the various classifications for the state and for the United States, with the number of offenses known to the police of Denver, Pueblo and Colorado Springs, by years.

Larceny and theft rank first among the known offenses in Colorado as well as in the nation, but the rate for this state has consistently been higher than in the nation as a whole for a number of years. In 1941 the 21 cities in Colorado reporting had a rate of 1,365.9 known offenses per 100,000 population

as against 994.0 for 2,109 cities in the nation.

Burglary, including breaking into or entering buildings, comes second and auto theft third, both in Colorado and the United States. Auto theft in Denver has shown a large decrease, going from a maximum of 1,586 known offenses in 1934 to a minimum of 464 in 1938. This decline was followed by increases in 1939, 1940 and 1941. Colorado Springs and Pueblo also report decreases in auto thefts as compared with years prior to 1938.

The FBI established a national police academy in 1935, in which a three months' course of instruction is offered local, county and state law enforcement officers who are selected because of their ability and experience. The Denver and Colorado Springs departments have graduates from the academy who are qualified to return to their own law enforcement agencies and impart the benefits of their training and instruction to the local personnel.

A summary of major crimes in 1941, which furnishes a basis for comparing Colorado cities with the country as a whole, discloses that the estimated number in the United States during the year was 1,531,272, an increase of 14,246 or 0.9 per cent over 1940.

Murder increased 0.3 per cent; negligent manslaughter, 3.5 per cent; rape, 2.2 per cent; aggravated assault, 4.0 per cent; larceny, 1.9 per cent; and auto theft, 7.0 per cent. Robbery decreased 6.7 per cent and burglary 4.4 per cent.

Average figures for cities divided according to size discloses several exceptions to the general proposition that the larger cities have the highest crime rates. Cities with 50,000 to 100,000 inhabitants reported more crimes of murder, aggravated assault and larceny per unit of population than the average city with more than 250,000 inhabitants.

During 1941, the average city with population of 50,000 to 100,000 experienced increases in all crime classes except burglary. With all cities divided into six groups on the basis of size, the number of auto thefts per unit of population showed an increase in each of the six groups.

With cities divided as to location, the 1941 crime record shows burglaries, larcenies and auto thefts committed most frequently in proportion to population in the Pacific states, whereas robberies, aggravated assaults and murder occurred most frequently in the east-south-central states.

**UNIFORM CRIME REPORT: RATE PER 100,000 POPULATION AND NUMBER OF OFFENSES KNOWN TO THE POLICE IN COLORADO AND UNITED STATES AND SPECIFIED CITIES, BY CALENDAR YEARS**

(Source: Federal Bureau of Investigation)

Note—These statistics are taken from the uniform crime reports of the Federal Bureau of Investigation. The term "offenses known to the police" includes crimes under the designated classifications occurring within the police jurisdiction, whether they become known to the police through reports of police officers, citizens, prosecuting or court officials or otherwise. Included are the number of attempted crimes of the designated classes, except that attempted murders are reported as aggravated assaults. Complaints found to be groundless upon investigation are not included.

| YEAR AND NUMBER OF CITIES REPORTING      | Murder, Non-Negligent Man-slaughter | Robbery | Aggravated Assault | Burglary, Breaking or Entering | Larceny—Theft | Auto Theft |
|--|-------------------------------------|---------|--------------------|--------------------------------|---------------|------------|
| COLORADO<br>(Rate)                       |                                     |         |                    |                                |               |            |
| 1933 (14).....                           | 6.6                                 | 149.8   | 15.7               | 769.2                          | 1,172.6       | 303.4      |
| 1934 (14).....                           | 5.4                                 | 155.8   | 20.3               | 784.3                          | 1,298.3       | 441.9      |
| 1935 (16).....                           | 7.0                                 | 113.1   | 21.2               | 617.7                          | 1,071.9       | 238.8      |
| 1936 (18).....                           | 7.5                                 | 53.7    | 17.5               | 317.3                          | 827.2         | 208.3      |
| 1937 (19).....                           | 4.9                                 | 65.9    | 22.2               | 407.5                          | 898.7         | 204.7      |
| 1938 (18).....                           | 4.1                                 | 58.7    | 19.9               | 305.3                          | 1,067.5       | 157.3      |
| 1939 (18).....                           | 3.7                                 | 36.5    | 16.1               | 310.8                          | 1,419.3       | 166.6      |
| 1940 (21).....                           | 3.1                                 | 51.6    | 18.3               | 344.1                          | 1,385.5       | 147.3      |
| 1941 (21).....                           | 2.7                                 | 55.0    | 19.7               | 395.0                          | 1,365.9       | 177.9      |
| UNITED STATES<br>(Rate)                  |                                     |         |                    |                                |               |            |
| 1933 (1,264).....                        | 7.1                                 | 102.5   | 50.7               | 379.2                          | 762.0         | 320.4      |
| 1934 (1,285).....                        | 6.7                                 | 81.6    | 49.4               | 334.8                          | 771.0         | 287.3      |
| 1935 (1,423).....                        | 6.0                                 | 66.4    | 45.7               | 310.0                          | 747.0         | 241.8      |
| 1936 (1,658).....                        | 6.2                                 | 55.7    | 46.2               | 311.5                          | 716.7         | 213.7      |
| 1937 (1,809).....                        | 6.1                                 | 59.3    | 45.5               | 325.4                          | 780.0         | 215.6      |
| 1938 (1,929).....                        | 5.3                                 | 59.3    | 44.5               | 340.2                          | 849.2         | 158.2      |
| 1939 (2,105).....                        | 5.4                                 | 55.2    | 46.5               | 349.6                          | 899.1         | 178.0      |
| 1940 (2,001).....                        | 5.4                                 | 52.5    | 45.8               | 348.4                          | 926.3         | 174.6      |
| 1941 (2,109).....                        | 5.5                                 | 49.4    | 48.4               | 332.0                          | 944.0         | 188.5      |
| DENVER<br>(Number of Offenses)           |                                     |         |                    |                                |               |            |
| 1932.....                                | 21                                  | 640     | 72                 | 2,472                          | 2,061         | 1,150      |
| 1933.....                                | 14                                  | 568     | 54                 | 2,783                          | 2,708         | 1,362      |
| 1934.....                                | 14                                  | 646     | 51                 | 2,845                          | 3,471         | 1,586      |
| 1935.....                                | 21                                  | 448     | 84                 | 2,360                          | 2,824         | 703        |
| 1936.....                                | 28                                  | 178     | 65                 | 1,050                          | 1,592         | 640        |
| 1937.....                                | 18                                  | 205     | 60                 | 1,323                          | 1,825         | 622        |
| 1938.....                                | 8                                   | 191     | 47                 | 829                            | 2,377         | 464        |
| 1939.....                                | 10                                  | 114     | 47                 | 677                            | 3,984         | 487        |
| 1940.....                                | 10                                  | 200     | 60                 | 1,140                          | 4,322         | 507        |
| 1941.....                                | 9                                   | 246     | 68                 | 1,520                          | 4,614         | 617        |
| PUEBLO<br>(Number of Offenses)           |                                     |         |                    |                                |               |            |
| 1930.....                                | (1)                                 | 74      | 11                 | 288                            | 500           | 242        |
| 1931.....                                | 4                                   | 53      | 12                 | 371                            | 637           | 201        |
| 1932.....                                | 5                                   | 57      | 10                 | 301                            | 671           | 205        |
| 1933.....                                | 1                                   | 63      | 12                 | 339                            | 748           | 181        |
| 1934.....                                | 6                                   | 52      | 7                  | 349                            | 524           | 176        |
| 1935.....                                | 3                                   | 37      | 8                  | 259                            | 476           | 124        |
| 1936.....                                | 4                                   | 39      | 7                  | 129                            | 70            | 66         |
| 1937.....                                | 2                                   | 46      | 20                 | 213                            | 392           | 106        |
| 1938.....                                | 8                                   | 40      | 19                 | 248                            | 524           | 100        |
| 1939.....                                | 2                                   | 18      | 5                  | 237                            | 402           | 85         |
| 1940.....                                | 1                                   | 50      | 22                 | 202                            | 480           | 65         |
| 1941.....                                | 3                                   | 31      | 25                 | 217                            | 525           | 124        |
| COLORADO SPRINGS<br>(Number of Offenses) |                                     |         |                    |                                |               |            |
| 1930.....                                | 1                                   | 11      | 2                  | 74                             | 491           | 93         |
| 1931.....                                | 3                                   | 18      | ...                | 59                             | 634           | 92         |
| 1932.....                                | 4                                   | 15      | ...                | 52                             | 767           | 104        |
| 1933.....                                | 2                                   | 12      | ...                | 76                             | 718           | 103        |
| 1934.....                                | ...                                 | 7       | ...                | 89                             | 647           | 91         |
| 1935.....                                | ...                                 | 8       | 2                  | 102                            | 562           | 78         |
| 1936.....                                | ...                                 | 6       | 4                  | 103                            | 585           | 67         |
| 1937.....                                | 1                                   | 5       | ...                | 126                            | 651           | 65         |
| 1938.....                                | ...                                 | 5       | 3                  | 106                            | 738           | 47         |
| 1939.....                                | 1                                   | 5       | 3                  | 156                            | 600           | 56         |
| 1940.....                                | 1                                   | 5       | ...                | 85                             | 676           | 53         |
| 1941.....                                | ...                                 | 1       | 2                  | 63                             | 476           | 52         |

**JUDICIAL CRIMINAL STATISTICS**

The need for a continuous record of the activities of law enforcement agencies was so clearly developed in numerous crime surveys conducted in various parts of the country in the last decade that the bureau of the census, under the authority of an act of congress inaugurated in 1930 an annual collection of uniform judicial criminal statistics by states. The first of these statistics were collected in 1932 in 16 states. Colorado was organized for participation in the annual survey in 1933 and the first state-wide statistics on the disposition of defendants in criminal cases became available for 1934. The survey statistics for Colorado are obtained through the voluntary cooperation of court clerks, who make their reports upon two uniform tally sheets, one of which relates to procedural disposition and the other to sentences imposed on convicted offenders. A state official supervises the collection of the data for the census bureau.

The statistics concern defendants who appear before courts of general criminal jurisdiction for the trial of felonies. No attempt is made to compile data on inferior courts such as justice, police and other courts which

hear only misdemeanor cases, although defendants who appeal from the decisions of the lower courts are included.

A summary of the disposition of defendants charged with major offenses divides the defendants into two classes—those eliminated without conviction and those convicted. Those eliminated include charges dismissed, jury waived and defendant acquitted by the court, acquitted by the jury and other non-penalty disposition. The summary for Colorado by calendar years is as follows:

| Year | Defendants Disposed of |           | Total |
|------|------------------------|-----------|-------|
|      | Without Conviction     | Convicted |       |
| 1935 | 518                    | 1,050     | 1,568 |
| 1936 | 451                    | 968       | 1,419 |
| 1937 | 388                    | 1,179     | 1,567 |
| 1938 | 273                    | 1,273     | 1,546 |
| 1939 | 334                    | 1,194     | 1,528 |
| 1940 | 273                    | 1,054     | 1,327 |

Three tables published herewith are as follows:

Table giving disposition of defendants charged with major criminal offenses in 1940, 1939, 1938 and 1937.

Table showing disposition of defendants in criminal cases by offenses in 1940 and 1939.

Table showing types of sentences imposed on defendants convicted of major offenses in calendar years.

**JUDICIAL CRIMINAL STATISTICS: DISPOSITION OF DEFENDANTS CHARGED WITH MAJOR CRIMINAL OFFENSES BEFORE THE DISTRICT COURTS OF COLORADO, BY CALENDAR YEARS**

(Source: Bureau of the Census)

Note—These data relate to cases before courts of general jurisdiction and do not include cases before inferior courts involving minor offenses, such as police and justice of the peace courts. Reports covered 99.2 per cent of state's population in 1940; 99.8 per cent in 1939 and 1938; 98.5 per cent in 1937.

|                                       | 1940         |              | 1939<br>Number | 1938<br>Number | 1937<br>Number |
|---------------------------------------|--------------|--------------|----------------|----------------|----------------|
|                                       | Number       | Per Cent     |                |                |                |
| <b>Eliminated without conviction:</b> |              |              |                |                |                |
| Dismissed                             | 202          | 15.2         | 243            | 168            | 266            |
| Jury waived, acquitted by court       | 5            | 0.4          | 1              | 5              | 4              |
| Acquitted by jury                     | 49           | 3.7          | 78             | 74             | 93             |
| Other no-penalty disposition          | 17           | 1.3          | 12             | 26             | 25             |
| <b>Total without conviction</b>       | <b>273</b>   | <b>20.6</b>  | <b>334</b>     | <b>273</b>     | <b>388</b>     |
| <b>Convicted:</b>                     |              |              |                |                |                |
| Plea of guilty                        | 956          | 72.0         | 1,065          | 1,093          | 1,006          |
| Court finds guilty                    | 10           | 0.8          | 9              | 32             | 5              |
| Jury verdict guilty                   | 88           | 6.6          | 120            | 148            | 168            |
| <b>Total convicted</b>                | <b>1,054</b> | <b>79.4</b>  | <b>1,194</b>   | <b>1,273</b>   | <b>1,179</b>   |
| <b>Total defendants disposed of</b>   | <b>1,327</b> | <b>100.0</b> | <b>1,528</b>   | <b>1,546</b>   | <b>1,567</b>   |

**JUDICIAL CRIMINAL STATISTICS: DISPOSITION OF DEFENDANTS IN  
CRIMINAL CASES IN COLORADO DISTRICT COURTS, BY OFFENSE  
AND BY CALENDAR YEARS**

(Source: Bureau of the Census)

| OFFENSE                                    | 1940               |                |                         | 1939                  |                |                         |
|--|--------------------|----------------|-------------------------|-----------------------|----------------|-------------------------|
|  | Without Conviction | Con-<br>victed | Total<br>Disposed<br>of | Without<br>Conviction | Con-<br>victed | Total<br>Disposed<br>of |
| <b>Major offenses:</b>                     |                    |                |                         |                       |                |                         |
| Murder .....                               | 19                 | 13             | 32                      | 17                    | 17             | 34                      |
| Manslaughter .....                         | 7                  | 25             | 32                      | 10                    | 19             | 29                      |
| Robbery .....                              | 9                  | 79             | 88                      | 14                    | 88             | 102                     |
| Aggravated assault.....                    | 18                 | 23             | 41                      | 18                    | 27             | 45                      |
| Burglary .....                             | 44                 | 250            | 294                     | 41                    | 306            | 347                     |
| Larceny, except auto theft.                | 67                 | 265            | 332                     | 89                    | 329            | 418                     |
| Auto theft.....                            | 11                 | 60             | 71                      | 12                    | 58             | 70                      |
| Embezzlement and fraud...                  | 41                 | 146            | 187                     | 40                    | 108            | 148                     |
| Stolen property, receiving,<br>etc. ....   | 5                  | 24             | 29                      | 1                     | 33             | 34                      |
| Forgery and counterfeiting                 | 7                  | 83             | 90                      | 18                    | 109            | 127                     |
| Rape .....                                 | 28                 | 48             | 76                      | 51                    | 50             | 101                     |
| Commercialized vice.....                   | ..                 | ..             | ..                      | ..                    | ..             | ..                      |
| Other sex offenses.....                    | 10                 | 28             | 38                      | 12                    | 35             | 47                      |
| Violating drug laws.....                   | ..                 | ..             | ..                      | 3                     | ..             | 3                       |
| Carrying, etc., weapons....                | ..                 | 1              | 1                       | ..                    | ..             | ..                      |
| Abortion .....                             | ..                 | ..             | ..                      | ..                    | 1              | 1                       |
| Arson .....                                | 2                  | 2              | 4                       | 6                     | 2              | 8                       |
| Bigamy .....                               | 1                  | 5              | 6                       | ..                    | 1              | 1                       |
| Blackmail and extortion...                 | ..                 | 1              | 1                       | ..                    | ..             | ..                      |
| Escape and jail break.....                 | 1                  | ..             | 1                       | ..                    | ..             | ..                      |
| Kidnaping .....                            | 2                  | ..             | 2                       | 1                     | 9              | 10                      |
| Perjury .....                              | 1                  | 1              | 2                       | 1                     | 2              | 3                       |
| Total, major offenses....                  | 273                | 1,054          | 1,327                   | 334                   | 1,194          | 1,528                   |
| <b>Other offenses*:</b>                    |                    |                |                         |                       |                |                         |
| Minor assault.....                         | 5                  | 10             | 15                      | 10                    | 23             | 33                      |
| Nonsupport or neglect.....                 | 25                 | 35             | 60                      | 30                    | 43             | 73                      |
| Violating liquor laws.....                 | 13                 | 15             | 28                      | 10                    | 20             | 30                      |
| Driving while intoxicated..                | 5                  | 7              | 12                      | 3                     | 6              | 9                       |
| Other motor-vehicle laws..                 | 1                  | 4              | 5                       | 4                     | 8              | 12                      |
| Disorderly conduct and vag-<br>rancy ..... | 1                  | 3              | 4                       | 1                     | 1              | 2                       |
| Gambling .....                             | 5                  | 9              | 14                      | 10                    | 29             | 39                      |
| All other offenses.....                    | 25                 | 42             | 67                      | 61                    | 30             | 91                      |
| Total, other.....                          | 80                 | 125            | 205                     | 129                   | 160            | 289                     |
| Total, all offenses.....                   | 353                | 1,179          | 1,532                   | 463                   | 1,354          | 1,817                   |

\*Most of these offenses are tried in minor courts not reporting to the census bureau.

**JUDICIAL CRIMINAL STATISTICS: TYPES OF SENTENCES IMPOSED ON DEFENDANTS CONVICTED OF MAJOR CRIMINAL OFFENSES IN THE DISTRICT COURTS OF COLORADO, BY CALENDAR YEARS**

(Source: Bureau of the Census)

| TYPE OF SENTENCE                           | 1940   |          | 1939<br>Number | 1938<br>Number | 1937<br>Number | 1936<br>Number |
|--|--------|----------|----------------|----------------|----------------|----------------|
|  | Number | Per Cent |                |                |                |                |
| Death .....                                | 1      | 0.1      | 5              | 4              | 3              | 2              |
| Prison or reformatory.....                 | 627    | 59.5     | 772            | 841            | 838            | 656            |
| Probation or suspended sen-<br>tence ..... | 371    | 35.2     | 348            | 321            | 249            | 216            |
| Local jails.....                           | 39     | 3.7      | 51             | 63             | 73             | 68             |
| Fine or costs only.....                    | 12     | 1.1      | 15             | 34             | 11             | 12             |
| Juvenile institutions.....                 | 4      | 0.4      | 3              | 10             | 5              | 11             |
| Total defendants sentenced                 | 1,054  | 100.0    | 1,194          | 1,273          | 1,179          | 965            |

**PRISONERS IN COUNTY JAILS**

An annual survey is made by the state planning commission to determine the number of prisoners received by the sheriffs in the county jails in fiscal years ending November 30, the distribution of same by sex, and the number in the jails at the close of the year. Included are all prisoners received, regardless of whether they have been tried or convicted, and among the number are those held for investigation, for drunkenness, disturbances and minor offenses. The large number received during a year and the comparatively small number at the close of the year indicate the short periods of their incarceration.

Of 12,456 prisoners received in county jails in 1941, there were 11,774 males and 682 females, the former accounting for 94.5 per cent of the total. This ratio has prevailed for a number of years with very slight variation. Twenty-one counties reported no female prisoners received during the year and 16 county jails were empty of all prisoners at the end of the year. There were 13,458 prisoners received during 1940, the decrease over that year in 1941 being 999 prisoners or 7.4 per cent.

The number of prisoners, by sex, received in county jails by counties reporting in fiscal years is as follows:

| Year       | Male   | Female | Total  | %<br>Female |
|------------|--------|--------|--------|-------------|
| 1925 ..... | 11,071 | 729    | 11,800 | 6.18        |
| 1926 ..... | 9,132  | 574    | 9,706  | 5.91        |
| 1927 ..... | 9,956  | 505    | 10,461 | 4.83        |
| 1928 ..... | 10,193 | 474    | 10,667 | 4.44        |
| 1929 ..... | 9,904  | 682    | 10,586 | 6.43        |
| 1930 ..... | 10,115 | 819    | 10,934 | 7.50        |
| 1931 ..... | 12,277 | 994    | 13,271 | 7.45        |
| 1932 ..... | 10,422 | 495    | 10,917 | 4.53        |
| 1933 ..... | 11,161 | 767    | 11,928 | 6.43        |
| 1934 ..... | 11,621 | 831    | 12,452 | 6.68        |
| 1935 ..... | 10,845 | 931    | 11,776 | 7.91        |
| 1936 ..... | 10,937 | 878    | 11,815 | 7.44        |
| 1937 ..... | 12,730 | 782    | 13,512 | 5.79        |
| 1938 ..... | 10,669 | 533    | 11,202 | 4.76        |
| 1939 ..... | 12,372 | 535    | 12,907 | 4.94        |
| 1940 ..... | 12,866 | 592    | 13,458 | 4.39        |
| 1941 ..... | 11,774 | 682    | 12,456 | 5.48        |

The number of prisoners in the county jails of the state on November 30, of the years named, as reported by the sheriffs, were as follows:

| Year      | Male  | Female | Total |
|-----------|-------|--------|-------|
| 1924..... | ...   | ..     | 847   |
| 1925..... | 518   | 41     | 559   |
| 1926..... | 492   | 29     | 521   |
| 1927..... | 676   | 43     | 719   |
| 1928..... | 604   | 43     | 647   |
| 1929..... | 471   | 25     | 496   |
| 1930..... | 849   | 64     | 913   |
| 1931..... | 571   | 48     | 619   |
| 1932..... | 550   | 48     | 598   |
| 1933..... | 502   | 18     | 520   |
| 1934..... | 516   | 15     | 531   |
| 1935..... | 478   | 29     | 507   |
| 1936..... | 660   | 33     | 693   |
| 1937..... | 1,065 | 53     | 1,118 |
| 1938..... | 509   | 24     | 533   |
| 1939..... | 1,104 | 51     | 1,155 |
| 1940..... | 588   | 30     | 618   |
| 1941..... | 609   | 36     | 645   |

**CRIME CONDITIONS: PRISONERS IN COUNTY JAILS, YEARS ENDING NOVEMBER 30**  
(Source: County Sheriffs)

| COUNTY      | Prisoners Received |        |        |        |        |        | Number of Prisoners at End of Year |      |       |      |
|-------------|--------------------|--------|--------|--------|--------|--------|------------------------------------|------|-------|------|
|             | 1941               |        |        | 1940   | 1938   | 1937   | 1941                               | 1940 | 1939  | 1938 |
|             | Male               | Female | Total  |        |        |        |                                    |      |       |      |
| Adams       | 365                | 12     | 377    | 341    | 345    | 370    | 14                                 | 10   | 7     | 10   |
| Alamosa     | 123                | 15     | 138    | 134    | 120    | 142    | 5                                  | 2    | 3     | ..   |
| Arapahoe    | 342                | 25     | 367    | 342    | 283    | 318    | 11                                 | 8    | 10    | 8    |
| Archuleta   | 27                 | 5      | 32     | 18     | 32     | (1)    | ..                                 | 1    | ..    | ..   |
| Baca        | 69                 | 7      | 76     | 47     | 36     | 36     | 1                                  | 4    | 3     | 8    |
| Bent        | 52                 | 9      | 61     | 94     | 71     | 65     | 7                                  | 6    | 5     | ..   |
| Boulder     | 125                | 4      | 129    | 351    | 555    | (1)    | 25                                 | 5    | 14    | 6    |
| Chaffee     | 43                 | 3      | 51     | 65     | 78     | 82     | 1                                  | 3    | 3     | 7    |
| Cheyenne    | 43                 | 4      | 47     | 32     | 36     | (1)    | 1                                  | 1    | 2     | 2    |
| Clear Creek | 53                 | 6      | 59     | 50     | 66     | 61     | 4                                  | ..   | 4     | 3    |
| Conejos     | 52                 | ..     | 52     | (1)    | 64     | (1)    | 1                                  | (1)  | 8     | ..   |
| Costilla    | 29                 | ..     | 29     | 62     | 75     | ..     | ..                                 | ..   | ..    | ..   |
| Crowley     | 9                  | ..     | 9      | 29     | 150    | 51     | ..                                 | ..   | ..    | 1    |
| Custer      | 21                 | ..     | 21     | 4      | 6      | ..     | ..                                 | ..   | 2     | ..   |
| Delta       | 64                 | 4      | 68     | 83     | 114    | 128    | 2                                  | 5    | 2     | 2    |
| Denver      | 5,015              | 251    | 5,266  | 5,526  | 4,895  | 4,880  | 339                                | 328  | 298   | 287  |
| Dolores     | 6                  | ..     | 6      | (1)    | 18     | ..     | ..                                 | (1)  | ..    | ..   |
| Douglas     | 35                 | ..     | 35     | 35     | 52     | 20     | 2                                  | ..   | ..    | ..   |
| Eagle       | 52                 | ..     | 52     | 35     | 66     | 60     | ..                                 | ..   | 1     | 4    |
| Elbert      | 11                 | ..     | 11     | 8      | 17     | 2      | 1                                  | 1    | ..    | ..   |
| El Paso     | 429                | 70     | 499    | 674    | 718    | 639    | 14                                 | 21   | 16    | 38   |
| Fremont     | 180                | 9      | 189    | 216    | 166    | (1)    | 5                                  | 2    | 6     | ..   |
| Garfield    | 89                 | 10     | 99     | 113    | 104    | (1)    | 6                                  | 9    | 3     | ..   |
| Gilpin      | 26                 | ..     | 26     | (1)    | 52     | ..     | ..                                 | (1)  | 2     | ..   |
| Grand       | 28                 | 1      | 29     | ..     | 61     | 25     | ..                                 | (1)  | 1     | 1    |
| Gunnison    | 47                 | ..     | 47     | 47     | 51     | 28     | 2                                  | 2    | 3     | ..   |
| Hinsdale    | ..                 | ..     | ..     | 5      | 6      | ..     | ..                                 | ..   | 6     | ..   |
| Huerfano    | 115                | 1      | 116    | 110    | 165    | 128    | 2                                  | 12   | 18    | 3    |
| Jackson     | ..                 | ..     | ..     | 1      | (1)    | 2      | ..                                 | ..   | (1)   | ..   |
| Jefferson   | 455                | 22     | 477    | 600    | 510    | 470    | 16                                 | 10   | 9     | 9    |
| Kiowa       | 4                  | ..     | 4      | 8      | 7      | ..     | ..                                 | ..   | 1     | ..   |
| Kit Carson  | 46                 | 2      | 48     | 34     | 76     | 57     | 1                                  | ..   | 1     | ..   |
| Lake        | 108                | 13     | 121    | 376    | 325    | 321    | 6                                  | 28   | 289   | 4    |
| La Plata    | 175                | 8      | 183    | 212    | 239    | 221    | 5                                  | 11   | 7     | ..   |
| Larimer     | 235                | 18     | 253    | 283    | 313    | 203    | 8                                  | 10   | 9     | 4    |
| Las Animas  | 389                | 24     | 413    | 530    | (1)    | 411    | 5                                  | 4    | (1)   | 12   |
| Lincoln     | 32                 | ..     | 32     | 11     | 49     | 18     | 3                                  | ..   | 3     | 1    |
| Logan       | 124                | 8      | 132    | 127    | 141    | 169    | 1                                  | 1    | 1     | 5    |
| Mesa        | 157                | 11     | 168    | 221    | 206    | (1)    | 2                                  | 3    | 8     | 10   |
| Mineral     | 1                  | ..     | 1      | 4      | 5      | 3      | ..                                 | ..   | ..    | ..   |
| Moffat      | 60                 | ..     | 60     | 50     | 52     | 4      | 60                                 | 45   | 48    | 4    |
| Montezuma   | 46                 | 4      | 50     | 55     | 58     | 90     | 5                                  | 5    | 4     | 4    |
| Montrose    | 116                | 10     | 126    | 118    | 123    | 109    | 4                                  | 1    | 4     | 11   |
| Morgan      | 207                | 10     | 217    | 197    | 172    | (1)    | ..                                 | ..   | 6     | 3    |
| Otero       | 224                | 14     | 238    | 236    | 277    | (1)    | 11                                 | 7    | 258   | ..   |
| Ouray       | 10                 | ..     | 10     | 9      | 25     | 43     | 2                                  | 1    | 2     | 1    |
| Park        | 14                 | 1      | 15     | 20     | 21     | 22     | 1                                  | 1    | ..    | ..   |
| Phillips    | 40                 | ..     | 40     | 44     | 46     | (1)    | 2                                  | 2    | 1     | ..   |
| Pitkin      | 6                  | 2      | 8      | ..     | ..     | (1)    | ..                                 | ..   | ..    | ..   |
| Prowers     | 112                | 4      | 116    | 121    | 138    | 202    | 6                                  | 4    | 5     | 8    |
| Pueblo      | 493                | 37     | 530    | 538    | 472    | 566    | 12                                 | 22   | 21    | 21   |
| Rio Blanco  | 23                 | 2      | 25     | 38     | 42     | 24     | 1                                  | ..   | ..    | 1    |
| Rio Grande  | 162                | 5      | 167    | 81     | 71     | 95     | 4                                  | ..   | 3     | 9    |
| Routt       | 53                 | 2      | 55     | 53     | 73     | 46     | 4                                  | 2    | 2     | 5    |
| Saguache    | 55                 | 3      | 58     | 99     | 154    | 136    | 1                                  | 1    | 4     | ..   |
| San Juan    | 1                  | ..     | 1      | 2      | 1      | ..     | ..                                 | ..   | ..    | ..   |
| San Miguel  | 12                 | ..     | 12     | 20     | 38     | 41     | 2                                  | 2    | 4     | 2    |
| Sedgwick    | 200                | 2      | 202    | 188    | 75     | 206    | 2                                  | 3    | 6     | 1    |
| Summit      | 13                 | ..     | 13     | 8      | 16     | 4      | ..                                 | 1    | ..    | ..   |
| Teller      | 124                | 4      | 128    | 153    | 139    | 128    | 9                                  | 5    | 2     | 3    |
| Washington  | 33                 | 2      | 35     | 27     | 19     | (1)    | ..                                 | ..   | ..    | ..   |
| Weld        | 566                | 29     | 595    | 549    | 608    | 557    | 28                                 | 27   | 39    | 33   |
| Yuma        | 28                 | 4      | 32     | 24     | 19     | 19     | 1                                  | 2    | 1     | 2    |
| State       | 11,774             | 682    | 12,456 | 13,458 | 12,907 | 11,202 | 645                                | 618  | 1,155 | 533  |

(1) Data not reported.

**MUNICIPAL POLICE DEPARTMENTS**

An annual survey of municipal police departments made by the Federal Bureau of Investigation (FBI) in connection with its uniform crime reports shows that in 1940 the average number of employees of the Denver police department was 412, of which 398 were police officers and 14 were civilian employees. This was equal to 1.23 employees per 1,000 population. Of 37 cities in the same population group, 28 carried a higher and eight a lower rate than Denver. The maximum in this group was Jersey City, N. J., with 3.37 per 1,000 inhabitants and the minimum was Birmingham, Ala., with a rate of 1.01.

Pueblo had an average of 47 employees, all of whom were police officers, and its rate was 0.90 per 1,000 inhabitants. Ninety-eight out of 106 cities in the same population group had a higher and seven had a lower rate than Pueblo, the maximum being 3.27 per 1,000 inhabitants for Hoboken, N. J., and the minimum was 0.67 for Arlington, Va.

Colorado Springs reported 36 employees, all of whom were police officers, and its rate was 0.98 per 1,000 inhabitants. Of 213 cities in this group reporting, 156 had a higher, four the same and 52 a lower rate than Colorado Springs, the maximum being 2.35 per 1,000 for Beverly Hills, Calif., and the minimum being 0.71 for Enid, Okla.

Other Colorado cities reporting were the following:

|                | Number Employees | Rate Per 1,000 |
|----------------|------------------|----------------|
| Boulder        | 8                | 0.62           |
| Fort Collins   | 10               | .82            |
| Grand Junction | 14               | 1.12           |
| Greeley        | 12               | .75            |
| Trinidad       | 10               | .76            |

**LEGAL EXECUTIONS**

Hanging was the legal means of executing criminals condemned to death in Colorado up to March 31, 1933, on which date an act of the legislature changed the method to lethal gas. Fifty-one legal executions took place in the state between November 6, 1890, and December 1, 1937. The number of homicides in the state is of interest in connection with the number of legal executions. The term "homicide" as here used includes murder, manslaughter, justifiable homicide and incendiaryism, but not legal executions.

The number of executions and homicides by years is as follows:

|                     | Executions | Homicides |
|---------------------|------------|-----------|
| 1890 (part of year) | 1          | (a)       |
| 1891                | 3          | (a)       |
| 1892                | 1          | (a)       |
| 1895                | 3          | (a)       |
| 1896                | 4          | (a)       |
| 1905                | 4          | (a)       |
| 1907                | 1          | (a)       |
| 1908                | 2          | (a)       |
| 1912                | 1          | (a)       |
| 1915                | 1          | (a)       |
| 1916                | 2          | (a)       |
| 1920                | 1          | 87        |
| 1922                | 1          | 114       |
| 1923                | 1          | 90        |
| 1924                | 1          | 100       |
| 1925                | 1          | 84        |
| 1926                | 2          | 69        |
| 1927                | 1          | 59        |
| 1928                | 2          | 59        |
| 1929                | 1          | 90        |
| 1930                | 7          | 88        |
| 1931                | 4          | 87        |
| 1932                | 2          | 85        |
| 1933                | 2          | 81        |
| 1934                | 1          | 77        |
| 1935                | 3          | 64        |
| 1936                | 1          | 82        |
| 1937                | 1          | 64        |
| 1938                | 1          | 57        |
| 1939                | 4          | 46        |
| 1940                | 1          | 52        |
| 1941                | 2          | ...       |
| Total               | 58         | (b)       |

(a) Data not available.

(b) For 20 years for which figures are available there were 34 legal executions and 1,535 homicides.

**FEDERAL CORRECTIONAL INSTITUTION**

The Federal Correctional Institution, located eight miles southwest of Denver, near Morrison, was opened on July 1, 1940. It is under the jurisdiction of the bureau of prisons of the United States department of justice and was built at a cost of approximately \$1,500,000 for the imprisonment of young first offenders between the ages of 17 and 25 who are sentenced to serve not more than 18 months, and a number of jail cases originating locally. It is one of six new institutions constructed at strategic points throughout the United States to aid the government in handling specific types of cases and to improve standards of treatment for short-term prisoners.

The institution is constructed of reinforced concrete in accordance with plans and specifications prepared by the procurement division of the treasury department. There is no wall about the institution, as the buildings are of the self enclosing type. It consists of two cellhouses and 10 dormitories, five of the latter being divided into individual rooms and classified as honor dormitories. Each of these units houses approximately 50 prisoners. Adequate exercise yards have been provided, as

well as a receiving building, a small hospital, a congregate dining room, assembly hall, class rooms, shop space and warehouse facilities.

The site upon which the institution was built originally comprised 420 acres, but subsequent to its completion an adjoining tract of 220 acres was purchased for \$20,800, and improved with structures and equipment for an institutional farm. It is operated as a part of the program for the betterment of the prisoners and affords a supply of farm products for the institution.

The medical and hospital personnel and facilities are furnished by the U. S. public health service. Each prisoner upon admission to the institution is given a thorough mental and physical examination, classified according to his character and the type of crime he has committed, and assigned to work and quarters in accordance with the findings of the classification committee. Those prisoners who do not fit into the program at Denver are transferred to some other federal institution.

The warden of the new institution is Dr. Robert P. Hagerman, who has been connected with the work of the U. S. bureau of prisons for the past twelve years.

**NARCOTIC LAW OPERATIONS**

All persons in the United States handling habit-forming drugs are required by the provisions of the Harrison narcotic law to obtain licenses. This gives the bureau of narcotics, in the United States treasury department, which now is in charge of narcotic activities, a close check on all operations in that business.

The enforcement of the law in Colorado is under the supervision of division headquarters at Denver, the division comprising Colorado, Utah, Wyoming, Arizona and New Mexico.

Registrations in Colorado under the act during the fiscal years ending on June 30 were as follows:

|      |       |
|------|-------|
| 1924 | 2,513 |
| 1930 | 4,680 |
| 1931 | 4,419 |
| 1932 | 4,432 |
| 1933 | 4,077 |
| 1934 | 4,342 |
| 1935 | 4,884 |
| 1936 | 4,498 |
| 1937 | 4,626 |
| 1938 | 4,433 |
| 1939 | 4,557 |
| 1940 | 4,524 |
| 1941 | 4,575 |

Distribution of the above permits for fiscal years ending June 30, 1938, to 1941, inclusive, is as follows:

|                   | 1941  | 1940  | 1939  | 1938  |
|-------------------|-------|-------|-------|-------|
| Wholesale dealers | 25    | 22    | 27    | 26    |
| Retail dealers    | 531   | 532   | 546   | 475   |
| Class 4*          | 1,749 | 1,693 | 1,676 | 1,691 |
| Class 5†          | 2,270 | 2,276 | 2,308 | 2,241 |

\*Physicians, dentists, veterinary surgeons, and other practitioners, and hospitals, sanatoria, etc.

†Dealers in and manufacturers of untaxed narcotic preparations.

Narcotic drugs and preparations, including opium, morphine, heroin, cocaine, etc., seized in the enforcement of the laws in Colorado by fiscal years ending June 30, were as follows:

|      | Ounces | Grains |
|------|--------|--------|
| 1924 | 128    | 417    |
| 1930 | 26     | 77     |
| 1931 | 13     | 371    |
| 1932 | 10     | 77     |
| 1933 | 3      | 16     |
| 1934 | 4      | 353.6  |
| 1935 | 2      | 285.1  |
| 1936 | 2      | 313.7  |
| 1937 | 1      | 9.9    |
| 1938 | 4      | 145.5  |
| 1939 | 1      | 19.8   |
| 1940 | 3      | 54     |
| 1941 | 2      | 382    |

Convictions, aggregate sentences and fines imposed for violations of the narcotic laws by fiscal years are as follows:

|      | Number Convictions | Aggregate Sentences, Years | Fines Imposed |
|------|--------------------|----------------------------|---------------|
| 1924 | 51                 | 27                         | \$ 2,215      |
| 1925 | 104                | 78                         | 17,875        |
| 1926 | 56                 | 27                         | 9,400         |
| 1927 | 49                 | 22                         | 1,385         |
| 1928 | 46                 | 58                         | 275           |
| 1929 | 43                 | 53                         | ....          |
| 1931 | 36                 | 81                         | 100           |
| 1932 | 29                 | 35                         | 500           |
| 1933 | 21                 | 23                         | 1,500         |
| 1934 | 22                 | 24                         | ....          |
| 1935 | 25                 | 44                         | 1,100         |
| 1936 | 16                 | 34                         | 3,100         |
| 1937 | 24                 | 28                         | 1,600         |
| 1938 | 20                 | +35                        | 3,120         |
| 1939 | 11                 | +14                        | 225           |
| 1940 | 9                  | 14                         | 705           |
| 1941 | 6                  | 7                          | ....          |

**MARIHUANA CONTROL**

Marihuana, which produces a narcotic effect and often causes the user to go berserk, is gradually disappearing from Colorado and in 1941 only 249 cigarets, 5 kilograms and 53 grams of bulk marihuana, and no seeds were obtained by federal officers in Colorado seizures. No seizures were reported in that year or 1940 by local and state officers. Before the enactment of the federal law in 1937 the use of the drug was showing a steady increase in the state. A table showing the results of operations is given on page 443. The drug is inhaled principally by smoking the resinous and crushed portions of the plant rolled into cigarets.

**MARIHUANA CONTROL: NUMBER AND QUANTITY OF SEIZURES AND OF GROWING PLANTS DESTROYED IN COLORADO, BY CALENDAR YEARS**

(Source: U. S. Bureau of Narcotics)

Note—The increasing growth of and traffic in marihuana (*Cannabis sativa*) resulted in congress passing an act approved August 2, 1937, placing the plant and its products, insofar as use for other than medicinal or scientific purposes is concerned, in substantially the same class as other contraband narcotic drugs. This enabled the bureau of narcotics of the United States treasury department to co-operate more fully with states already having control and prohibitive laws. Colorado is one of the states which controls production, possession and sale of the plant.

|  | 1941 | 1940 | 1939 | 1938 | 1937 |
|--|------|------|------|------|------|
| <b>BY FEDERAL OFFICERS</b>             |      |      |      |      |      |
| Number of seizures.....                | 81   | 43   | 58   | 59   | 15   |
| Cigarettes (number).....               | 249  | 273  | 230  | 258  | 80   |
| Bulk marihuana:                        |      |      |      |      |      |
| Kilograms .....                        | 5    | 3    | 2    | 73   | 1    |
| Grams .....                            | 53   | 28   | 133  | 350  | 906  |
| Marihuana seed:                        |      |      |      |      |      |
| Kilograms .....                        | ...  | ...  | ...  | 49   | ...  |
| Grams .....                            | ...  | 3    | ...  | 683  | ...  |
| Growing plants (number).....           | ...  | ...  | 163  | 38   | ...  |
| <b>BY STATE AND MUNICIPAL OFFICERS</b> |      |      |      |      |      |
| Number of seizures.....                | ...  | ...  | 2    | 1    | 15   |
| Cigarettes (number).....               | ...  | ...  | ...  | ...  | 83   |
| Bulk marihuana:                        |      |      |      |      |      |
| Kilograms .....                        | ...  | ...  | ...  | ...  | ...  |
| Grams .....                            | ...  | ...  | ...  | ...  | 283  |
| Marihuana seed:                        |      |      |      |      |      |
| Kilograms .....                        | ...  | ...  | ...  | ...  | ...  |
| Grams .....                            | ...  | ...  | ...  | ...  | ...  |
| Growing plants.....                    | ...  | ...  | 190  | 100  | 237  |

**Federal Activities in Colorado**

Regional and Local Representation in the State, Bureaus, Agencies and Administrative Offices in Denver, Federal Expenditures, Federal-Owned Properties, Pension Payments, United States Mint, Gold Stored in Denver, Public Works Administration, Works Projects Administration, Civilian Conservation Corps, Rural Electrification

DENVER is a center from which numerous activities of the United States government in western states are conducted, and this has led to the frequent characterization of the city as the western capital of the nation. Whether Denver has more agencies of the federal government located here than any other city outside of Washington, as has been claimed, is a matter almost impossible to determine. There is no doubt, however, that the city ranks near the top.

All of the general departments of the government, the heads of which are members of the President's cab-

inet, have bureaus or agencies in Denver with one exception. Those represented here are the departments of agriculture, commerce, interior, justice, labor, navy, postoffice, treasury, and war. The only exception is the department of state.

The records of the Office of Government Reports as of April 15, 1942, supplemented by subsequent changes up to July 1, 1942, show that there are 185 administrative offices of departments, bureaus and divisions of the federal government located in Denver and its immediate vicinity. These, with a few exceptions, are agencies of regular

establishments of the government which are on a permanent basis. This compares with 145 on April 1, 1940, and 134 on June 1, 1938, an increase of 27.6 per cent in two years and 38.1 per cent in four years.

The significance of this showing in relation to Denver's position as the western capital of the nation lies, however, in the territorial jurisdiction of the agencies rather than in the number. Of the 185 listed 134 or 72.4 per cent are national or regional in character and indicate the recognition in Washington of Denver as the principal administrative center for the western half of the United States. Only 51 or 27.6 per cent of the 185 agencies are local and state in jurisdiction.

Eight of the 185 agencies may be classed as general in character, their administrative jurisdiction extending over the entire area of the United States or are not limited by regional boundaries. Included under this classification is the bureau of reclamation field office, which covers all reclamation projects in the country under the jurisdiction of the government. The construction of the Boulder dam, the Bonneville and Grand Coulee projects and other undertakings of a similar nature were under the Denver office. The supervision of surveys of the general land offices is in charge of all surveys in the public land states and Alaska. The division of education and the reservation law enforcement agencies of the office of Indian affairs have jurisdiction over all Indian reservations in the United States. The others in this class, likewise, are not limited by regional boundaries.

The 134 offices in Denver classed as regional or national are those which include in their territory not only Colorado, but areas beyond the boundaries of the state. Fifty-five of these take in from two to four states and 79 cover five states or more. Included in the latter are those classed as general and others which embrace up to 24 states or whose areas are designated as the territory west of the Mississippi river or the western half of the United States. An accompanying table lists the federal departments, bureaus and agencies which have offices in Denver and its immediate vicinity and the territory which comes under the jurisdiction of each. These are arranged according to the general departments or independent offices of the government to which they are attached.

Statistics on the number of civilian employees in the government service are not broken down by cities, but the

bureau of labor statistics of the department of labor reports that there were 11,550 in Colorado as of June 30, 1941. Of that total 9,462 or 81.9 per cent were men and 2,088 or 18.1 per cent were women. There were 7,819 or 67.7 per cent in the classified service and 3,731 or 32.3 per cent unclassified. "Classified service" designates positions which are subject to the civil service act and rules requiring that appointments thereto be made through competitive examinations and certified by the civil service commission. Positions not subject to these provisions are termed "unclassified."

Between December 31, 1936, and June 30, 1941, there was an increase of 3,201 or 38.5 per cent in the number of civilian employees in the state, and from December 31, 1939, to June 30, 1941, the increase was 2,109 or 22.2 per cent. No report on civilian employees was compiled in 1940. The numbers on specified dates are as follows:

| Date                   | Number |
|------------------------|--------|
| December 31, 1936..... | 8,299  |
| December 31, 1937..... | 7,597  |
| December 31, 1938..... | 8,692  |
| December 31, 1939..... | 9,441  |
| June 30, 1941.....     | 11,550 |

The distribution of civil employees in the state on June 30, 1941, by departments and agencies, is as follows:

|                               | Number |
|-------------------------------|--------|
| Departments:                  |        |
| Treasury .....                | 725    |
| War .....                     | 2,278  |
| Justice .....                 | 151    |
| Postoffice .....              | 2,708  |
| Interior .....                | 2,303  |
| Agriculture .....             | 1,757  |
| Commerce .....                | 107    |
| Labor .....                   | 29     |
| Independent establishments:   |        |
| Civil Service commission..... | 55     |
| Federal Loan agency.....      | 55     |
| Federal Security agency.....  | 221    |
| Federal Works agency.....     | 471    |
| Selective Service system..... | 146    |
| Veterans administration.....  | 390    |
| Not distributed.....          | 154    |
| Total .....                   | 11,550 |

Colorado ranked 29th among the states, including the District of Columbia, in the number of civilian employees on June 30, 1941. This relative position among the states does not, however, detract from Denver's showing as the western capital of the country. The distinction is to be found in Denver's position as a regional administrative center and, therefore, this city is more comparable with Washington than with other large cities in which the number of employees do not indicate their jurisdictional authority. The report from which these statistics are obtained shows that there are more

than six employees in government service outside of Washington for every one in that city. Denver, with its 134 national and regional offices, of which 79 take in from five or more states to the region west of the Mississippi river, the entire country and in some instances Alaska and Hawaii, is an administrative center from which radiates authority over a very large area. Therefore, the Washington 6-to-1 ratio is more applicable to this city than any other. Since the number of employees in Denver is not segregated from the state total, the ratio cannot be statistically applied and are indicative only of the number coming under the jurisdiction of the Denver offices.

The amount paid to civilian employees in Colorado in salaries is not reported for all agencies. The average salary for employees of the treasury department is \$2,094 annually. For clerical work in the postoffice department, the average is \$1,869. The office of disbursements and the civil service commission gives an estimate of \$1,620 as a fair average for all departments and agencies. On the basis of the total number of employees on June 30, 1941, this would indicate an annual payroll in the state of approximately \$18,700,000.

The above references to employees and payroll do not include the personnel of military establishments, workers in defense industries, nor others connected with the war effort. War-time restrictions apply to the latter and any reference to them is omitted as a matter of national policy.

The federal government is by far the largest property owner in the state. The inventory value of its property in Colorado is not definitely known. Figures from official sources in some instances and unofficial estimates in others show, however, that the total is in excess of \$6,000,000,000 for land, buildings and assets in the Denver mint, but exclusive of military supplies, stores, equipment, etc.; of federal airway routes, land, buildings and equipment; of federal communications systems; and of operating funds of various government agencies. The items upon which the above total estimate is made include the following:

| Property   | Value     |
|--|-----------|
| Customs House (old).....\$                               | 694,585   |
| Customs House (new).....                                 | 1,952,903 |
| Denver postoffice.....                                   | 2,492,389 |
| Postoffices outside Denver..                             | 3,902,612 |
| Equipment, fixtures, gar-<br>ages, etc., of above (est.) | 500,000   |
| Terminal Annex (site only).                              | 200,000   |

| Property  | Value                  |
|---|------------------------|
| Denver Mint:  |                        |
| Building and site.....                                | 1,251,353              |
| Machinery, fixtures, equip-<br>ment .....             | 765,000                |
| Veterans Hospital.....                                | 3,000,000              |
| Fitzsimons General Hospital                           | 7,750,000              |
| Air Corps Technical School<br>(Lowry):                |                        |
| Construction .....                                    | 24,000,000             |
| Land and buildings dona-<br>ted by Denver.....        | 1,008,000              |
| Denver Ordnance plant....                             | 40,000,000             |
| Fort Logan.....                                       | 5,000,000              |
| Bureau of Prisons correc-<br>tional institution.....  | 1,500,000              |
| Cash assets in Denver Mint<br>(June 30, 1941).....    | 4,599,483,637          |
| National Parks and Monu-<br>ments .....               | 3,400,000              |
| Public domain unappropri-<br>ated and unreserved..... | 12,157,000             |
| National Forests.....                                 | 70,000,000             |
| Reclamation Projects (to<br>June 30, 1941).....       | 24,779,125             |
| John Martin Dam (to June<br>30, 1941).....            | 5,945,000              |
| Coal lands.....                                       | 722,450,000            |
| Indian lands.....                                     | 3,545,000              |
| Shale lands.....                                      | 21,000,000             |
| Oil reserves.....                                     | 3,173,000              |
| Power, water and other re-<br>serves .....            | 25,000,000             |
| War facilities not elsewhere<br>specified* .....      | 152,500,000            |
| <b>Total .....</b>                                    | <b>\$5,737,449,604</b> |

\*Estimate for lands and buildings, Camp Carson, Colorado Springs Air Corps unit, Pueblo Ordnance plant, Pueblo bomber school, Buckley air field, Medical Supply depot, Rocky Mountain Arsenal, Pando and Granada relocation center.

The inventory value of all property of the state government, including all cash balances, on June 30, 1940, as reported by the public examiner, was \$347,926,458, of which \$318,655,576 was in property and \$29,270,882 was in cash balances. This was equal to 6.1 per cent of the federal property, including cash assets in the mint. Omitting the cash balances of the state treasurer and the mint assets, the state property was equal to 30.6 per cent of the federal property.

Expenditures of the federal government in Colorado outside the administrative cost of regular establishments, departmental expenses, payroll of civil service employees and for national defense are among the largest of any single organization in the state. The total in the nine-year period from July 1, 1932, to June 30, 1941, as reported by the treasury department, and exclusive of the above-mentioned items, interest on the public debt and for airways and other services not broken down on a state basis, aggregated \$520,821,920. That amount includes grants within the state, but excludes loans, of which the total for the period named was \$168,667,722. Elsewhere in this volume will be found a more detailed explanation of these expenditures under "Federal Expenditures In Colorado."

**FEDERAL DEPARTMENTS, BUREAUS AND DIVISIONS WITH REGIONAL, STATE AND LOCAL ADMINISTRATIVE OFFICES IN DENVER AND VICINITY AS OF APRIL 15, 1942**

| Department, Bureau or Division                                  | Region or District  |
|---|---|
| <b>DEPARTMENT OF AGRICULTURE</b>                                |   |
| <b>Agricultural Conservation and Adjustment Administration:</b> |   |
| Division of information.....                                    | Ariz., Colo., Cal., Ida., Kans., Mont., Nev., N. Mex., N. Dak., Oregon, Utah, Wash., Wyo.                               |
| Soil Conservation service.....                                  | Northeastern Colorado.  |
| <b>Agricultural Marketing Administration:</b>                   |   |
| Distribution Branch, stamp plan.....                            | Colo., N. Mex., Wyo., Mont., Utah.  |
| Fruit and vegetable inspection service:                         |   |
| Local market programs.....                                      | Colo., Wyo., Utah., Nebr., Ida.   |
| <b>Market News service:</b>                                     |   |
| Livestock, meats and wool.....                                  | General western territory.  |
| Fruits and vegetables.....                                      | Territory between Kansas City and San Francisco.  |
| <b>Grading and Inspection:</b>                                  |   |
| Fruits and vegetables.....                                      | Colorado.   |
| Packers and Stockyards.....                                     | Colo., N. Mex., Utah, Wyo., Nebr.   |
| Grain and seed.....   | Local.  |
| Beans.....  | Colo., parts of N. Mex., Wyo.   |
| Hay.....  | Colo., Mont., parts of N. Mex., Wyo.  |
| <b>Bureau of Agricultural Economics:</b>                        |   |
| Division of Agricultural statistics.....                        | Colorado.   |
| Regional Livestock office.....                                  | Ariz., Calif., Colo., Ida., Kans., Mont., Nebr., Nev., Okla., N. Mex., So. Dak., N. Dak., Tex., Utah, Wash., Ore., Wyo. |
| <b>Agricultural Research Administration:</b>                    |   |
| <b>Bureau of Animal Industry:</b>                               |   |
| Field inspection division.....                                  | Colorado.   |
| Meat inspection division.....                                   | Local.  |
| Pathological division.....                                      | Western half of United States.  |
| Virus-serum control.....  | Local.  |
| <b>Bureau of Entomology and Plant Quarantine:</b>               |   |
| Division of Grasshopper control.....                            | Twenty-four states.   |
| <b>Farm Credit Administration:</b>                              |   |
| <b>Federal Land Bank:</b>                                       |   |
| Loan service.....   | Local.  |
| Real Estate service.....  | Local.  |
| <b>Production Credit Corp.:</b>                                 |   |
| Colorado Livestock Production Credit Association..              | Colorado.   |
| <b>Farm Security Administration:</b>                            |   |
| Water Conservation and Utilization program.....                 | 17 western states.  |
| <b>Region 10:</b>   |   |
| Regional director.....  | Colo., Wyo., Mont.  |
| Resettlement, migrant labor camps.....                          | Colo., Wyo., Mont.  |
| Rural Rehabilitation and tenant purchase.....                   | Colo., Wyo., Mont.  |
| Finance Region office.....                                      | Colo., Wyo., Mont.  |
| Regional Personnel Manager.....                                 | Colo., Wyo., Mont.  |
| Regional Business Manager.....                                  | Colo., Wyo., Mont.  |
| Office of Solicitor.....  | Colo., Wyo., Mont.  |
| Information division.....                                       | Colo., Wyo., Mont.  |
| District Engineer.....  | Colo., Wyo., Mont., N. Dak., S. Dak., Nebr.   |
| Regional Labor Relations Specialist.....                        | Colo., Wyo., Mont., N. Mex., Texas, Okla.   |
| Senior Medical Officer.....                                     | N. Dak., S. Dak., Nebr., Mont., Wyo., Colo., N. Mex., Tex., Okla.   |
| <b>Forest Service:</b>  |   |
| Rocky Mt. Division.....   | Colo., Kans., Nebr., S. Dak., Wyo.  |
| Office of Regional Attorney.....                                | General in western territory.   |
| <b>Surplus Marketing Administration:</b>                        |   |
| Audit division.....   | Colo., Wyo., N. Mex., Utah.   |
| <b>Purchase and Distribution division:</b>                      |   |
| District supervision.....                                       | Ariz., Calif., Colo., Ida., Mont., Nev., N. Mex., Ore., Utah, Wash., Wyo.   |
| Area supervision.....   | Local.  |
| Food stamp division.....  | Local.  |
| Commodity division.....   | Local.  |

**FEDERAL DEPARTMENTS, BUREAUS AND DIVISIONS WITH REGIONAL, STATE AND LOCAL ADMINISTRATIVE OFFICES IN DENVER AND VICINITY AS OF APRIL 15, 1942**  
 —Continued

| Department, Bureau or Division             | Region or District  |
|--|---|
| <b>DEPARTMENT OF AGRICULTURE—Continued</b> |   |
| War Relocation Authority:                  |   |
| Regional Headquarters.....                 | Colo., Wyo., N. Mex., N. Dak., S. Dak.,<br>Nebr., Kans.                                     |
| <b>DEPARTMENT OF COMMERCE</b>              |   |
| Bureau of Foreign and Domestic Commerce:   |   |
| District office.....                       | Colo., Wyo., and northern N. Mex.   |
| Bureau of the Census:                      |   |
| District office.....                       | Colo., Wyo., and northern N. Mex.   |
| Civil Aeronautics Administration:          |   |
| Air carrier section.....                   | District comprising parts of five<br>states.  |
| Airport division.....                      | Colo., Wyo., S. Dak.  |
| Airport Traffic control tower.....         | Local.  |
| Civilian Pilot Training.....               | Colo., western Kans., western Nebr.   |
| Airways Communications section.....        | General.  |
| Denver Airway Traffic control center:      |   |
| Field office, 5th region.....              | Colo., Wyo., Kans., Nebr., S. Dak.  |
| General Inspection section.....            | Colo., Wyo., western Kans.  |
| Reconstruction Finance Corporation:        |   |
| Manager's office.....                      | Colo., northern N. Mex.   |
| Defense Plant Corporation.....             | Colo., and adjoining area.  |
| Federal National Mortgage Association..... | Colo., and adjoining area.  |
| RFC Mortgage company.....                  | Colo., and adjoining area.  |
| Bureau of Standards.....                   | All states west of Mississippi river<br>except Calif., Wash., and Ore., and<br>part of Tex. |
| Weather Bureau.....                        | Colo., Wyo.   |
| <b>DEPARTMENT OF THE INTERIOR</b>          |   |
| Bituminous Coal Division.....              | Colo., Mont., Wash., Utah, Wyo., N.<br>Mex.   |
| Fish and Wildlife Service:                 |   |
| Regional office.....                       | Colo., Ariz., N. Mex., Okla., Tex.,<br>Utah, Wyo., Kans.                                    |
| Division of Game Management.....           | Colorado.   |
| Predator and Rodent Control.....           | Colorado.   |
| Division of Wildlife Research:             |   |
| Control Methods Research Laboratory.....   | United States and Hawaiian Islands.   |
| General Land Office:                       |   |
| Supervisor of Surveys.....                 | All public domain states and Alaska.  |
| District Land office.....                  | Denver public land district.  |
| District Cadastral Engineer.....           | Colo., Wyo., S. Dak., Nebr.   |
| Geological Survey:                         |   |
| Minerals Classification Division.....      | Rocky Mt. states from western Kans.<br>to central Nev. and Mexico to<br>Canada.             |
| Mining Division.....                       | Colo., Nebr., Kans., Ark., Ala., and<br>part of Wyo.  |
| Oil and Gas Leasing Division.....          | Colorado.   |
| Water and Power Division.....              | Colo., N. Mex., Wyo.  |
| Distribution office.....                   | Local.  |
| Water Resources Branch.....                | Colo., Nebr., and part of Wyo.  |
| Office of Indian Affairs:                  |   |
| Division of Education.....                 | All Indian reservations in United<br>States.  |
| Reservation Law Enforcement.....           | All Indian reservations in United<br>States.  |

**FEDERAL DEPARTMENTS, BUREAUS AND DIVISIONS WITH REGIONAL, STATE AND LOCAL ADMINISTRATIVE OFFICES IN DENVER AND VICINITY AS OF APRIL 15, 1942**  
—Continued

| Department, Bureau or Division                   | Region or District  |
|--|---|
| DEPARTMENT OF THE INTERIOR—Continued             |   |
| Bureau of Mines:                                 |   |
| Coal Mines Inspection Division.....              | Colo., N. Mex., Wyo., N. Dak., Nebr.  |
| Explosives control.....                          | All territory west of Mississippi river.  |
| Mineral Production and Economic.....             | Colo., Wyo., S. Dak., N. Mex., Tex., Alaska.  |
| Safety Division.....                             | Colo., Wyo., N. Mex., and parts of S. Dak. and Tex.   |
| National Park Service:                           |   |
| Office of Superintendent.....                    | Rocky Mountain National park.   |
| Office of Petroleum coordinator.....             | Colo., Wyo., Mont., Utah, Ida.  |
| Bureau of Reclamation.....                       | Field headquarters for United States.   |
| DEPARTMENT OF JUSTICE                            |   |
| Administrative Office of U. S. Courts:           |   |
| District Court.....                              | Colorado.   |
| Circuit Court of Appeals.....                    | Colo., Wyo., Kans., Okla., Utah, N. Mex.  |
| United States Commissioner.....                  | Local.  |
| District Attorney.....                           | Colorado.   |
| Bureau of Prisons:                               |   |
| Federal Correctional Institution.....            | General.  |
| Marshal.....                                     | Colorado.   |
| Probation Department.....                        | Colorado, Utah.   |
| Bureau of Investigation.....                     | Colorado, Wyoming.  |
| Antitrust Division.....                          | Colo., Wyo., Kans., Okla., Utah, N. Mex., Mont., Nebr., part of Tex.  |
| Immigration and Naturalization Service.....      | Colo., parts of Wyo. and Nebr.  |
| DEPARTMENT OF LABOR:                             |   |
| Wage and hour division.....                      | Colo., Wyo., part of Nebr.  |
| POST OFFICE DEPARTMENT                           |   |
| Denver Post Office and District Departments..... | Denver.   |
| Central Accounting Office.....                   | Colorado.   |
| Motor Vehicle Service.....                       | Denver.   |
| Post Office Inspection Service.....              | Colo., Wyo., N. Mex., Utah.   |
| Railway Mail Service.....                        | Colo., and parts of Wyo., Nebr., Kans. N. Mex.  |
| NAVY DEPARTMENT                                  |   |
| Coast Guard Recruiting sub-station.....          | Colo., southeastern Wyo.  |
| Marine Recruiting station.....                   | Colo., Wyo.   |
| Naval Intelligence.....                          | Colorado.   |
| Navy Recruiting Station.....                     | Colo. and part of Nebr.   |
| Resident Inspector of Naval Materials.....       | Regional, four states.  |
| Cost Inspector.....                              | Denver.   |
| DEPARTMENT OF THE TREASURY                       |   |
| Customs Service:                                 |   |
| Collector of Customs.....                        | Colorado.   |
| Fiscal Service:                                  |   |
| Bureau of Accounts.....                          | Colo., Wyo., N. Mex.  |
| Division of Disbursements.....                   | All of Region 10 of Farm Security Adm., Colorado only for WPA Colo., Wyo., and N. Mex. for regular establishments; and western states for the Reclamation service |

**FEDERAL DEPARTMENTS, BUREAUS AND DIVISIONS WITH REGIONAL, STATE AND LOCAL ADMINISTRATIVE OFFICES IN DENVER AND VICINITY AS OF APRIL 15, 1942**

—Continued

| Department, Bureau or Division                          | Region or District   |
|---|--|
| <b>DEPARTMENT OF THE TREASURY—Continued</b>             |  |
| Accounts and Collections.....                           | Colo., Wyo., Utah, Ida., Mont.   |
| Agent in charge.....                                    | Colo., Wyo., N. Mex.   |
| Alcohol Tax Unit.....                                   | Colo., Wyo., Utah, Ariz., N. Mex.  |
| Collector of Internal Revenue.....                      | Colorado.  |
| Intelligence Unit.....                                  | Colo., N. Mex., Wyo., Utah.  |
| Technical Staff western division.....                   | Colo., N. Mex., Wyo.   |
| Bureau of Narcotics.....                                | Colo., N. Mex., Wyo., Utah.  |
| Procurement Division.....                               | Colorado.  |
| Secret Service Division.....                            | Colo., N. Mex., Wyo., Utah.  |
| War Savings Staff.....                                  | Colorado.  |
| United States Mint.....                                 | General.   |
| <b>WAR DEPARTMENT</b>                                   |  |
| Colorado Recruiting District:                           |  |
| Recruiting and Induction Division.....                  | Colo., Wyo.  |
| Aviation Cadet Board.....                               | Seventh Corps area, Colo., Iowa, Kans., Minn., Mo., Nebr., N. Dak., S. Dak., Wyo.                      |
| Denver Ordnance Plant.....                              | Under St. Louis Ordnance District, Colo., Mo., Nebr., Kans., Ark., Tex., N. Mex., Okla.                |
| Finance Department U. S. Army.....                      | Colo., Wyo., north half Tex.   |
| Fourth District Air Force Training Command:             |  |
| Headquarters .....                                      | Fifteen states west of the Missouri river.   |
| Buckley Field.....                                      | Dist. 4 (same as above).   |
| Fort Logan.....   | Dist. 4 (same as above).   |
| Lowry Field.....  | Dist. 4 (same as above).   |
| Air Force Storage Depot.....                            | Dist. 4 (same as above).   |
| District Provost Marshal.....                           | Colorado.  |
| Rocky Mountain Arsenal.....                             | Under St. Louis Ordnance District.   |
| Fitzsimons General Hospital.....                        | General.   |
| Engineer Office.....                                    | Denver area.   |
| Denver Medical Depot.....                               | Western half of United States.   |
| Army Liaison Officer, war man-power commission:         |  |
| Region headquarters.....                                | Colo., Utah, Wyo., Mont., Ida., Ariz.  |
| <b>INDEPENDENT OFFICES</b>                              |  |
| Federal Communications Commission:                      |  |
| Regional Office.....                                    | Colo., Utah, Wyo.  |
| Federal Deposit Insurance Corporation:                  |  |
| Examiners Office.....                                   | Colorado.  |
| Federal Power Commission:                               |  |
| Regional Office.....                                    | Colo., Wyo., N. Mex., Tex., Okla., Kans., Nebr., Ark., La., and parts of Miss. and Mo.                 |
| Federal Reserve System:                                 |  |
| Denver branch, Federal Reserve Bank of Kansas City..... | Colo., and northern N. Mex.  |
| Federal Security Agency:                                |  |
| Committee on Apprenticeship.....                        | Alaska, Ariz., Calif., Colo., Territory of Hawaii, Ida., Mont., Nev., N. Mex., Ore., Utah, Wash., Wyo. |
| Food and Drug Administration.....                       | Colo., Wyo., N. Mex., Utah, portions of Tex., Mont., and Ida.  |
| National Youth Administration:                          |  |
| Western Field Office.....                               | Colo., Iowa, Kans., Minn., Mo., Mont., Nebr., N. Mex., N. Dak., Okla., S. Dak., Wyo.                   |
| State Office.....                                       | Colorado.  |
| Area Office.....  | Denver.  |
| Public Health Service, Dist. 8.....                     | Colo., Ida., Utah, Mont., Wyo., Ariz.  |

**FEDERAL DEPARTMENTS, BUREAUS AND DIVISIONS WITH REGIONAL, STATE AND LOCAL ADMINISTRATIVE OFFICES IN DENVER AND VICINITY AS OF APRIL 15, 1942**  
—Continued

| Department, Bureau or Division                      | Region or District  |
|---|---|
| INDEPENDENT OFFICES—Continued                       |   |
| Social Security Board:                              |   |
| Regional Director, Region 11.....                   | Colo., Ariz., Ida., Mont., Utah, Wyo.                           |
| Bureau of Research and Statistics.....              | Same as Region 11.  |
| Bureau of Employment Security:                      |   |
| Regional Representative.....                        | Same as Region 11.  |
| Division of Unemployment Compensation.....          | Colorado.   |
| U. S. Employment Service.....                       | Colorado.   |
| Bureau of Public Assistance.....                    | Same as Region 11.  |
| Bureau of Old Age and Survivors Insurance.....      | Same as Region 11.  |
| Regional Attorney.....                              | Same as Region 11.  |
| Regional Auditor.....                               | Same as Region 11.  |
| Regional Labor Supply Committee.....                | Same as Region 11.  |
| Regional Referee.....                               | Same as Region 11.  |
| Auditor.....  | Colorado.   |
| Information Service.....                            | Same as Region 11.  |
| Training within Industry Service.....               | Colo., Wyo., Utah.  |
| Federal Works Agency:                               |   |
| Local Public Works Programming Office.....          | Colo., Wyo.   |
| Public Buildings Administration.....                | Local.  |
| Public Roads Administration.....                    | Colo., N. Mex., Wyo.  |
| Works Projects Admin. station:                      |   |
| State office.....                                   | Colorado.   |
| District office.....                                | Local.  |
| District Supply Section.....                        | Colorado.   |
| Interstate Commerce Commission:                     |   |
| Bureau of Locomotive Inspection.....                | Colo., and parts of Wyo., Nebr., S. Dak.                        |
| Bureau of Motor Carriers.....                       | Colo., Wyo., N. Mex.  |
| Service Bureau.....                                 | Colo., Wyo., and parts of adjoining states.                     |
| Bureau of Valuation.....                            | Colo., Wyo., Utah, Ariz., N. Mex., and part of Tex.             |
| National Housing Agency:                            |   |
| Federal Housing Administration.....                 | Colorado.   |
| Federal Public Housing Authority:                   |   |
| Denver Housing Authority.....                       | Denver.   |
| National Labor Relations Board:                     |   |
| Director, Region 22.....                            | Colo., Mont., N. Mex., Utah, Wyo.                               |
| National Resources Planning Board:                  |   |
| Office Region 7.....                                | Colo., Wyo., N. Mex.  |
| Office of Emergency Management:                     |   |
| Central Administrative Service.....                 | Colo., Ida., Mont., N. Mex., Utah, Wyo.                         |
| Division of Information.....                        | Colo., Ida., Mont., N. Mex., Utah, Wyo.                         |
| Office of Price Administration:                     |   |
| Denver Regional Office.....                         | Colo., Wyo., N. Mex., Utah, Ida., Mont.                         |
| State Rationing Administrator.....                  | Colorado.   |
| War Production Board:                               |   |
| Division of Industry Operations.....                | Colo., N. Mex., Wyo., Utah.                                     |
| Priorities Branch.....                              | Colo., N. Mex., Wyo., Utah.                                     |
| Bureau of Industrial Conservation.....              | Colo., N. Mex., Wyo., Utah.                                     |
| Special Projects Salvage Section.....               | Colo., Wyo., Mont., Utah, N. Mex., western Nebr., southern Ida. |
| Labor Relations branch.....                         | Colo., N. Mex., Nev., Wyo., Mont., Ida., Utah, Ariz.            |
| Minority Groups branch.....                         | Colo., N. Mex., Nev., Wyo., Mont., Ida., Utah, Ariz.            |
| Production division.....                            | Colorado.   |
| Office of Government Reports.....                   |   |
| Colorado.....                                       | Colorado.   |
| Railroad Retirement Board:                          |   |
| Regional office.....                                | Colo., Utah, Wyo., parts of Ariz., Ida., Kans., Nebr., N. Mex.  |
| District office.....                                | Colo., and parts of Wyo., Ariz., Kans., Nebr., N. Mex.          |
| Securities and Exchange Commission.....             |   |
| Colo., N. Mex., Nebr., N. Dak., S. Dak., Utah, Wyo. | Colo., N. Mex., Nebr., N. Dak., S. Dak., Utah, Wyo.             |
| Civil Service Commission.....                       |   |
| Colo., N. Mex., Utah, Wyo.                          | Colo., N. Mex., Utah, Wyo.                                      |
| Veterans Admn.....                                  |   |
| Colorado.   | Colorado.   |

## FEDERAL EXPENDITURES IN COLORADO

Expenditures of the United States government flow into Colorado from the federal treasury through numerous channels and the complexity of the system involved in the distribution of funds makes it almost impossible to arrive at a grand total which is all-inclusive and devoid of duplication. There are, however, figures available which give an accurate index of the vast sums involved.

The treasury department annually compiles a table of federal expenditures which are available on a state breakdown basis. These include disbursements made for the accounts of various departments and bureaus under congressional appropriations. The total for Colorado in the fiscal year ending June 30, 1941, under this compilation, amounted to \$69,821,000. The aggregate from July 1, 1932, to June 30, 1942, was \$520,921,920.

The above totals are exclusive of expenditures on airway routes and such services which are not available on a state breakdown basis; the construction and administration of war facilities and the production of munitions in the war program; departmental expenses, under which comes the payroll of civilian employees; transfers to trust funds, such as the state unemployment compensation fund; and interest payments on the public debt.

In addition to the sums named above, the report also gives the amounts of loans made in the state under federal activities, but which are not included under expenditures because they are repayable. The total for such loans in the fiscal year of 1941 was \$20,126,000, and the aggregate from 1933 to 1941, inclusive, was \$168,667,720.

A table published herewith gives a summary of these disbursements and loans, by departments and bureaus, for 1941, 1940 and for 1933 to 1939, inclusive, and grand totals for the nine years combined.

Included in the state breakdown of expenditures are certain items representing sums payable to the state out of federal revenues from the administration of federal areas. Among these are payments out of receipts from the national forests, royalties from production on mineral lands and certain trust funds. Others are payments out of appropriations for federal aid to states in which federal funds are matched with state funds in cooperative activities. These payments go directly from the treasury department to the state treasurer and in some instances the latter distributes the payments among the

counties. The direct payments to the state in the 1941 fiscal year amounted to \$11,939,895. The distribution of that amount by agencies and by fiscal years is shown in an accompanying table.

The administrative costs of departments, bureaus and agencies within the state, including payroll for civilian employees, are not indicated in any of the foregoing data, and are not available in any complete form. The activities of most of the governmental departments do not conform to state lines and the distribution of costs by states is next to impossible. One of the nearest approaches to a distribution on a state base is that of the post-office department, and that includes only the principal items. This total for the 1941 fiscal year for Colorado was \$5,422,504. The several activities of the treasury department within the state, exclusive of such items as interest and principal on the public debt and others not susceptible of a state breakdown, are shown in an accompanying table to the extent that the information is available. It gives a total of \$1,529,866 for administrative expenses of the department within the state in 1941. The estimated payroll of all federal civilian employees within the state in 1941, including the post-office and treasury departments employees, is \$18,700,000. This last named figure, however, does not include any other administrative costs.

Over and above all items herein listed are the expenditures for the war program, about which the publication of information is restricted. It may be stated, however, that contracts for construction and installation in the two years ending June 30, 1942, amounted to around \$280,000,000 within the state, exclusive of the production of war materials.

The federal government's revenues from Colorado come principally through tax collections made by the bureau of internal revenue. These collections from the Colorado district for the nine-year period corresponding to the period in which \$520,821,920 was expended aggregate \$213,100,419. The excess of expenditures over revenues in the period is \$307,721,501 as shown by the two sets of figures. Neither, however, are all inclusive, as the government receives in the aggregate large sums of money from within the state from the operation of departments such as the customs department, the national forests, the post-offices, and others, receipts from which do not go through the bureau of revenue. Sources of internal revenue are shown on pages 296 to 312, inclusive.

**FEDERAL EXPENDITURES IN COLORADO: EXPENDITURES OF THE SEVERAL ACTIVITIES OF THE UNITED STATES TREASURY DEPARTMENT IN COLORADO, BY FISCAL YEARS ENDING JUNE 30**

(Source: U. S. Treasury Department)

Note—The figures in this table include only those administrative expenditures under each Treasury activity susceptible of distribution on state lines and do not exhibit all the expenditures by the Treasury in Colorado. Items such as payment of interest and principal under public debt, certain administrative expenses in Washington, and certain other expenditures not susceptible to distribution are excluded.

| ACTIVITY                                       | 1941                  | 1940                  | 1939                  | 1938                  |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
| Administrative expenses, emergency relief..... | \$ 70,046.96          | \$ 75,398.76          | \$ 146,330.52         | \$ 178,337.57         |
| Division of Disbursement.....                  | 45,706.33             | 37,233.38             | 31,986.46             | 30,139.00             |
| Coast Guard.....                               | 19,701.49             | 418.35                | 337.13                | 158.85                |
| Bureau of Customs.....                         | 22,867.69             | 21,638.98             | 25,492.92             | 21,769.00             |
| Bureau of the Mint.....                        | 694,580.31            | 397,525.54            | 357,810.40            | 388,239.00            |
| Bureau of Internal Revenue.....                | 599,354.31            | 572,700.15            | 561,173.80            | 503,552.81            |
| Bureau of Narcotics.....                       | 14,900.00             | 11,900.00             | 12,400.00             | 11,800.00             |
| Bureau of the Public Debt.....                 | 112.90                | .....                 | .....                 | .....                 |
| Procurement Division.....                      | 51,468.30             | 56,020.43             | 606,236.02            | 348,862.26            |
| Secret Service Division.....                   | 11,127.49             | 12,634.37             | 17,432.36             | 18,902.41             |
| Public Health Service.....                     | .....                 | .....                 | 123,788.48            | 106,573.32            |
| <b>Total</b> .....                             | <b>\$1,529,865.78</b> | <b>\$1,185,469.96</b> | <b>\$1,883,038.09</b> | <b>\$1,608,334.22</b> |

**FEDERAL EXPENDITURES IN COLORADO: EXPENDITURES MADE BY THE GOVERNMENT AS DIRECT PAYMENTS TO THE STATE UNDER CO-OPERATIVE ARRANGEMENTS, IN FISCAL YEARS ENDING JUNE 30**

(Source: Secretary of the Treasury)

Note—This table gives amounts of payments made directly to Colorado under appropriations for federal aid to states as shown by the records of the treasury department and does not include expenditures within the state made by other departments and bureaus. The latter are included in a separate table showing all federal expenditures. Items included here comprise payments out of receipts from the mineral leasing act, grazing acts, 5% of proceeds of public lands receipts, payments to counties from receipts under the migratory bird conservation act, grants to the state under the social security act, co-operative construction work, etc.

|   | 1941                   | 1940                   | 1939                   | 1938                   |
|---|------------------------|------------------------|------------------------|------------------------|
| <b>Under Department of Agriculture:</b>                                       |                        |                        |                        |                        |
| Agricultural experiment stations.....   | \$ 112,430.96          | \$ 112,430.96          | \$ 109,627.09          | \$ 106,823.22          |
| Agricultural extension work.....  | 211,338.52             | 211,338.52             | 211,339.38             | 212,270.25             |
| Forest funds, etc.....  | 110,152.78             | 125,992.53             | 125,295.56             | 131,220.98             |
| Roads and trails.....   | 145,950.14             | 165,225.69             | .....                  | .....                  |
| Payments to counties from sub-marginal land program.....                      | 2,067.46               | 355.55                 | .....                  | .....                  |
| <b>Under Department of Interior:</b>  |                        |                        |                        |                        |
| Wildlife restoration.....   | 22,617.41              | 29,916.09              | 22,438.53              | .....                  |
| Payments from receipts under Mineral Leasing Act.....                         | 45,707.96              | 48,852.42              | 56,504.55              | .....                  |
| Payments under certain special funds .....                                    | 4,403.92               | 19,447.66              | 18,690.17              | 16,860.95              |
| <b>Under Independent Offices:</b>   |                        |                        |                        |                        |
| Payments to States under Federal Water Power Act.....                         | 548.09                 | 509.29                 | 502.72                 | 528.57                 |
| State and territorial homes for disabled soldiers and sailors....             | 22,948.47              | 17,046.26              | 11,508.17              | 10,198.90              |
| <b>Under Federal Security Agency:</b>   |                        |                        |                        |                        |
| Colleges for agriculture and mechanic arts.....                               | 82,666.96              | 82,666.96              | 82,666.96              | 78,444.64              |
| <b>Office of Education:</b>   |                        |                        |                        |                        |
| Cooperative vocational education and rehabilitation.....                      | 200,196.74             | 200,251.37             | 192,040.32             | 198,713.71             |
| Other .....   | 1,382.26               | 746.30                 | 1,331.17               | 27.55                  |
| To promote education of the blind, American Printing House for the Blind..... | 915.55                 | 1,057.69               | 1,509.77               | 708.75                 |
| Bureau of Employment Security.....  | 26,000.00              | 443,776.25             | 47,328.94              | 50,512.23              |
| Payments to States under Social Security Act.....                             | 9,177,027.37           | 8,849,748.06           | 7,214,387.27           | 6,494,225.68           |
| <b>Under Federal Works Agency:</b>  |                        |                        |                        |                        |
| Public roads, highways.....   | 1,773,540.88           | 2,700,563.00           | 2,524,997.00           | 2,681,246.91           |
| <b>Total direct payments.....</b>   | <b>\$11,939,895.47</b> | <b>\$13,009,924.60</b> | <b>\$10,620,167.60</b> | <b>\$ 9,981,782.34</b> |

**FEDERAL EXPENDITURES IN COLORADO: LOANS CLOSED, LOANS INSURED, AND EXPENDITURES, IN FISCAL YEARS ENDING JUNE 30, 1941 AND 1940, AND AGGREGATES FOR FISCAL YEARS 1933 TO 1939, INCLUSIVE**

(Source: Office of Government Reports)

Note—This table contains federal expenditures which are available on a state breakdown basis, and does not include expenditures for construction of war facilities, such as air corps schools, army cantonments, training centers, etc., and the manufacture of munitions; departmental expenses, under which comes the payroll for civil service employees; transfer to trust accounts, such as the state unemployment compensation fund; interest payment on the public debt, and other purposes. Loans listed are repayable. Expenditures include grants and payments which are not repayable.

|  | 1941                 | 1940                 | Total<br>1933-1939<br>(Inclusive) | Grand<br>Total       |
|--|----------------------|----------------------|-----------------------------------|----------------------|
| <b>LOANS</b>                                 |                      |                      |                                   |                      |
| Department of Agriculture:                   |                      |                      |                                   |                      |
| Farm Credit Admn.....                        | \$ 13,202,000        | \$ 10,770,000        | \$ 66,779,412                     | \$ 90,751,412        |
| Commodity Credit Corp. <sup>2</sup> .....    | 2,164,000            | 1,631,000            | 771,639                           | 4,566,639            |
| Farm Sec. Admn.....                          | —10,000              | 2,743,000            | 11,309,125                        | 14,042,125           |
| Farm tenant purchase.....                    | 381,000              | 289,000              | 301,264                           | 971,264              |
| Rural Electric Admn.....                     | 1,503,000            | 1,530,000            | 1,192,553                         | 4,225,553            |
| Federal Reserve board <sup>3</sup> .....     | 2,332,000            | 24,000               | 266,000                           | 2,622,000            |
| Public Works Admn.....                       | 165,000              | 166,000              | 1,548,781                         | 1,879,781            |
| Federal Loan Agency:                         |                      |                      |                                   |                      |
| Reconstruction Finance Corp....              | 199,000              | 317,000              | 21,857,124                        | 22,373,124           |
| Disaster Loan Corp.....                      | .....                | .....                | 800                               | 800                  |
| Home Owners Loan Corp. <sup>4</sup> .....    | .....                | 385,000              | 23,235,524                        | 23,620,524           |
| HOLC and treasury.....                       | 190,000              | .....                | 3,424,500                         | 3,614,500            |
| <b>Total loans.....</b>                      | <b>\$ 20,126,000</b> | <b>\$ 17,855,000</b> | <b>\$130,686,722</b>              | <b>\$168,667,722</b> |
| <b>INSURED LOANS</b>                         |                      |                      |                                   |                      |
| Federal Loan Agency (Federal Housing Admn.): |                      |                      |                                   |                      |
| Title I <sup>5</sup> .....                   | \$ 2,466,000         | \$ 1,621,000         | \$ 4,711,585                      | \$ 8,798,585         |
| Title II <sup>5</sup> .....                  | 9,232,000            | 7,408,000            | 14,031,668                        | 30,671,668           |
| Title VI <sup>5</sup> .....                  | 437,000              | .....                | .....                             | 437,000              |
| <b>Total loans insured<sup>5</sup>.....</b>  | <b>\$ 12,135,000</b> | <b>\$ 9,029,000</b>  | <b>\$ 18,743,253</b>              | <b>\$ 39,907,253</b> |
| <b>EXPENDITURES</b>                          |                      |                      |                                   |                      |
| Department of Agriculture:                   |                      |                      |                                   |                      |
| Agricultural Adjust. Admn.....               | \$ 10,221,000        | \$ 11,083,000        | \$ 41,806,752                     | \$ 63,110,752        |
| Farm Security Admn.:                         |                      |                      |                                   |                      |
| Rural Rehabilitation <sup>6</sup> .....      | 913,000              | 1,049,000            | *4,671,064                        | 6,633,064            |
| Resettlement project <sup>7</sup> .....      | 73,000               | 83,000               | .....                             | 156,000              |
| Surplus Marketing Admn.....                  | 2,641,000            | 878,000              | 1,718,728                         | 5,237,728            |
| Soil Conservation Service:                   |                      |                      |                                   |                      |
| Regular program.....                         | 553,000              | 805,000              | 2,410,528                         | 3,768,528            |
| Land utilization.....                        | 375,000              | 1,153,000            | 231,943                           | 1,759,943            |
| Other agricultural <sup>8</sup> .....        | 662,000              | 697,000              | 5,970,247                         | 7,329,247            |

\*Resettlement projects included in rural rehabilitation. <sup>1</sup>In addition State and/or local bodies participate financially in this program. <sup>2</sup>Includes commitments. <sup>3</sup>Industrial advances and commitments under Section 13b of the Federal Reserve Act of June 19, 1934. <sup>4</sup>HOLC lending period closed June, 1936. Advances made only to its own borrower and vendee accounts. <sup>5</sup>Not Federal loans but insurance of private loans. <sup>6</sup>Grants. <sup>7</sup>Liquidation and management of Resettlement Projects. <sup>8</sup>Includes Agricultural Experiment Stations; Agricultural Extension Work; Forest Service (roads); Forest Funds, and Colleges of Agricultural and Mechanical Arts. <sup>9</sup>Camp distribution of total expenditures aggregated by States on the basis of the number of camps located therein. <sup>10</sup>Encumbrances. <sup>11</sup>Annual contributors to local authorities to maintain USHA-aided projects. <sup>12</sup>Regular appropriation expenditures for sites, construction and major alterations of public buildings. <sup>13</sup>For National Defense Housing from funds transferred to Public Buildings Administration from the War Department. <sup>14</sup>For National Defense Housing authorized by the Lanham Act. <sup>15</sup>Includes Wildlife Restoration Mineral Lease Act Payments; Special Funds; Federal Water Power Act Payments; Homes for Disabled Soldiers and Sailors; Vocational Education and Rehabilitation; and Books for the Blind.

**FEDERAL EXPENDITURES IN COLORADO: LOANS CLOSED, LOANS INSURED, AND EXPENDITURES, IN FISCAL YEARS ENDING JUNE 30, 1941 AND 1940, AND AGGREGATES FOR FISCAL YEARS 1933 TO 1939, INCLUSIVE—Continued**

|   | 1941          | 1940          | Total<br>1933-1939<br>(Inclusive) | Grand<br>Total |
|---|---------------|---------------|-----------------------------------|----------------|
| Federal Security Agency:                      |               |               |                                   |                |
| Civilian Conservation Corps <sup>9</sup> .... | \$ 7,139,000  | \$ 6,242,000  | \$ 42,764,170                     | \$ 56,145,170  |
| National Youth Admn. <sup>10</sup> .....      | 1,371,000     | 991,000       | 841,996                           | 3,203,996      |
| Social Security Board:                        |               |               |                                   |                |
| Social Security Act <sup>11</sup> .....       | 8,610,000     | 8,337,000     | 19,543,124                        | 36,490,124     |
| U. S. Employment service....                  | 467,000       | 448,000       | 747,985                           | 1,662,985      |
| Public Health.....                            | 13,000        | 147,000       | .....                             | 160,000        |
| Office of Education:                          |               |               |                                   |                |
| Training of Defense workers.                  | 531,000       | .....         | .....                             | 531,000        |
| Federal Works Agency:                         |               |               |                                   |                |
| Public Roads Admn. <sup>12</sup> .....        | 2,305,000     | 3,504,000     | 28,780,718                        | 34,589,718     |
| U. S. Housing Authority <sup>13</sup> .....   | .....         | .....         | 2,418                             | 2,418          |
| Public Works Admn.:                           |               |               |                                   |                |
| Federal.....                                  | 1,472,000     | 2,993,000     | 7,786,180                         | 12,251,180     |
| Non-federal <sup>14</sup> .....               | 815,000       | 4,553,000     | 13,930,581                        | 19,298,581     |
| Public Building Admn.:                        |               |               |                                   |                |
| Regular <sup>15</sup> .....                   | 336,000       | 405,000       | 1,401,575                         | 2,142,575      |
| Defense <sup>16</sup> .....                   | 399,000       | .....         | .....                             | 399,000        |
| Work Projects Admn. <sup>17</sup> .....       | 14,276,000    | 16,051,000    | 75,219,110                        | 105,546,110    |
| Office of the Admr. <sup>18</sup> .....       | 1,000         | .....         | .....                             | 1,000          |
| Department of the Interior:                   |               |               |                                   |                |
| Bureau of Reclamation.....                    | 3,187,000     | 3,647,000     | 5,483,114                         | 12,317,114     |
| Department of War:                            |               |               |                                   |                |
| Rivers and harbors and flood control.....     | 4,102,000     | 1,132,000     | 187,015                           | 5,421,015      |
| National Guard.....                           | \$39,000      | 985,000       | 2,955,309                         | 4,779,309      |
| Veterans Admn.....                            | 8,221,000     | 8,358,000     | 61,083,284                        | 77,662,284     |
| Federal Emergency Relief.....                 | .....         | 1,901,000     | 40,345,338                        | 42,246,338     |
| All others <sup>15</sup> .....                | 299,000       | 270,000       | 17,407,741                        | 17,976,741     |
| Total expenditures.....                       | \$ 69,821,000 | \$ 75,712,000 | \$375,288,920                     | \$520,821,920  |

<sup>9</sup>In addition State and/or local bodies participate financially in this program. <sup>10</sup>Camp distribution of total expenditures aggregated by States on the basis of the number of camps located therein. <sup>11</sup>Encumbrances. <sup>12</sup>Annual contributors to local authorities to maintain U.S.H.A.-aided projects. <sup>13</sup>Regular appropriation expenditures for sites, construction and major alterations of public buildings. <sup>14</sup>For National Defense Housing from funds transferred to Public Buildings Administration from the War Department. <sup>15</sup>For National Defense Housing authorized by the Lanham Act. <sup>16</sup>Includes Wildlife Restoration, Mineral Lease Act Payments; Special Funds; Federal Water Power Act Payments; Homes for Disabled Soldiers and Sailors; Vocational Education and Rehabilitation; and Books for the Blind.

### EXPENDITURES IN 1926

Expenditures by the federal government were not broken down by states until recent years and the growth in the outgo of federal funds in years prior to 1933, therefore, are not available on a comparative basis. However, Hubert Work, while secretary of the interior, attempted to bring about some understanding of the financial relationship of the states to the federal government. He compiled a table showing federal expenditures in 20 western states during the fiscal year ending June 30, 1926. Expenditures in Colorado, as shown by that statement, amounted to \$21,545,903 and the receipts from within the state were \$8-

523,523, a difference of \$13,022,379. His figures, like those of recent years, are indicative rather than conclusive, but furnish a basis for comparison. The expenditures in 1926 compared with \$64,917,763 in 1926, an increase in 10 years of \$43,371,860 or 301.3 per cent. The expenditures of \$21,545,903 in 1926 compares with \$69,821,000 in the fiscal year ending June 30, 1941. an increase of \$48,276,097 or 324.1 per cent. The expenditures in 1936 reflect in a large measure the rehabilitation of the economic conditions of the country following the depression of 1932-1933 and those of 1941 involve the beginning of arming for the national emergency.

**FEDERAL-OWNED PROPERTIES IN COLORADO UNDER THE JURISDICTION OF THE PUBLIC BUILDINGS ADMINISTRATION AS OF MAY 31, 1942**

(Source: Public Buildings Administration)

Note—Building costs include fixed equipment such as heating apparatus, elevators, air conditioning, etc., but do not include furniture and equipment. Expenditures for construction, including extensions, remodeling and major alterations of federal public buildings in Colorado (exclusive of expenditures for land) by fiscal years ending June 30, are as follows:

|            |              |            |               |
|------------|--------------|------------|---------------|
| 1934 ..... | \$ 36,521.85 | 1938 ..... | \$ 275,490.09 |
| 1935 ..... | 50,517.24    | 1939 ..... | 500,599.61    |
| 1936 ..... | 802,692.56   | 1940 ..... | 1,036,646.87  |
| 1937 ..... | 690,507.23   | 1941 ..... | 712,169.48    |

| Location            | Character                  | Cost of Site          | Cost of Building      | Total                  |
|---------------------|----------------------------|-----------------------|-----------------------|------------------------|
| Alamosa .....       | Post Office.....           | \$ 9,000.00           | \$ 49,790.43          | \$ 58,790.43           |
| Boulder .....       | Post Office.....           | 24,540.98             | 136,562.33            | 161,103.31             |
| Canon City.....     | Post Office.....           | 14,000.00             | 83,051.25             | 97,051.25              |
| Colorado Springs... | P. O. & Court House.       | 65,066.89             | 241,582.98            | 306,649.87             |
| Delta .....         | Post Office.....           | 5,000.00              | 100,364.32            | 105,364.32             |
| Denver .....        | Customhouse (old)...       | 65,825.17             | 628,759.97            | 694,585.14             |
| Denver .....        | Customhouse (new)...       | 300,000.00            | 1,652,902.64          | 1,952,902.64           |
| Denver .....        | Mint Building.....         | 85,261.71             | 1,166,090.87          | 1,251,352.58           |
| Denver .....        | Term. Annex & Garage ..... | 200,000.00            | (1)                   | 200,000.00             |
| Denver .....        | Post Office.....           | 486,879.62            | 2,005,509.31          | 2,492,388.93           |
| Denver .....        | So. Denver Station..       | 29,850.00             | 99,458.56             | 129,308.56             |
| Durango .....       | Post Office.....           | 10,000.00             | 129,010.00            | 139,010.00             |
| Englewood .....     | Post Office.....           | 9,487.00              | 67,430.36             | 76,917.36              |
| Florence .....      | Post Office.....           | 7,500.00              | 56,948.53             | 64,448.53              |
| Fort Collins.....   | Post Office.....           | 12,000.00             | 87,893.74             | 99,893.74              |
| Fort Morgan.....    | Post Office.....           | 9,785.00              | 47,412.99             | 57,197.99              |
| Glenwood Springs..  | Post Office.....           | 9,500.00              | 108,530.47            | 118,030.47             |
| Golden .....        | Post Office.....           | 7,425.00              | 63,043.29             | 70,468.29              |
| Grand Junction....  | Post Office.....           | 9,800.00              | 372,273.53            | 382,073.53             |
| Greeley .....       | Post Office.....           | 24,737.36             | 136,472.47            | 161,209.83             |
| Gunnison .....      | Post Office.....           | 6,500.00              | 57,462.66             | 63,962.66              |
| La Junta.....       | Post Office.....           | 1.00                  | 86,719.84             | 86,720.84              |
| Lamar .....         | Post Office.....           | 9,589.00              | 64,921.69             | 74,510.69              |
| Las Animas.....     | Post Office.....           | 3,550.00              | 54,433.22             | 57,983.22              |
| Leadville .....     | Post Office.....           | 12,084.34             | 71,469.97             | 83,554.31              |
| Littleton .....     | Post Office.....           | 6,500.00              | 64,048.33             | 70,548.33              |
| Longmont .....      | Post Office.....           | 7,850.00              | 70,150.00             | 78,000.00              |
| Loveland .....      | Post Office.....           | 8,250.00              | 61,051.55             | 69,301.55              |
| Manitou Springs...  | Post Office.....           | 6,500.00              | 69,908.50             | 76,408.50              |
| Monte Vista.....    | Post Office.....           | 3,900.00              | 102,185.95            | 106,085.95             |
| Montrose .....      | Post Office.....           | 15,000.00             | 140,517.99            | 155,517.99             |
| Pueblo .....        | Post Office.....           | 26,008.07             | 300,429.43            | 326,437.50             |
| Rife .....          | Post Office.....           | 8,000.00              | 58,401.27             | 66,401.27              |
| Rocky Ford.....     | Post Office.....           | 4,000.00              | 52,258.97             | 56,258.97              |
| Salida .....        | Post Office.....           | 9,250.00              | 55,830.88             | 65,080.88              |
| Sterling .....      | P. O. & Court House.       | 15,000.00             | 208,023.92            | 223,023.92             |
| Trinidad .....      | Post Office.....           | 68.65                 | 88,400.73             | 88,469.38              |
| Walsenburg .....    | Post Office.....           | 9,500.00              | 46,637.32             | 56,137.32              |
| <b>Total .....</b>  |                            | <b>\$1,537,209.79</b> | <b>\$8,885,940.26</b> | <b>\$10,423,150.05</b> |

(1) Contract not awarded.

### PENSIONS AND WAR COMPENSATION

The Veterans' administration administers all laws relating to the relief of and all other benefits provided by law for former members of the military and naval forces of the United States. It was established by executive order of July 21, 1930, consolidating the United States veterans' bureau, the bureau of pensions and the national home for disabled volunteer soldiers. A regional office of the administration is located in the old customs house in Denver. The region is co-extensive with the boundaries of the state. The administration operates a hospital for veterans at Fort Lyon, a description of which is contained in a separate chapter.

Payments in the form of pensions, disability allowances, death benefits, hospitalization and administration to the amount of \$8,243,554 were made by the administration in Colorado in the fiscal year ending June 30, 1941. That amount included \$5,070,696 in pensions and benefits to 8,319 living veterans and \$1,243,729 to the dependents of 2,588 deceased veterans.

Records of total payments made in Colorado prior to 1918 are not available, but information for varying numbers of years since that date discloses that it is in excess of \$156,865,228. The largest item in that total is \$70,501,791 paid out in the past 23 years for disability compensation to World war veterans. The second largest item is \$55,119,101, covering a period of 24 years, for pensions to veterans and their dependents of wars in which the country has been engaged other than the World War I.

The gradual passing of veterans of the wars is disclosed in the comparative statistics of the administration for Colorado. In 1937 there were two dependents of deceased veterans of the Mexican war residing in Colorado, to whom was paid \$744. The following year only one remained, and in 1939 there was none. There were 53 living veterans of the Indian wars living in the state in 1937. This number decreased to 32 in 1941. The decline in Civil war veterans was more pronounced, there being 87 on the pension roll in 1937 and only 21 in 1941. The number of living veterans of the World war receiving benefits increased slightly during the period and the number of living veterans of the Spanish-American war showed a small decrease.

The number of living service-connected veterans of World War I to whom disability compensation was be-

ing paid on June 30 of the years named and the amount of benefits received during the year are as follows:

| Year | Number | Amount     |
|------|--------|------------|
| 1919 | 635    | \$ 117,037 |
| 1920 | 3,420  | 2,016,193  |
| 1921 | 3,943  | 2,570,875  |
| 1922 | 4,428  | 2,648,697  |
| 1923 | 4,764  | 2,777,173  |
| 1924 | 4,659  | 2,498,529  |
| 1925 | 4,977  | 2,445,848  |
| 1926 | 5,326  | 3,132,061  |
| 1927 | 5,452  | 3,225,785  |
| 1928 | 5,571  | 3,265,999  |
| 1929 | 5,319  | 4,072,096  |
| 1930 | 5,237  | 3,984,491  |
| 1931 | 5,386  | 4,455,648  |
| 1932 | 5,482  | 4,304,450  |
| 1933 | 5,557  | 3,930,016  |
| 1934 | 5,287  | 2,919,191  |
| 1935 | 5,156  | 3,415,834  |
| 1936 | 5,044  | 3,332,390  |
| 1937 | 4,922  | 3,203,743  |
| 1938 | 4,933  | 3,158,152  |
| 1939 | 4,803  | 3,082,028  |
| 1940 | 4,750  | 3,024,452  |
| 1941 | 4,689  | 2,921,103  |

Total ..... \$70,501,791

The number of deceased veterans of World War I whose dependents were receiving death compensation on June 30 of the year named and the amount of compensation paid during the year are as follows:

| Year | Number | Amount    |
|------|--------|-----------|
| 1919 | 222    | \$ 43,226 |
| 1920 | 389    | 191,203   |
| 1921 | 431    | 159,289   |
| 1922 | 465    | 150,055   |
| 1923 | 501    | 167,985   |
| 1924 | 532    | 177,656   |
| 1925 | 645    | 249,041   |
| 1926 | 782    | 309,977   |
| 1927 | 823    | 291,474   |
| 1928 | 841    | 299,421   |
| 1929 | 877    | 307,560   |
| 1930 | 914    | 352,847   |
| 1931 | 963    | 339,593   |
| 1932 | 1,034  | 413,864   |
| 1933 | 1,109  | 404,647   |
| 1934 | 1,057  | 385,026   |
| 1935 | 1,113  | 398,927   |
| 1936 | 1,155  | 436,137   |
| 1937 | 1,183  | 444,646   |
| 1938 | 1,189  | 531,125   |
| 1939 | 1,252  | 624,519   |
| 1940 | 1,299  | 703,335   |
| 1941 | 1,328  | 715,649   |

Total ..... \$8,097,202

Disability allowances for non service connected men under the law which went into effect July 1, 1930, as of June 30 of the years named and the amount paid during each year, is as follows:

| Year | Number | Amount     |
|------|--------|------------|
| 1931 | .....  | \$ 350,048 |
| 1932 | 3,260  | 755,279    |
| 1933 | .....  | 696,417    |
| 1934 | 333    | 113,265    |
| 1935 | 431    | 145,573    |
| 1936 | 466    | 159,489    |
| 1937 | 514    | 167,714    |
| 1938 | 591    | 191,157    |
| 1939 | 723    | 227,076    |
| 1940 | 835    | 258,861    |
| 1941 | 979    | 319,789    |

Total ..... \$3,384,668

Emergency officers' retirement pay, World War I, for years ending June 30, are as follows:

| Year        | Number | Amount      |
|-------------|--------|-------------|
| 1931.....   | ...    | \$ 331,778  |
| 1932.....   | 204    | 349,901     |
| 1933.....   | ...    | 302,410     |
| 1934.....   | 26     | 39,073      |
| 1935.....   | 30     | 50,060      |
| 1936.....   | 33     | 62,989      |
| 1937.....   | 34     | 60,587      |
| 1938.....   | 36     | 62,729      |
| 1939.....   | 35     | 62,308      |
| 1940.....   | 35     | 60,949      |
| 1941.....   | 71     | 100,377     |
| Total ..... |        | \$1,483,161 |

The number of pensioners on June 30 of the year named, comprising living veterans and dependents of deceased veterans of wars other than World War I, including the regular (peace-time) establishment, receiving pensions on June 30 of the year named and the amount paid are as follows:

| Year        | Number | Amount       |
|-------------|--------|--------------|
| 1918.....   | 6,369  | \$ 1,769,946 |
| 1919.....   | 6,328  | 2,252,895    |
| 1920.....   | 6,002  | 2,160,440    |
| 1921.....   | 5,640  | 2,577,818    |
| 1922.....   | 5,296  | 2,460,019    |
| 1923.....   | 6,105  | 2,933,758    |
| 1924.....   | 5,837  | 2,356,452    |
| 1925.....   | 5,711  | 2,237,270    |
| 1926.....   | 5,590  | 2,352,265    |
| 1927.....   | 5,450  | 2,420,010    |
| 1928.....   | 5,432  | 2,406,457    |
| 1929.....   | 5,278  | 2,384,775    |
| 1930.....   | 5,115  | 2,291,640    |
| 1931.....   | 4,967  | 2,514,623    |
| 1932.....   | 4,807  | 2,455,429    |
| 1933.....   | 4,650  | 2,477,172    |
| 1934.....   | 4,283  | 1,627,506    |
| 1935.....   | 4,409  | 1,909,154    |
| 1936.....   | 4,575  | 2,181,204    |
| 1937.....   | 4,446  | 2,215,480    |
| 1938.....   | 4,271  | 2,143,838    |
| 1939.....   | 4,120  | 2,464,434    |
| 1940.....   | 4,024  | 2,269,009    |
| 1941.....   | 3,840  | 2,257,507    |
| Total ..... |        | \$55,119,101 |

Figures for certain other branches of the service were not segregated by states prior to 1934. Figures for available years are given below.

Military and naval insurance disbursed to Colorado men in fiscal years ending June 30, are as follows:

| Year        | Number | Amount      |
|-------------|--------|-------------|
| 1934.....   | 1,894  | \$1,339,083 |
| 1935.....   | 1,854  | 1,298,422   |
| 1936.....   | 1,829  | 1,216,255   |
| 1937.....   | 1,772  | 1,141,560   |
| 1938.....   | 1,548  | 1,068,891   |
| 1939.....   | 712    | 578,018     |
| 1940.....   | 618    | 505,885     |
| 1941.....   | 479    | 419,144     |
| Total ..... |        | \$7,567,258 |

Payments made on account of adjusted service and dependent pay by fiscal years ending June 30, are as follows:

| Year        | Amount   |
|-------------|----------|
| 1934.....   | \$13,073 |
| 1935.....   | 9,275    |
| 1936.....   | 9,017    |
| 1937.....   | 10,974   |
| 1938.....   | 9,559    |
| 1939.....   | 8,120    |
| 1940.....   | 5,454    |
| 1941.....   | 3,761    |
| Total ..... | \$69,233 |

Payments on adjusted service certificates matured by death for years ending June 30, are as follows:

| Year         | Amount    |
|--------------|-----------|
| 1934.....    | \$198,332 |
| 1935.....    | 258,809   |
| 1936.....    | 203,557   |
| *Total ..... | \$660,698 |

\*Not segregated subsequent to 1936.

Disbursements allotted to Colorado for administration for fiscal years ending June 30, are as follows:

| Year        | Amount      |
|-------------|-------------|
| 1934.....   | \$ 816,321  |
| 1935.....   | 899,243     |
| 1936.....   | 824,838     |
| 1937.....   | 800,088     |
| 1938.....   | 1,453,405   |
| 1939.....   | 1,406,837   |
| 1940.....   | 1,538,341   |
| 1941.....   | 1,506,219   |
| Total ..... | \$9,245,292 |

Disbursements allotted to Colorado for construction of hospital and domiciliary facilities and services by years ending June 30, are as follows:

| Year        | Amount    |
|-------------|-----------|
| 1934.....   | \$312,644 |
| 1935.....   | 49,291    |
| 1936.....   | 2,055     |
| 1937.....   | 214,580   |
| 1938.....   | 222,830   |
| 1939.....   | 27,063    |
| 1940.....   | 8,356     |
| 1941.....   | 5         |
| Total ..... | \$836,824 |

Total disbursements in Colorado on account of the administration of veteran affairs by years ending June 30, are as follows:

| Year        | Amount       |
|-------------|--------------|
| 1934.....   | \$ 7,763,514 |
| 1935.....   | 8,434,586    |
| 1936.....   | 8,427,931    |
| 1937.....   | 8,259,372    |
| 1938.....   | 8,841,686    |
| 1939.....   | 8,480,403    |
| 1940.....   | 8,374,642    |
| 1941.....   | 8,243,554    |
| Total ..... | \$66,825,688 |

Recapitulation of amounts paid out in Colorado for number of specified years, as shown by the above tables, exclusive of adjusted compensation (bonus) payments subsequent to 1936, is as follows:

| Class   | Amount        |
|---|---------------|
| World War:  |               |
| Disability compensation living veterans (23 yrs.) . . . | \$ 70,501,791 |
| Dependents death compensation (23 yrs.) . . . . .       | 8,097,202     |
| Non-service allowances (11 yrs.) . . . . .              | 3,284,668     |
| Emergency officers' retirement (11 yrs.) . . . . .      | 1,483,161     |
| Pensioners, other wars (24 yrs.) . . . . .              | 55,119,101    |
| Insurance disbursed (8 yrs.) . . . . .                  | 7,567,258     |
| Adjusted service payments (8 yrs.) . . . . .            | 69,233        |
| Adjusted service certificates matured . . . . .         | 660,698       |
| Administration (8 yrs.) . . . . .                       | 9,245,292     |
| Construction (8 yrs.) . . . . .                         | 836,824       |
| Total . . . . .   | \$156,865,228 |

There were 1,097 veterans remaining under hospital treatment or domiciliary care in Colorado hospitals and fa-

cilities on June 30, 1941, of which number 562 were residents of Colorado. In addition, there were 289 residents of Colorado domiciled in veterans' hospitals and facilities in other states.

The administration also has guardianship over the incompetent and minor wards, including incompetent veterans and minor children of veterans. These included on June 30, 1941, a total of 1,044, of whom 375 were incompetents and 669 were minors under the jurisdiction of the Denver field office.

A table is published herewith showing the distribution of pensions and benefits in Colorado and administrative and construction costs for the fiscal years of 1941, 1940 and 1939.

**VETERANS ADMINISTRATION: DISBURSEMENTS FOR PENSIONS AND BENEFITS IN COLORADO FOR WAR VETERANS AND DEPENDENTS, FISCAL YEARS ENDING JUNE 30**

(Source: Administrator of Veterans' Affairs)

|  | 1941   |             | 1940   |             | 1939   |             |
|--|--------|-------------|--------|-------------|--------|-------------|
|  | No.    | Amount      | No.    | Amount      | No.    | Amount      |
| <b>WORLD WAR</b>                             |        |             |        |             |        |             |
| Living veterans:                             |        |             |        |             |        |             |
| Service-connected (war time)                 | 4,689  | \$2,921,103 | 4,750  | \$3,024,452 | 4,803  | \$3,082,028 |
| Non-service connected . . . . .              | 979    | 319,789     | 835    | 258,861     | 723    | 227,076     |
| Emergency officers' retirement pay . . . . . | 71     | 100,377     | 35     | 60,949      | 35     | 62,308      |
| Totals:                                      |        |             |        |             |        |             |
| Living veterans . . . . .                    | 5,739  | \$3,341,269 | 5,620  | \$3,344,262 | 5,561  | \$3,371,412 |
| Deceased veterans . . . . .                  | 1,328  | 715,649     | 1,299  | 703,335     | 1,252  | 624,519     |
| Grand total, World War . . . . .             | 7,067  | \$4,056,918 | 6,919  | \$4,047,597 | 6,813  | \$3,995,931 |
| <b>OTHER WARS</b>                            |        |             |        |             |        |             |
| Indian War:                                  |        |             |        |             |        |             |
| Living veterans . . . . .                    | 32     | \$ 24,476   | 38     | \$ 27,460   | 41     | \$ 30,659   |
| Deceased veterans . . . . .                  | 58     | 21,255      | 63     | 22,712      | 66     | 22,995      |
| Civil War:                                   |        |             |        |             |        |             |
| Living veterans . . . . .                    | 21     | 24,090      | 24     | 39,175      | 46     | 62,198      |
| Deceased veterans . . . . .                  | 559    | 275,335     | 644    | 324,034     | 759    | 367,654     |
| Spanish-American War:                        |        |             |        |             |        |             |
| Living veterans . . . . .                    | 1,537  | 1,065,852   | 1,607  | 1,069,747   | 1,655  | 1,392,986   |
| Deceased veterans . . . . .                  | 522    | 192,754     | 514    | 188,078     | 493    | 179,266     |
| Totals:                                      |        |             |        |             |        |             |
| Living veterans . . . . .                    | 1,590  | \$1,114,418 | 1,669  | \$1,136,382 | 1,742  | \$1,485,843 |
| Deceased veterans . . . . .                  | 1,139  | 489,344     | 1,221  | 534,824     | 1,318  | 569,915     |
| Grand total other wars . . . . .             | 2,729  | \$1,603,762 | 2,890  | \$1,671,206 | 3,060  | \$2,055,758 |
| Regular establishments:                      |        |             |        |             |        |             |
| Living veterans . . . . .                    | 990    | \$ 615,009  | 1,021  | \$ 561,568  | 956    | \$ 372,882  |
| Deceased veterans . . . . .                  | 121    | 38,736      | 112    | 36,235      | 104    | 35,794      |
| Total, regular establishments . . . . .      | 1,111  | \$ 653,745  | 1,133  | \$ 597,803  | 1,060  | \$ 408,676  |
| Grand totals:                                |        |             |        |             |        |             |
| Living veterans . . . . .                    | 8,319  | \$5,070,696 | 8,310  | \$5,042,212 | 8,259  | \$5,230,137 |
| Deceased veterans . . . . .                  | 2,588  | 1,243,729   | 2,632  | 1,274,394   | 2,674  | 1,230,228   |
| Total . . . . .                              | 10,907 | \$6,314,425 | 10,942 | \$6,316,606 | 10,933 | \$6,460,365 |
| Military and naval insurance . . . . .       | 479    | \$ 419,144  | 618    | \$ 505,885  | 712    | \$ 578,018  |
| Adjusted service and dependent pay . . . . . |        | 3,761       |        | 5,454       |        | 8,120       |
| Administration . . . . .                     |        | 1,506,219   |        | 1,538,341   |        | 1,406,837   |
| Construction . . . . .                       |        | 5           |        | 8,356       |        | 27,063      |
| Total disbursements . . . . .                |        | \$8,243,554 |        | \$8,374,642 |        | \$8,480,403 |

**UNITED STATES MINT**

One of the three mints owned and operated by the United States government is located in Denver. The other two are at Philadelphia and San Francisco. Electrolytic refineries for refining gold and silver also are operated at the Denver and San Francisco mints and at the New York assay office. A private mint was formally opened in Denver on June 20, 1860, by the banking firm of Clark, Gruber & Company in which gold coins of the \$10 and \$20 sizes, made of pure gold, and of greater value than corresponding United States coins, were minted. In the following year coins of these denominations and \$2.50 and \$5 gold pieces containing alloy, but with one per cent more gold than government coins, were produced. More than \$3,000,000 in gold coins were minted in this establishment. Under a congressional act approved by the president on April 21, 1862, the government prohibited the private coinage of money, authorized the establishment of a branch mint at Denver and the purchase of the Clark, Gruber & Company mint. The minting machinery of the private concern is now in the collection of the State Historical society. The firm acted entirely within its legal rights at the time and its operations were of great benefit in establishing a circulating medium in the territory.

The Denver mint was completed in 1905 and the treasury department occupied it in September of that year. The coinage of money began in 1906. The total investment in the building, machinery and equipment is approximately \$2,000,000, of which \$60,000 was for the site, \$812,679 for the original building and \$140,000 for an extension completed in 1937.

Paper money is not produced at the Denver mint, its output consisting entirely of coin. Bullion is received not only from the principal mining states in this country but from several foreign countries. Gold and silver for minting also are obtained from re-deposits, jewelry, and United States and foreign coin. Domestic coin manufactured at the mint from the opening of the institution in 1906 to and including the calendar year 1941 amounted to 1,766,070,807 pieces with a value of \$506,827,248.

Denominations, value and number of pieces manufactured from the time the mint began operations (1906) to December 31, 1935, are as follows:

|                    | Value                | Pieces               |
|--------------------|----------------------|----------------------|
| Double eagles..... | \$262,160,000        | 13,108,000           |
| Eagles .....       | 59,092,800           | 5,909,280            |
| Half eagles....    | 26,463,300           | 5,292,660            |
| Quarter eagles..   | 2,704,200            | 1,081,680            |
| Dollars .....      | 47,406,100           | 47,406,100           |
| Half dollars...    | 16,381,148           | 32,762,296           |
| Quarter dollars    | 18,252,300           | 73,009,200           |
| Dimes .....        | 16,875,280           | 168,752,800          |
| Nickels .....      | 6,696,615            | 133,932,300          |
| Cents .....        | 6,045,460            | 604,546,000          |
| <b>Total .....</b> | <b>\$462,077,203</b> | <b>1,085,800,316</b> |

Denominations, value and number of pieces manufactured in calendar years subsequent to 1935 are as follows:

|                    | 1936<br>Value      | Pieces            |
|--------------------|--------------------|-------------------|
| Half dollars.....  | \$2,242,769        | 4,485,538         |
| Quarters .....     | 1,343,500          | 5,374,400         |
| Dimes .....        | 1,613,200          | 16,132,000        |
| Nickels .....      | 1,240,700          | 24,814,000        |
| Cents .....        | 406,200            | 40,620,000        |
| <b>Total .....</b> | <b>\$6,846,369</b> | <b>91,425,538</b> |

|                    | 1937<br>Value         | Pieces            |
|--------------------|-----------------------|-------------------|
| Half dollars.....  | \$ 854,512.50         | 1,709,025         |
| Quarters .....     | 1,797,400             | 7,189,600         |
| Dimes .....        | 1,414,600             | 14,146,000        |
| Nickels .....      | 891,300               | 17,826,000        |
| Cents .....        | 504,300               | 50,430,000        |
| <b>Total .....</b> | <b>\$5,462,112.50</b> | <b>91,300,625</b> |

|                    | 1938<br>Value      | Pieces            |
|--------------------|--------------------|-------------------|
| Half dollars.....  | \$ 256,810         | 513,620           |
| Dimes .....        | 553,700            | 5,537,000         |
| Nickels .....      | 619,800            | 12,396,000        |
| Cents .....        | 200,100            | 20,010,000        |
| <b>Total .....</b> | <b>\$1,630,410</b> | <b>38,456,620</b> |

|                    | 1939<br>Value      | Pieces            |
|--------------------|--------------------|-------------------|
| Half dollars.....  | \$2,136,454        | 4,272,908         |
| Quarters .....     | 1,773,000          | 7,092,000         |
| Dimes .....        | 2,439,400          | 24,394,000        |
| Nickels .....      | 175,700            | 3,514,000         |
| Cents .....        | 151,600            | 15,160,000        |
| <b>Total .....</b> | <b>\$6,676,154</b> | <b>54,432,908</b> |

|                    | 1940<br>Value      | Pieces             |
|--------------------|--------------------|--------------------|
| Quarters .....     | \$ 699,400         | 2,797,600          |
| Dimes .....        | 2,119,800          | 21,198,000         |
| Nickels .....      | 2,177,000          | 43,540,000         |
| Cents .....        | 813,900            | 81,390,000         |
| <b>Total .....</b> | <b>\$5,810,100</b> | <b>148,925,600</b> |

|                    | 1941<br>Value       | Pieces             |
|--------------------|---------------------|--------------------|
| Half dollars.....  | \$ 5,624,200        | 11,248,400         |
| Quarters .....     | 4,173,700           | 16,714,800         |
| Dimes .....        | 4,563,400           | 45,634,000         |
| Nickels .....      | 2,671,600           | 53,432,000         |
| Cents .....        | 1,287,000           | 128,700,000        |
| <b>Total .....</b> | <b>\$18,324,900</b> | <b>255,729,200</b> |

The value and number of pieces manufactured in the Denver mint vary from year to year in accordance with the demand. The last gold coins minted consisted of 106 500 double eagles in 1931. All gold coins were withdrawn from circulation in 1934 by the government and their minting was discontinued under a change in the monetary system.

The manufacture of cents has shown a big increase in recent years. This is credited principally to the traffic in beverages, slot machine vending, sales taxes, social security deductions, etc. In 1929 the Denver mint manufactured only 4,173,000 cents. In the period 1930 to 1937, inclusive, the number was 227,776,000. Decreases were reported in 1938 and 1939. In 1940 and 1941 there were large increases, the output in the last named year establishing a record of 128,700,000 pieces.

The total number of minor coins manufactured to the end of 1941 is as follows:

|               | Number        |
|---------------|---------------|
| Dimes .....   | 295,793,800   |
| Nickels ..... | 289,545,300   |
| Cents .....   | 940,856,000   |
| Total .....   | 1,526,195,100 |

Among special coins minted at Denver are the following: In 1932 there were 436,800 quarter dollars of a new design minted to commemorate the bi-centennial celebration of the birth of George Washington. In 1933 there were 5,441 Oregon Trail half-dollars minted. In 1936 there were 5,505 Arkansas centennial half-dollars, 7,008 Daniel Boone bi-centennial half-dollars and 10,007 Texas centennial half-dollars minted.

Special commemorative half-dollars minted in 1937 were Oregon Trail, 12,008; Arkansas Centennial, 5,505; Texas Centennial, 8,006; Daniel Boone bi-centennial, 7,506.

Special coins minted in 1938 at Denver included 18,017 Arkansas centennial half-dollars, 15,016 Daniel Boone bi-centennial, 18,017 Oregon Trail commemorative, and 15,016 Texas centennial half-dollars.

Issues of half-dollars in 1939 included 3,004 Oregon Trail commemorative and 2,104 Arkansas centennial.

The Denver mint had 392 employees on June 30, 1941. The revenue of the mint for the year ending on that date was \$7,516,580.55. This income is from charges made for smelting, parting and refining gold and silver, and from other sources arising out of handling the metals, seignorage, etc. Total expenses for the year were \$764,438.06.

The cash assets of the Denver mint on June 30, 1941, amounted to \$4,599,483,636, distributed as follows:

| Item                                       | Amount             |
|--|--------------------|
| Gold bullion .....                         | \$4,502,757,505.52 |
| Silver bullion .....                       | 42,905,961.27      |
| Silver coin .....                          | 53,380,763.14      |
| Minor coin .....                           | 158,850.00         |
| Paper currency .....                       | 130,600.00         |
| Minor coinage metal.....                   | 44,043.46          |
| Reimbursable losses on melted coin .....   | 59,956.78          |
| Checking credit with U. S. treasurer ..... | 45,956.54          |
| Total .....                                | \$4,599,483,636.71 |

**GOLD STORED IN DENVER**

The second largest deposit of gold bullion in the world was stored in the vaults of the United States mint at Denver on June 30, 1941. It consisted of 128,650,214.44 fine ounces valued at \$4,502,757,505.52. This stock of gold is exceeded only by the deposits at Fort Knox, Kentucky, and represents 19.9 per cent of all the gold bullion held by the government. It is more than five times greater than all the gold mined in Colorado since the beginning of the industry in this state and 15.5 per cent of the entire gold stock of the world at the end of 1940 as reported by the treasury department.

The gold bullion assets of the United States mint on June 30, 1941, were distributed as follows:

| Depository                                   | Amount              |
|--|---------------------|
| Philadelphia .....                           | \$ 6,870,207.97     |
| San Francisco .....                          | 1,344,794,778.83    |
| Denver .....                                 | 4,502,757,505.52    |
| New York assay office (including West Point) | 2,187,483,307.14    |
| New Orleans.....                             | 205,180.24          |
| Seattle .....                                | 3,382,994.21        |
| Fort Knox .....                              | 14,579,591,387.22   |
| Total .....                                  | \$22,625,085,361.13 |

The monetary stocks of the world at the end of 1940 as reported by the director of the mint were \$29,086,657,000, of which the United States held 77.8 per cent. This compilation was made from answers to official questionnaires, but it was stated that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies and those hoarded or held outside regularly reported stocks. Great Britain reported stocks of only \$1,991,000; France, \$2,008,068,000; Germany, \$40,280,000; Japan, \$163,570,000; Italy, \$137,000; Russia, none.

**PUBLIC WORKS ADMINISTRATION**

The Federal Emergency Administration of Public Works (PWA) was created under the provisions of the national industrial recovery act on June 16, 1933. Its purpose was to provide employment through the building of public works. The funds allocated for distribution by the PWA were derived

through congressional appropriations and the resale of securities purchased from states, municipalities and other public bodies. Allotments were made for non-federal projects in the form of loans and grants. The difference between total costs and allotments was made up by the bodies receiving the grants and providing their own share of costs from other sources. Allotments also were made to departments of the federal government for strictly federal projects.

During the earlier days of the program it was carried on through state agencies representing the administration, but later the nation was divided into regions. George M. Bull of Denver, formerly state administrator for Colorado, was made director of the 5th region, with headquarters at Fort Worth, Tex. In 1940, as the program drew to a close, the regional offices were discontinued, and the work on the uncompleted projects, of which there were three in Colorado on June 30, 1941, was directed from Washington.

The program for Colorado, which now is practically completed, provided for 513 projects, of which 205 were non-federal and 308 were federal. Disbursements on these to June 30, 1941, amounted to \$72,219,505. Construction expenditures on non-federal projects to the last named date amounted to \$48,831,527, of which PWA furnished \$2,763,429 in loans and \$19,298,595 in grants, a total of \$22,062,024 in federal funds. The funds for the remainder of the expenditures on non-federal projects were provided by the sponsors in the form of payments for labor, materials and miscellaneous costs.

Construction expenditures on the 308 federal projects, in which federal funds only were provided, amounted to \$23,387,978 up to June 30, 1941.

Outstanding among the non-federal projects constructed in the state were the building program for the 19 state institutions, the Denver sewage disposal plant, the storage dam on the upper Yampa river, the capitol annex building and such undertakings as court houses, municipal water systems, hospitals and other public works. The federal projects, which were constructed by bureaus of the federal government, included highway and trail improvements in the national forests and national parks and monuments, construction of postoffices and other federal buildings, water surveys, irrigation surveys, communication systems and other improvements of government property.

### WORKS PROJECT ADMINISTRATION

The Works Progress Administration (WPA) was established by executive order on May 6, 1935, under the provisions of the Emergency Relief Appropriation act of that year. It was empowered to investigate wages, hours and working conditions and to provide employment for persons in need of relief.

Under the President's reorganization plan No. 1, which went into effect July 1, 1939, the name of the agency was changed to the Works Projects Administration and it was placed under the Federal Works agency. Paul D. Shriver is state administrator for Colorado, with headquarters at 810 Fourteenth street, Denver.

WPA projects cover a wide variety of activities. The projects, with a limited number of exceptions, are initiated by local public bodies such as states, counties and cities, which as sponsors provide a portion of the funds required for project operations. These funds are used chiefly for materials, supervision, supplies and equipment and other non-labor costs.

Projects proposed by sponsors are reviewed first by the district and state administrators and then by the control WPA office in Washington before they are submitted to the President for final approval.

Several important new provisions are to be found in the 1939 appropriations act concerning the respective parts to be played by the sponsors and by the WPA in financing projects. On and after January 1, 1940, not to exceed three-fourths of the total cost of all non-federal projects thereafter approved to be undertaken in any state shall be borne by the United States. This proviso does not mean that each sponsor in a given state must bear at least one-fourth of the cost of each and every project, but that the sponsors in each state as a whole must contribute at least one-fourth of the total cost in the state.

Total expenditures, including federal and sponsors' funds, on WPA-operated projects within the state, as shown in an accompanying table, cumulative to June 30, 1941, amounted to \$128,513,181.

The sources of these funds are as follows:

|                           | Amount        | Per Cent |
|---------------------------|---------------|----------|
| Federal funds . . . . .   | \$ 99,420,300 | 77.4     |
| Sponsors' funds . . . . . | 29,092,881    | 22.6     |
| Total . . . . .           | \$128,513,181 | 100.0    |

Expenditures for labor paid out of federal funds through June 30, 1941, amounted to \$75,531,494 or 88.4 per cent of the total provided by WPA and 77.4 per cent of total expenditures out of both federal and sponsors' funds.

The average number of persons employed on WPA projects in Colorado in June and December, based on the average of weekly employment counts made during the calendar month, were as follows:

| Month          | Number  |
|----------------|---------|
| December, 1935 | 37,907  |
| June, 1936     | 28,596  |
| December, 1936 | 21,837  |
| June, 1937     | 20,076  |
| December, 1937 | 18,458  |
| June, 1938     | 28,115  |
| December, 1938 | 133,022 |
| June, 1939     | 125,984 |
| December, 1939 | 124,019 |
| June, 1940     | 117,234 |
| December, 1940 | 119,738 |
| June, 1941     | 116,939 |

<sup>1</sup>Includes those on WPA projects operated by other federal agencies and financed by allocation of WPA funds under the 1938 appropriation act.

Hours and earnings of persons employed on WPA-operated projects in the state, by fiscal years ending June 30, are as follows:

| Year    | Hours       | Earnings     |
|---------|-------------|--------------|
| 1936-38 | 91,097,407  | \$43,511,762 |
| 1939    | 31,673,853  | 18,155,509   |
| 1940    | 30,508,393  | 13,834,217   |
| 1941    | 27,691,625  | 13,201,059   |
| Total   | 180,971,278 | \$88,702,547 |

Selected items of physical accomplishment in Colorado on construction projects operated by WPA from July, 1935, to June, 1941, inclusive, are as follows:

|   |         |
|---|---------|
| Highways, roads, and streets and related facilities (new and improved): |         |
| Miles of highways and streets   | 8,773   |
| Number of bridges and viaducts  | 3,223   |
| Number of culverts  | 19,916  |
| Number of public buildings:   |         |
| Schools:  |         |
| New construction and additions  | 109     |
| Reconstruction or improvement   | 397     |
| All other:  |         |
| New construction and additions  | 519     |
| Reconstruction or improvement   | 701     |
| Outdoor recreational facilities (new and improved):                     |         |
| Number of parks   | 115     |
| Playgrounds and athletic fields   | 181     |
| Swimming and wading pools   | 31      |
| Public utilities and sanitation:  |         |
| Number utility plants (new and improved)                                | 63      |
| Miles of water mains and distribution lines (new)                       | 255     |
| Miles of storm and sanitary sewers (new)                                | 208     |
| Sanitary privies (new)  | 29,915  |
| Airport facilities:   |         |
| Number of landing fields (new and additions)                            | 4       |
| Landing fields (reconstruction)   | 2       |
| Linear feet of runways:   |         |
| New construction  | 135,747 |
| Number of airport buildings:  |         |
| New and additions   | 28      |
| Reconstruction or improvement   | 115     |

An accompanying table gives a summary of expenditures of federal and sponsors' funds by types of projects from the inauguration of the program through June 30, 1941.

**WORK PROJECTS ADMINISTRATION: EXPENDITURES OF FEDERAL AND SPONSORS' FUND ON WPA-OPERATED PROJECTS IN COLORADO, BY MAJOR TYPES OF PROJECTS, TO JUNE 30, 1941**

(Source: Federal Works Agency)

| TYPE  | Cumulative to June 30, 1939 |          | Year Ending June 30, 1940 | Year Ending June 30, 1941 | Total Through June 30, 1941 |          |
|---|-----------------------------|----------|---------------------------|---------------------------|-----------------------------|----------|
|   | Amount                      | Per Cent |                           |                           | Amount                      | Per Cent |
| Highways, roads and streets                 | \$31,852,276                | 36.5     | \$ 7,692,079              | \$ 6,824,342              | \$ 46,368,697               | 36.1     |
| Public buildings                            | 9,740,499                   | 11.2     | 2,566,702                 | 2,655,262                 | 14,962,463                  | 11.6     |
| Recreational facilities excluding buildings | 4,020,025                   | 4.6      | 866,427                   | 728,989                   | 5,615,441                   | 4.4      |
| Conservation                                | 7,816,342                   | 8.9      | 636,240                   | 359,754                   | 8,812,336                   | 6.9      |
| Sewer systems and other utilities           | 6,432,214                   | 7.4      | 2,341,465                 | 1,752,202                 | 10,525,881                  | 8.2      |
| Airports and airways                        | 2,136,481                   | 2.4      | 1,198,187                 | 1,495,365                 | 4,830,033                   | 3.8      |
| Professional service                        | 9,829,407                   | 11.2     | 3,535,662                 | 4,676,624                 | 18,041,693                  | 14.0     |
| Sewing                                      | 8,463,540                   | 9.7      | 1,670,431                 | (2)                       | 10,133,971                  | 7.9      |
| Goods other than sewing                     | 4,046,805                   | 4.6      |                           |                           | 4,046,805                   | 3.1      |
| National defense vocational training        |                             |          |                           | 340,436                   | 340,436                     | 0.3      |
| Sanitation                                  | 1,160,777                   | 1.3      | 324,129                   | 232,007                   | 1,716,913                   | 1.3      |
| Miscellaneous*                              | 1,879,040                   | 2.2      | 801,061                   | 438,411                   | 3,118,512                   | 2.4      |
| Total                                       | \$87,377,406                | 100.0    | \$21,632,383              | \$19,503,392              | \$128,513,181               | 100.0    |

\*Includes adjustment of federal expenditures to total reported by the Treasury Department and sponsors' expenditures for land, land leases, easements, and right-of-way, for which the distribution by types of projects is not available.

(2) Included under Professional service.

**CIVILIAN CONSERVATION CORPS**

The Civilian Conservation Corps (CCC) was organized April 17, 1933, under the federal emergency conservation act approved March 31, 1933. Effective July 1, 1939, it was made a division of the Federal Security agency. In 1942 congress made no appropriation for its maintenance and its liquidation began as of July 1.

The purpose of the corps is to provide employment, as well as vocational training, for youthful citizens of the United States who are unemployed and in need of employment, and to a limited extent for war veterans and Indians, through the performance of useful public work in connection with the conservation and development of the natural resources of the country. During the past few years the major conservation activities of the corps included the reforestation of waste lands, the control of erosion on farm lands, the improvement of parks and forests for public use, increase and protection of wildlife resources, and a general strengthening of forest and park-protection systems against forest fires and tree-attacking insects and diseases.

Since the beginning of the national emergency in May, 1940, the corps has placed greater emphasis upon those phases of its training and work programs which contribute to the national defense—the development of physical hardihood and the training of young men in skills which fit them for jobs in defense industries as well as the protection and conservation of natural resources.

The age limit for enrollees is 17 to 23 years, inclusive. Enrollments are for six months and not to exceed two years. Continuous service is not required where enrollee attends an educational institution. Cash payments are \$30 per month, maximum, except for certain assistants, and this payment in part is assigned to dependents of the enrollee or retained for him until his discharge. Subsistence, quarters, medical care, etc., are provided without expense to the enrollee.

Allotments to dependents of enrollees in Colorado in fiscal years ending June 30, are as follows:

| Year | Amount       |
|------|--------------|
| 1940 | \$664,486.97 |
| 1941 | 532,476.16   |

The selecting agencies for Colorado are the state department of public welfare, Capitol Annex building, Denver, for juniors, and the regional office of

the veterans administration, old custom house, Denver, for veterans. Regional headquarters for Colorado and Wyoming are at Littleton.

The number of enrollees, the enrolled strength, the distribution of camps under the jurisdiction of the various agencies and total number of camps, by fiscal years, 1936 to 1941, inclusive, are shown in an accompanying table.

Expenditures made by the federal government in Colorado on behalf of the organization from 1933 to June 30, 1941, aggregate \$56,145,170. The distribution of these costs by years is as follows:

| Year  | CCC        | Indian Service | Total        |
|-------|------------|----------------|--------------|
| 1933  | \$ 260,174 | .....          | \$ 260,174   |
| 1934  | 5,484,982  | \$64,030       | 5,549,012    |
| 1935  | 5,961,934  | 84,937         | 6,046,871    |
| 1936  | 10,416,685 | 62,410         | 10,479,095   |
| 1937  | 6,879,761  | 52,624         | 6,932,385    |
| 1938  | 7,373,399  | 56,399         | 7,429,798    |
| 1939  | 6,014,155  | 52,680         | 6,066,835    |
| 1940  | 6,167,000  | 75,000         | 6,242,000    |
| 1941  | (1)        | (1)            | 7,139,000    |
| Total | .....      | .....          | \$56,145,170 |

(1) Not segregated.

**GROWING SEASONS**

The records of the weather bureau show that Grand Junction has the longest growing season of all districts of the state, the average number of days between killing frosts being 186. The southeastern part of the state also has a long growing season, with an average of 165 days between frosts at Holly and 166 days at Lamar. Denver has an average of 160 days. Pagosa Springs has the shortest growing season, with 76 days between frosts. In many of the higher altitudes, where the growing season is seemingly too short to make agriculture possible, crop growth is remarkably rapid and many of the crops mature in considerably less time than is required in other regions. This is true of potatoes, small grains, head lettuce and similar crops.

A table on page 65 shows the average dates of the last killing frost in the spring and the first in the fall at 67 stations in the different areas in the state; the average length of the growing season, the latest date of killing frosts in the spring and the earliest date in the fall and the length of record in years.

The records of growing seasons are of great value to farmers and are extensively used by them in determining the most favorable time for planting and harvesting their crops.

**CIVILIAN CONSERVATION CORPS: SELECTION, ENROLLED STRENGTH AND  
AVERAGE DISTRIBUTION OF CAMPS, FOR COLORADO, BY  
FISCAL YEARS ENDING JUNE 30**

(Source: Director of Civilian Conservation Corps)

|   | 1941  | 1940  | 1939  | 1938  | 1937  | 1936  |
|---|-------|-------|-------|-------|-------|-------|
| <b>Enrollment:</b>                                |       |       |       |       |       |       |
| Juniors (aged 17-23, and as-<br>sistants) .....   | 3,371 | 3,088 | 3,145 | 2,045 | 2,722 | 3,413 |
| Veterans (by veterans' ad-<br>ministration) ..... | 295   | 160   | 137   | 189   | 231   | ....  |
| Total .....                                       | 3,666 | 3,248 | 3,282 | 2,234 | 2,953 | 3,413 |
| <b>Enrolled strength:</b>                         |       |       |       |       |       |       |
| Maximum month.....                                | 2,926 | 3,047 | 2,950 | 2,757 | 3,805 | 5,163 |
| Minimum month.....                                | 2,156 | 2,434 | 1,793 | 1,670 | 2,173 | 2,629 |
| <b>Average Distribution of camps:</b>             |       |       |       |       |       |       |
| Bureau of Reclamation.....                        | 4     | 4     | 1     | 3     | 3     | 3     |
| National parks and monuments                      | 6     | 6     | 4     | 4     | 6     | 6     |
| Metropolitan areas.....                           | 2     | 2     | 2     | 3     | 5     | 7     |
| Grazing service.....                              | 8     | 8     | 8     | 5     | 4     | 5     |
| Total, Department of the In-<br>terior .....      | 20    | 20    | 18    | 15    | 18    | 21    |
| National forests.....                             | 10    | 10    | 10    | 11    | 10    | 10    |
| Private forests.....                              | ..    | ..    | ..    | ..    | ..    | 1     |
| Soil conservation service.....                    | 12    | 12    | 11    | 10    | 10    | 9     |
| Total, Department of Agricul-<br>ture .....       | 22    | 22    | 21    | 21    | 20    | 20    |
| Total, all services.....                          | 42    | 42    | 39    | 36    | 38    | 41    |

**RURAL ELECTRIFICATION: NUMBER OF FARMS IN COLORADO AND NUM-  
BER RECEIVING CENTRAL-STATION ELECTRIC SERVICE AS OF SPECIFIED  
DATES WITH COMPARISONS WITH UNITED STATES**

(Source: Rural Electrification Administration)

|                              | Colorado        |                          | United States   |                          | Colorado<br>Rank<br>Among<br>States |
|------------------------------|-----------------|--------------------------|-----------------|--------------------------|-------------------------------------|
|                              | Number<br>Farms | Per Cent<br>All<br>Farms | Number<br>Farms | Per Cent<br>All<br>Farms |                                     |
| Dec. 31, 1934.....           | 7,145           | 11.2                     | 743,954         | 10.9                     | 25                                  |
| Apr. 1, 1940.....            | 14,823          | 28.8                     | 1,853,249       | 30.4                     | 25                                  |
| June 30, 1941.....           | 18,600          | 36.2                     | 2,126,150       | 34.9                     | 24                                  |
| Increase 1941 over 1934..... | 11,455          | 160.3                    | 1,382,196       | 185.8                    | ..                                  |

**RURAL ELECTRIFICATION: STATUS OF COLORADO PROJECTS OF THE RURAL ELECTRIFICATION ADMINISTRATION, AS OF JUNE 30, 1940**

(Source: Rural Electrification Administration)

The Rural Electrification administration was created by executive order of President Roosevelt May 11, 1935, under the authority of the emergency relief appropriation act of 1935, with a one-year program. The rural electrification act of 1936 authorized the continuation of its program for 10 years. Under the second reorganization program REA became a unit of the department of agriculture July 1, 1939. Its purpose is to finance the construction of rural electric distribution systems in areas not already served, principally through loans to co-operative organizations, which are repayable in full. Under certain conditions loans are made to cover the entire cost of construction, and in some instances the administrator is empowered to finance the wiring of premises of persons in rural areas and the purchase and installation of electrical and plumbing equipment.

| Name of Borrower                                      | County                                       | Total Amount Allotted | Loan Contract Est. of Mileage | Loan Contract Est. of Consumers | Funds Advanced     | Mileage Energized |
|---|--|-----------------------|-------------------------------|---------------------------------|--------------------|-------------------|
| Grand Valley Rural Power Lines, Inc.-----             | Mesa -----                                   | \$ 225,500            | 201                           | 862                             | \$ 217,874         | 220               |
| San Luis Valley Rural Electric Cooperative, Inc.----- | Alamosa, Conejos, Saguache, Rio Grande ----- | 387,500               | 413                           | 1,045                           | 356,673            | 461               |
| Morgan County Rural Electric Association -----        | Morgan, Weld, Washington -----               | 605,000               | 459                           | 1,369                           | 565,012            | 380               |
| Intermountain Rural Electric Association -----        | Jefferson, Park-----                         | 126,000               | 99                            | 316                             | 109,610            | 109               |
| Southeast Colorado Power Association -----            | Bent, Prowers, Otero, Crowley, Pueblo---     | 687,500               | 647                           | 1,800                           | 607,205            | 510               |
| Delta Montrose Rural Power Lines Association-----     | Delta, Montrose----                          | 502,000               | 443                           | 1,403                           | 375,792            | 355               |
| Stonewall Electric Co.-----                           | Las Animas-----                              | 39,000                | 31                            | 163                             | 33,243             | 27                |
| Union Rural Electric Association, Inc.-----           | Adams, Boulder, Jefferson, Gilpin, Weld      | 275,000               | 346                           | 946                             | 196,055            | 312               |
| San Miguel Power Association, Inc. -----              | San Miguel, Montrose                         | 174,000               | 116                           | 482                             | 106,742            | ---               |
| Highline Electric Association--                       | Sedgwick, Phillips---                        | 125,500               | 100                           | 258                             | 74,884             | 101               |
| Poudre Valley Rural Electric Association, Inc.-----   | Larimer, Weld-----                           | 235,000               | 219                           | 608                             | 78,958             | ---               |
| <b>Total -----</b>                                    |  | <b>*\$3,382,000</b>   | <b>3,074</b>                  | <b>9,252</b>                    | <b>\$2,722,048</b> | <b>2,475</b>      |

\*Includes \$60,000 wiring of houses and plumbing.

**AAA PAYMENTS IN 1942**

The Agricultural Adjustment Agency paid \$9,686,878 to Colorado producers in the fiscal year ending June 30, 1942, on its 1941 program. The largest proportion of that total, \$4,856,609, approximately half, went for conservation payments. Sugar payments amounted to \$3,503,463; parity payments, \$979,961; and payments to county associations. \$346,845. The

payments were the lowest in the aggregate in any fiscal year since 1938. Sugar payments, however, were larger than in 1941, in which year they amounted to \$3,842,108. Additional information on the program for years prior to 1942 will be found on page 96. The amount allotted to Colorado for general administrative expenses from July 1, 1941, to June 30, 1942, was \$226,331.

## Federal Lands and Reserves

Areas and Acreage, Distribution by Types, Limitations Upon Use, Receipts from and Distribution of Same, Minerals Produced on, Withdrawals, National Forests, National Parks and Monuments, Grazing Districts, Recreational Data on National Forests

IT is next to impossible to compile exact figures on the area of land in Colorado owned by the United States government on account of the numerous laws affecting titles, the frequent dual ownership of surface and sub-surface rights, the many transfers which steadily are taking place and the lack of coordinated statistics as of any given date. However, it is certain that the federal government is by far the largest landholder in the state. Its ownership and control of the surface area alone aggregates approximately 35.5 per cent of the total land area. The inclusion of the sub-surface deposits to which title rests in the government would bring a much higher percentage.

An estimate of the distribution of title in the surface area of the state approximately is as follows.

|   | Acres             | % of Total Area |
|---|-------------------|-----------------|
| Federal, including Indian .....           | 23,634,131        | 35.5            |
| State lands .....                         | 3,282,623         | 4.9             |
| Privately owned (assessed) .....          | 38,011,279        | 57.2            |
| Unaccounted for (survey errors, etc.).... | 1,610,847         | 2.4             |
| <b>Total .....</b>                        | <b>66,538,880</b> | <b>100.0</b>    |

The total land area of the state used in the above tabulation are the revised figures set up by the bureau of the census in 1940.

**Surface Area**—The state planning commission has made as complete a compilation of separate government titles and other varieties of surface control as is possible in the light of the inaccuracies of surveys, the conflicting and overlapping titles, and unreported ownership. The figures, in most instances, are as of June 30, 1940. In the following table that date prevails unless another is stated. Land acquired by government departments for military purposes, in resettlement projects, wildlife management, and many other undertakings not separately reported would change these totals to some extent. Also, slightly different totals of later dates may appear elsewhere in this volume, since

no attempt is made to reconcile the constantly occurring changes.

The distribution of the surface areas as above described are as follows:

| Type of Land  | Acres      |
|---|------------|
| Public domain, unappropriated..                                 | 7,937,490  |
| Unperfected entries; public land entered but not yet patented.. | 107,578    |
| National forests (area under federal jurisdiction) .....        | 13,661,830 |
| National parks and monuments (June 30, 1941).....               | 595,478    |
| Indian land under jurisdiction of office of Indian affairs..... | 666,533    |
| Power reserves, all classes.....                                | 426,164    |
| Public water reserves.....                                      | 12,898     |
| Naval oil reserves.....   | 55,680     |
| Military reserves (Jan. 28, 1941)                               | 31,468     |
| Stock driveways (June 30, 1941)                                 | 131,413    |
| Public land within reclamation projects .....                   | 5,600      |
| National Guard rifle range.....                                 | 1,999      |

Total .....

A table presented at a hearing before a sub-committee of the Senate public lands committee in Casper, Wyoming, in September, 1941, showed that Colorado had the highest percentage of privately owned and the lowest percentage of federal-owned land among the 11 western states except the state of Washington.

**Sub-surface Area**—In addition to the control and ownership of surface titles, the federal government controls the mineral deposits on vast areas of land long since in private ownership, through reservations included at the time of patent. Millions of acres, for instance, have passed into private ownership through patent under the stock-grazing or 640-acre homestead law, in all of which the mineral deposits were forever reserved to the federal government, and the same is true of non-metallic minerals in most of the public domain which has passed into private ownership since passage of the oil and gas leasing acts of 1914 and 1920.

No attempt has ever been made, and it probably would be impossible to compile, with anything approaching accuracy, a complete statement of the sub-surface holdings of the federal government within the state. Mineral deposits generally are subject to leasing or development under sundry laws even when the surface land is in pri-

vate ownership or in withdrawals made by the government. In the latter class are stock driveways, water reserves, etc., but not power reserves. The unappropriated and unreserved public domain, discussed later in this chapter, in which the surface title is in the government, including grazing districts, are subject to leasing for the development of mineral deposits under sundry laws.

**Withdrawn Lands**—Large areas of government land are withdrawn from time to time for a variety of purposes, including surveys, classification of the land, for future uses, etc. These withdrawals frequently overlap or are superimposed upon each other and are reported on the basis of all acreage included within the outer boundaries, regardless of privately owned lands or other excluded lands, so no accurate tabulation is possible. The following table includes the principal withdrawals, exclusive of national forests, national parks and monuments, and similar areas withheld from private acquisition. In many instances these withdrawals are included within the surface areas given above. The withdrawals reported have shown little change in recent years and the following are listed as of June 30, 1941:

| Withdrawn Land          | Acres     |
|-------------------------|-----------|
| Coal .....              | 4,142,233 |
| Oil .....               | 215,370   |
| Oil shale .....         | 1,172,778 |
| Sodium .....            | 120       |
| For classification..... | 573,178   |
| Pending resurvey.....   | 664,644   |
| Public waters .....     | 12,898    |
| Power reserves.....     | 426,164   |
| Stock driveways.....    | 131,413   |

The following are the areas under specified withdrawals shown above which have been classified as to the type of land:

| Classification       | Acres     |
|----------------------|-----------|
| Coal .....           | 3,082,272 |
| Oil shale.....       | 952,239   |
| Naval oil shale..... | 55,680    |
| Power sites.....     | 102,460   |

**Public Domain**—All unappropriated and unreserved federal land in Colorado theretofore subject to entry under homestead and other public laws was withdrawn from entry on November 26, 1934, by President Roosevelt under the provisions of the Taylor grazing act, approved June 28, 1934. This act authorizes the secretary of the interior to provide for the protection, orderly use and regulation of the public ranges and for the creation of stock grazing districts. Pending the creation of grazing districts, the classification of land within the designated areas as to its most valuable use and the concluding of exchanges of land between the

federal government and the several states, none of the public domain is open to homestead entry.

The withdrawal order was amended May 20, 1935, so as to make it applicable to all lands in the designated states upon the cancellation or release of prior entries, selections or claims, or upon the revocation of prior withdrawals, unless expressly otherwise provided in the order of revocation, so as to authorize the secretary of the interior to accept title to land offered in exchange under the provisions of the Taylor grazing act. It again was amended on November 26, 1935, to permit sales under section 14 and the issuance of leases under section 15 of the Taylor act so as not to debar the recognition or allowance of bona fide nonmetalliferous mining claims.

The laws under which homesteaders may file for entry on the public domain have not been changed, but the withdrawals and the restrictions limiting filings to only such land as is suitable for farming purposes after being so classified have reduced entries to a nominal number. Following the creation of a grazing district, the secretary of the interior is authorized to classify the land therein which is more suitable for agricultural crops than forage plants and to open such agricultural land to homestead entry in tracts not exceeding 320 acres in area. After entry is allowed, the homesteader will be entitled to possession of the land, but it remains a part of the grazing district until patent is issued. Provisions also are made for the sale of isolated tracts of the public domain.

Entries upon the public domain were decreasing rapidly in the years preceding the general withdrawal order of November 26, 1934. This was due primarily to the prior acquisition of the more desirable tracts by settlers. Entries in the 12 years before the withdrawal decreased from 1,258,989 acres in 1922 to 192,669 in 1933. Public and Indian lands entered in the fiscal years ending June 30 have dwindled almost to the vanishing point as shown by the following table of public and Indian land entered:

| Year       | Acres  |
|------------|--------|
| 1938 ..... | 39,862 |
| 1939 ..... | 7,112  |
| 1940 ..... | 1,166  |

Federal grants to Colorado out of the public domain under the enabling and other acts are given in a separate chapter under "State Land."

There are two district land offices in Colorado, one at Denver and the other at Pueblo, both of which are in

the postoffice buildings. These offices continue as heretofore to receive applications for licenses, leases and permits on the public domain for all purposes except for land entry and applications for grazing licenses in the grazing districts. The latter are made to the grazing service.

The government had 8,104,607 acres of unappropriated and unreserved public land in the state as of April 30, 1933, of which 7,026,624 acres are in grazing districts and 1,077,983 are outside of grazing districts. This compares with 7,545,773 acres on July 1, 1933, just prior to the withdrawal, an increase of 558,834 acres. Most of this increase is credited to entries which had been filed but did not go to patent, and therefore reverted to the unappropriated domain. Surveying of the public domain is steadily progressing and on April 30, 1933, of the total of 8,104,607 acres listed, 704,916 acres remained unsurveyed.

A table is published herewith showing the vacant and unappropriated public domain within and without the grazing districts, by land office districts and by counties.

**Limitations Upon Mining**—There are practically no limitations upon metal mining on the federal lands in Colorado, the outstanding exception being that no metal mining is permitted within the limits of the two national parks. The federal government exacts no royalties on the production of metal mines, and no prospecting permits are required. The mineral deposits under stock-grazing homesteads and inside the limits of withdrawn stock driveways and water reserves are open to search and development, and in the case of metallic deposits may be explored and developed without royalty or other limitation except the protection of surface property rights.

Deposits of coal, oil, gas, phosphate and other non-metallic minerals are subject to more rigid limitations and to royalty obligations to the federal government. Such deposits within the national parks and national forests are subject to the provisions of the general leasing acts of 1914 and 1920, as are lands within the limits of stock driveways, water reserves, patented stock-grazing homesteads and all other public lands coming under the provisions of the general leasing acts referred to.

**Distribution of Public Land Receipts**—Under various public land laws the

earnings from such lands within the state are distributed as follows:

From the sale of public lands and fees and commissions in connection therewith Colorado receives nothing except a 5 per cent allotment from the net proceeds of the sales of agricultural lands lying within its borders. Public land states receive no part of the fees and commissions in connection with the disposition of such lands. Under that provision the reclamation fund received from Colorado land, \$11,167 in 1941, bringing the total through June 30, of that year, to \$10,312,861. The state had received up to June 30, 1929, a total of \$521,726 from sales, fees and commissions, and since then the amounts have been nominal as indicated by the status of the reclamation fund.

Receipts under the Taylor Grazing act are distributed 50 per cent to the states within which the lands are situated, and 25 per cent thereof, when appropriated by congress, may be expended for construction, purchase and maintenance of range improvements within the grazing districts from which the receipts came.

Receipts from all operations of the United States forests are divided between the federal government and the states within which the forests lie, 25 per cent of the total collections being remitted to the counties in proportion to their national forest acreages. In addition, 10 per cent of the total collections is devoted to road and trail construction within the forest where the earnings are made.

Receipts of the federal government from royalties and bonuses under the mineral leasing act are divided as follows: Ten per cent to the general treasury of the United States, 37½ per cent to the state where the royalties or bonuses are earned, for road and school purposes, and 52½ per cent to the United States reclamation fund.

**Coal**—Under the act of March 3, 1873, entries were made in Colorado on 216,609 acres of coal land, of which 58,496 acres were within the Ute Indian reservation. Since 1930 coal land is available only for lease. On June 30, 1941, there were 86 coal leases, 17 permits to prospect and 6 licenses to operate in effect in the state.

**Oil and Gas**—There were 243 leases for oil and gas outstanding on federal land within the state on June 30, 1941, and 263 prospecting permits.

**Potash and Sodium**—There was one sodium lease on 120 acres of federal

land in the state on June 30, 1941. There were no potash leases outstanding.

A table is published herewith giving the production of petroleum, natural gas, gasoline, coal and sodium on federal land in Colorado, with total ac-

crued revenues therefrom, by fiscal years ending June 30.

Receipts and distribution of funds of the national park service and grazing districts are given in separate chapters and accompanying tables listed under their respective headings.

**PUBLIC DOMAIN: PRODUCTION OF MINERALS FROM FEDERAL LAND IN COLORADO AND ACCRUED ROYALTY, BONUSES AND RENTALS BY FISCAL YEARS ENDING JUNE 30**

(Source: U. S. Geological Survey)

|           | Petroleum<br>(barrels) | Natural Gas<br>(M Cu. Ft.) | Gasoline<br>(Gallons) | Coal<br>(Short<br>tons) | Sodium<br>(Short<br>tons) | Accrued<br>Revenues |
|-----------|------------------------|----------------------------|-----------------------|-------------------------|---------------------------|---------------------|
| 1921..... |                        |                            |                       | 541                     | ....                      | \$ 63.10            |
| 1922..... | 36                     |                            |                       | 52,613                  | ....                      | 6,053.10            |
| 1923..... | 273                    |                            |                       | 219,627                 | ....                      | 26,032.21           |
| 1924..... | 17,730                 |                            |                       | 257,294                 | ....                      | 29,664.24           |
| 1925..... | 409,057                |                            |                       | 297,796                 | ....                      | 98,542.28           |
| 1926..... | 825,181                |                            |                       | 353,432                 | ....                      | 124,725.20          |
| 1927..... | 723,193                |                            |                       | 448,552                 | ....                      | 115,573.21          |
| 1928..... | 921,641                |                            |                       | 439,650                 | ....                      | 102,707.44          |
| 1929..... | 962,170                | 64,360                     | 73,522                | 490,446                 | ....                      | 106,832.27          |
| 1930..... | 725,040                | 877,430                    | 14,642                | 434,871                 | ....                      | 98,639.99           |
| 1931..... | 665,328                | 1,709,179                  | 17,916                | 396,389                 | ....                      | 86,695.59           |
| 1932..... | 544,073                | 1,308,602                  | 13,992                | 342,551                 | ....                      | 74,341.02           |
| 1933..... | 350,338                | 1,420,558                  | 37,826                | 272,299                 | ....                      | 74,533.10           |
| 1934..... | 417,341                | 1,030,944                  | 16,609                | 313,676                 | ....                      | 75,692.63           |
| 1935..... | 939,102                | 1,908,204                  | 39,885                | 361,531                 | ....                      | 124,938.64          |
| 1936..... | 1,141,737              | 2,243,987                  | 82,405                | 536,349                 | ....                      | 157,359.60          |
| 1937..... | 1,156,234              | 2,679,558                  | 88,858                | 597,299                 | 1,499                     | 162,905.43          |
| 1938..... | 1,006,257              | 1,413,857                  | 49,427                | 491,228                 | 1,325                     | 132,542.42          |
| 1939..... | 885,373                | 1,460,934                  | 55,868                | 579,083                 | 360                       | 142,095.93          |
| 1940..... | 944,352                | 1,391,425                  | 49,493                | 515,541                 | 314                       | 124,287.06          |
| 1941..... | 1,073,389              | 1,492,175                  | 81,042                | 446,059                 | 433                       | 125,359.41          |
| Total ... | 13,707,845             | 19,001,213                 | 621,485               | 7,846,827               | 3,931                     | \$1,989,583.87      |

**U. S. LAND SURVEYS**

The original public domain, exclusive of Alaska, aggregated 1,442,200,320 acres. The task of surveying that immense area of land, and often of resurveying it, has been in progress almost from the inception of the Union and still remains far from being completed. The work of mapping the land belonging to the government is directed from Denver, where the supervisor of surveys for all public land states has his headquarters. As of June 30, 1941, 1,321,731,522 acres had been surveyed,

leaving 120,468,798 acres unsurveyed. On April 30, 1938, there were 8,104,597 acres of public domain in Colorado remaining in the ownership of the government, of which 7,399,681 acres have been surveyed and 704,916 acres are unsurveyed. The importance of these surveys is difficult to realize since the results affect the property lines of individuals, of mineral claims and all land going into private ownership. The task of surveying continues year in and year out and many years must elapse before it finally is completed.

**PUBLIC DOMAIN: AREA IN ACRES OF VACANT PUBLIC LAND OF THE FEDERAL GOVERNMENT IN COLORADO, BY DISTRICTS AND COUNTIES AS OF APRIL 30, 1938**

(Source: U. S. General Land Office)

Note—Area in acres of unsurveyed land in any district or county may be determined by subtracting surveyed from total.

| DISTRICT AND COUNTY | Unappropriated and Unreserved Outside Grazing Districts |                  | Within Grazing Districts Subject to Grazing Use |                  | Total All Vacant Land |                  |
|---------------------|---|------------------|---|------------------|-----------------------|------------------|
|                     | Surveyed  | Total            | Surveyed  | Total            | Surveyed              | Total            |
| Denver District     |   |                  |   |                  |                       |                  |
| Boulder             | 400   | 400              |   |                  | 400                   | 400              |
| Chaffee             | 44,764  | 44,764           |   |                  | 44,764                | 44,764           |
| Clear Creek         | 5,000   | 9,860            |   |                  | 5,000                 | 9,860            |
| Delta               |   |                  | 154,533   | 157,573          | 154,533               | 157,573          |
| Dolores             |   |                  | 26,080  | 26,080           | 26,080                | 26,080           |
| Douglas             | 320   | 320              |   |                  | 320                   | 320              |
| Eagle               | 80  | 80               | 200,678   | 200,678          | 200,758               | 200,758          |
| Elbert              | 80  | 80               |   |                  | 80                    | 80               |
| Fremont             | 40  | 40               |   |                  | 40                    | 40               |
| Garfield            |   |                  | 620,677   | 635,817          | 620,677               | 635,817          |
| Gilpin              | 1,632   | 1,632            |   |                  | 1,632                 | 1,632            |
| Grand               | 15,320  | 15,320           | 51,480  | 58,200           | 66,800                | 73,520           |
| Gunnison            | 700   | 700              | 294,641   | 298,983          | 295,341               | 299,683          |
| Hinsdale            |   |                  | 100,532   | 139,362          | 100,532               | 139,362          |
| Jackson             |   |                  | 153,476   | 153,476          | 153,476               | 153,476          |
| Jefferson           | 2,040   | 2,040            |   |                  | 2,040                 | 2,040            |
| Lake                | 12,347  | 27,067           |   |                  | 12,347                | 27,067           |
| Larimer             | 23,507  | 23,507           |   |                  | 23,507                | 23,507           |
| Logan               | 2,400   | 2,400            |   |                  | 2,400                 | 2,400            |
| Mesa                | 1,720   | 1,720            | 775,000   | 914,070          | 776,720               | 915,790          |
| Moffat              | 960   | 960              | 1,322,513                                       | 1,504,745        | 1,323,473             | 1,505,705        |
| Montrose            |   |                  | 483,989   | 543,509          | 483,989               | 543,509          |
| Morgan              | 971   | 971              |   |                  | 971                   | 971              |
| Ouray               |   |                  | 30,690  | 32,610           | 30,690                | 32,610           |
| Park                | 53,504  | 53,504           |   |                  | 53,504                | 53,504           |
| Phillips            | 204   | 204              |   |                  | 204                   | 204              |
| Pitkin              |   |                  | 26,412  | 27,612           | 26,412                | 27,612           |
| Rio Blanco          | 1,574   | 1,574            | 1,110,582                                       | 1,193,736        | 1,112,156             | 1,195,310        |
| Routt               | 57,171  | 57,171           | 17,422  | 17,422           | 71,593                | 74,593           |
| Saguache            |   |                  | 85,974  | 85,974           | 85,974                | 85,974           |
| San Miguel          |   |                  | 261,239   | 312,919          | 261,239               | 312,919          |
| Sedgwick            | 31  | 31               |   |                  | 31                    | 31               |
| Summit              |   |                  | 10,048  | 10,048           | 10,048                | 10,048           |
| Teller              | 1,320   | 1,320            |   |                  | 1,320                 | 1,320            |
| Washington          | 1,081   | 1,081            |   |                  | 1,081                 | 1,081            |
| Weld                | 6,007   | 6,007            |   |                  | 6,007                 | 6,007            |
| Yuma                | 1,689   | 1,689            |   |                  | 1,689                 | 1,689            |
| <b>Total</b>        | <b>234,862</b>  | <b>254,442</b>   | <b>5,725,966</b>                                | <b>6,312,814</b> | <b>5,960,828</b>      | <b>6,567,256</b> |
| Pueblo District     |   |                  |   |                  |                       |                  |
| Alamosa             | 32,635  | 32,635           |   |                  | 32,635                | 32,635           |
| Archuleta*          |   |                  | 84,047  | 91,727           | 84,047                | 91,727           |
| Baca                | 2,117   | 2,117            |   |                  | 2,117                 | 2,117            |
| Bent                | 8,239   | 8,239            |   |                  | 8,239                 | 8,239            |
| Cheyenne            | 227   | 227              |   |                  | 227                   | 227              |
| Conejos             | 178,654   | 180,634          |   |                  | 178,654               | 180,634          |
| Crowley             | 2,845   | 2,845            |   |                  | 2,845                 | 2,845            |
| Custer              | 12,197  | 12,197           |   |                  | 12,197                | 12,197           |
| Dolores             |   |                  | 22,148  | 22,148           | 22,148                | 22,148           |
| Elbert              | 240   | 240              |   |                  | 240                   | 240              |
| El Paso             | 4,088   | 4,088            |   |                  | 4,088                 | 4,088            |
| Fremont             | 272,808   | 272,808          |   |                  | 272,808               | 272,808          |
| Hinsdale            |   |                  |   | 17,246           | 17,246                | 17,246           |
| Huerfano            | 55,217  | 55,217           |   |                  | 55,217                | 55,217           |
| Kiowa               | 1,475   | 1,475            |   |                  | 1,475                 | 1,475            |
| Kit Carson          | 143   | 143              |   |                  | 143                   | 143              |
| La Plata†           |   |                  | 148,737   | 154,479          | 148,737               | 154,479          |
| Las Animas          | 64,658  | 64,658           |   |                  | 64,658                | 64,658           |
| Lincoln             | 3,323   | 3,323            |   |                  | 3,323                 | 3,323            |
| Montezuma           |   |                  | 196,751   | 196,751          | 196,751               | 196,751          |
| Otero               | 5,148   | 5,148            |   |                  | 5,148                 | 5,148            |
| Ouray               |   |                  |   | 240              | 240                   | 240              |
| Prowers             | 1,028   | 1,028            |   |                  | 1,028                 | 1,028            |
| Pueblo              | 19,546  | 19,546           |   |                  | 19,546                | 19,546           |
| Rio Grande          | 79,305  | 81,749           |   |                  | 79,305                | 81,749           |
| Saguache            | 53,736  | 53,736           | 168,063   | 176,516          | 221,799               | 230,252          |
| San Juan            |   |                  |   | 54,703           | 54,703                | 54,703           |
| Teller              | 21,488  | 21,488           |   |                  | 21,488                | 21,488           |
| <b>Total</b>        | <b>819,117</b>  | <b>823,541</b>   | <b>619,746</b>                                  | <b>713,810</b>   | <b>1,438,863</b>      | <b>1,537,351</b> |
| <b>State total</b>  | <b>1,053,979</b>  | <b>1,077,983</b> | <b>6,345,712</b>                                | <b>7,026,624</b> | <b>7,399,691</b>      | <b>8,104,607</b> |

\*Approximately 86,526 acres of land in Archuleta county were restored to the Southern Ute Indian Reservation by Department order of September 14, 1938.

†Approximately 130,135 acres of land in La Plata county were restored to the Southern Ute Indian Reservation by Department order of September 14, 1938.

## NATIONAL FORESTS

A large portion of the mountainous region of Colorado is valuable primarily as forest land. Most of this rugged country, along both slopes of the Continental Divide, and extending irregularly along spurs east and west therefrom, is in national forests, which are under the supervision of the United States Forest Service. These forests are administrative units which have been established for ease in handling, based mainly upon topographic and watershed features. There are 14 forests wholly in the state and one other, the La Sal, which lies partially within its boundaries.

The San Isabel, with 617,767 acres, is the smallest in the state, while the Rio Grande, with 1,289,402 acres, is the largest. The forests average a little less than one million acres each in area or a net total of 13,660,165 acres.

These forests, together with four in Wyoming, two in South Dakota, and one in Nebraska, 21 in all, make up the Rocky Mountain region of the Forest Service. Colonel Allen S. Peck is regional forester, with headquarters in the Post Office building, Denver.

Assistant regional foresters are in charge of divisions of operation and fire control, personnel management, timber management and state and private forestry, wildlife and range management, recreation and lands, and engineering. A fiscal control office, a regional law officer, and an office of information and education complete the regional office organization. Each forest is in charge of a forest supervisor, who has from five to 10 rangers and technical assistants, as well as a clerical force to administer and protect the forest. There are about 300 permanent employees in the state, divided as follows: Denver regional office; Forest and Range experiment station, Fort Collins; and the 14 national forests.

In addition, a considerable number of foremen, technicians and clerks have been employed throughout the state since the spring of 1933 in connection with the Civilian Conservation Corps and other emergency projects. The number of CCC camps in the 14 national forests in Colorado has varied from 23 during the first six months' period of the CCC to three during the winter and spring of 1941-42.

These companies of young men have accomplished a great deal of needed work in the national forests including the eradication of beetle infested trees and prairie dogs, gophers and squir-

rels. Many miles of trails and fences, telephone lines and stock driveways have been built. Many acres of young stands of timber were thinned, camp grounds were developed, administrative buildings were constructed and the forest generally made safer from fire hazards and more usable to the public.

The 160 national forests of the United States contain 176,621,549 acres, the area in Colorado being less than 8 per cent of the total. The first national forest was established in Wyoming on March 30, 1891, by proclamation of President Benjamin Harrison. It was known as the Yellowstone Park timberland reserve, and is now the Shoshone national forest. The White River Plateau timberland reserve, the first in Colorado and second in the United States, he established on October 16, 1891. It is the present White River national forest. In 1907, "forest reserves" became "national forests," to correct the misleading concept that the resources on the areas were to be reserved instead of used.

The national forests were created primarily for the production of timber and the protection of the watersheds which supply municipalities and irrigation enterprises with water. There are other important uses, such as grazing and recreation, which must be coordinated with the growing of timber in such a way that each will occupy its proper place. This system of multiple use is the keynote of national forest administration.

**Timber**—The forests of Colorado are one of the important resources of the state, but as yet are not used fully. The major portion of the merchantable timber in the state is found on the 14 national forests, from which by far the largest part of the annual production comes. During 1941 there were in operation within the state some 268 sawmills. The larger mills, with good equipment in the form of planers, edgers, and dry kilns, find a ready acceptance of their product not only in general markets throughout the state, but at points as far away as the Atlantic seaboard. Production of lumber for 1941, including sawed railroad ties and heavy squared mine timbers, is estimated at 75,000,000 feet, board measure. This is a slight reduction from 1940 due to the loss of the largest mill in the state at McPhee early in the year, adverse logging conditions because of unusually heavy snowfalls during the preceding winter, and rains in the summer, and a shortage of labor resulting from the draft and competi-

tion of war industries. Production of softwood lumber approximates one-third of the state's consumption.

In addition to sawed lumber, a considerable volume of telephone poles, round props for coal and metal mines, and other products were produced.

The cut from national forest lands for all types of products in terms of board feet was 54 345,000, with a stumpage value of \$140,722. Seven hundred twenty-seven timber sales were made during the year, many of them to farmers and ranchers in small amounts for their own use. In addition to timber sold, free permits were issued to farmers, ranchers, and others residing in and near the forests for 11,596,000 feet of dead timber for use as fuel, fencing, and other domestic purposes.

All trees sold on national forest lands are marked or otherwise designated before cutting, and only mature or defective trees or those removed as a thinning measure are marked or designated for removal. Timber is a crop, and like any other product of the soil must be removed when ripe, or like all living things it will ultimately die and decay. Many of the timber areas in the state, due to rough topography, high altitude, and the form of the trees, will never be cut. Such stands serve their highest purpose as stabilizers of the soil and as regulators of valuable irrigation water.

**Reforestation**—The forests of Colorado have many important uses in addition to their value for timber production. The forested watersheds which retard the melting of snow and equalize the flow of streams are of great value to farmers, irrigationists, and municipalities dependent on water for irrigation and domestic use. Their influence in preventing erosion and in retarding run-off during periods of heavy precipitation is also highly important.

Following the early day settlement of the state, many man-caused forest fires, as well as those set by lightning, destroyed many hundreds of thousands of acres of the original forested areas in Colorado. In addition, there are some areas both inside and outside the boundaries of our national forests where the forest cover has been destroyed in more recent times. Of this large area of fire-killed forest, forest service officials have estimated that approximately 172,000 acres of national forest land should be planted to trees if the original forest cover is to be re-established within a reasonable period of time.

During the past 30 years or more, more or less planting has been accomplished on each of the 14 national forests of the state. A total of 55,140 acres has been planted up to the close of 1941 in Colorado by the Forest service. Out of that total 41,644 acres of successful plantings survived. Drought has been the principal cause of loss in plantings. Of the above-named acreage of tree plantings, the Pike National forest has the larger part. Two of the larger planting projects are the Pikes Peak and Mount Herman areas on each of which are now growing approximately 10,000 acres of planted trees. These trees are now up to 30 years old.

All of these trees planted in the past have been grown at the Forest Service nursery located near Monument, Colorado, which has a maximum capacity of about 5½ million trees per year. Present output has been reduced to 3 million seedlings and transplants all three to five years old when they are ready to leave the nursery to be planted in the mountains.

In addition to the trees produced for and planted by the Forest service, 213,000 trees in 1941 were made available to cooperating agencies including the State Forester of Colorado. The trees supplied the State Forester are used in the cooperative distribution of forest planting stock to farmers for the planting of windbreaks, woodlots, and shelterbelts on farms.

The tree planting done on the national forests of Colorado is on important watersheds serving the larger cities, including Denver, Colorado Springs, Salida, Trinidad, Boulder, Fort Collins, Greeley, Fruita, Grand Junction, and many others. A total of 5,734 acres were planted on the national forests of Colorado in 1941, all of which were native conifers such as ponderosa and lodgepole pine, Engelmann spruce and Douglas fir.

**Insect Control**—While the forest trees of the state have been subject to loss from the attacks of destructive forest insects, chief of which in importance are the several species of bark beetles, it was not until 1933 that attacks of epidemic proportions occurred. Prompt and vigorous control measures were instituted in that year and have been continued since then.

The aggressive measures which have been used by the Forest service during the period from 1933 to 1940 for the control of serious bark beetle infestations have been so successful that a material decrease in the number of trees in need of treatment has taken

place. For example, in 1939 it was necessary to destroy 25 240 insect-infested trees on seven national forests in Colorado. In 1940, the number treated was 6,474 and in 1941 the total dropped to 3,989 trees. The most serious forest insect infestations in 1941 were in Douglas fir stands on the San Juan forest, in ponderosa pine on the Cochetopa forest, and in lodgepole pine on the Routt National forest.

Because of the constant danger of serious infestations developing, forest officers make systematic examinations of timbered lands and report each fall on the presence of any insect attacks that they may have found. With these reports available proper control measures can be undertaken.

**Fire Control**—Forest fire fighting was an entirely new job when the national forests were organized and no one knew very much about controlling big fires under dangerous conditions. The national forest fire fighting organization in this state may be said to start with 1908 and the forest fire statistics that have been recorded each year began in that year. The reduction of losses from forest fires from the situation that existed in early days has been remarkable throughout Colorado, and the Rocky Mountain region of the forest service is known country-wide for its very low fire losses.

Many factors have contributed to this. The most important has been the very strong public support for protection of forests and the alert action by local citizens in both reporting and putting out small fires as they occur.

Fire destruction has ranged all the way from nearly 4,000 acres in 1910 to a new record low of less than 50 acres in 1941. The number of fires that have occurred has not shown a similar reduction from all causes, although the proportionate number of fires caused by man's carelessness has steadily reduced over the period. The fires caused by railroads, debris burning, incendiary, and by logging operations have shown a very sharp decrease until now only a very few from these causes occur each year. However, the number of fires from smokers and from camping have shown a tendency to remain at a comparatively high level.

The number of fires and the number man-caused, and the area (in acres) burned over, by type of ownership and by years, are as follows:

| Year      | Fires<br>(Number)<br>Total | Area Burned<br>Over (Acres) |                     |                 |
|-----------|----------------------------|-----------------------------|---------------------|-----------------|
|           |                            | Man-<br>caused              | National<br>Forests | Private<br>Land |
| 1937..... | 143                        | 79                          | 100                 | 28              |
| 1938..... | 118                        | 64                          | 626                 | 92              |
| 1939..... | 440                        | 274                         | 2,914               | 2,085           |
| 1940..... | 257                        | 89                          | 665                 | 115             |
| 1941..... | 102                        | 42                          | 32                  | 17              |

Recent developments which are contributing materially to the efficiency of fire fighting are the so-called fire danger meters, which are being used by forest officers to indicate just how dangerous weather conditions are at any given time. This device brings together all of the factors which tend to create high hazards in the forest and combines them into a single figure so that fire danger can be determined on a scale of 0-100 and used much as a temperature reading in determining what needs to be done. The Weather bureau is cooperating with the Forest Service in developing special weather forecasts which will be of more value in forecasting conditions in the mountains. This will be extended during 1942 although the information cannot be made available to the general public because of war censorship requirements.

**Roads**—A comprehensive system of roads and trails has been adopted for the national forests, and the Forest Service alone or in cooperation with the state or counties is engaged in the improvement of roads on that system, using government and cooperative funds. The roads are divided into two major classes: Forest highways and forest development roads, which also include trails.

Forest highways include roads that are of prime importance to the state, counties and communities, and funds for their improvement are programmed upon joint recommendation by the state highway department, Public Roads Administration, and Forest Service, based upon surveys and estimates prepared by the Public Roads Administration, which also has direct supervision of their construction. Forest development roads and trails are of vital importance in the protection of the forest against fires, and are also used in administration and in the marketing of the forest crop. Such roads, with the exception of a few which require expert engineering, are of lower standard than forest highways and are constructed by the Forest Service organization.

During the fiscal years of 1940 and 1941, \$1,514,702 was expended in the improvement of forest roads and trails. Of this amount \$944,593 was for forest

highways, \$496,663 for forest development roads, and \$73,446 for trails. In addition to the above, \$270,515 was spent in the maintenance of minor roads and trails.

Ninety miles of roads and 144 miles of trails were completed during the fiscal years 1940 and 1941, which brings the total mileage constructed in the national forests in the state to 2,325 miles of roads and 12,604 miles of trails.

**Recreation**—Increasing numbers of people from all over the nation are visiting the national forests of Colorado, both in summer and winter, for the enjoyment of outdoor recreation. Recreational development of various kinds have been provided by the Forest Service to meet this demand as an important function of the principle of multiple use of these government-owned lands.

The national forests of the state include millions of acres of mountain areas extending in many areas from foothills to above timberline. In 1941, it is estimated that four and one half million people visited these forests, chiefly for rest and recreation. Campers and picnickers totaled nearly a half million people, while about the same number were summer home, resort and dude ranch guests. The number visiting winter sport centers is estimated at 90,000 people.

The largest number of visitors spend their time fishing, chiefly for trout, hunting for deer, elk, bear and other big game animals, mountain climbing, or just resting.

In addition to these, three million people travel through the Colorado national forests on recreation and sight-seeing trips, including cross country travelers. While local citizens visited the forests in large numbers, many visitors came particularly from the midwestern farming states, but all states send large quotas to Colorado each year.

Of all recreation use in recent years, most rapid increase has been in the numbers of winter sports enthusiasts. Only a very few years ago, no use of mountain areas was made for recreation, and the only skiers or snowshoers were employees of the Forest Service, or of mining and irrigation companies whose duties required them to travel these areas in winter. In cooperation with locally formed ski clubs and other interested groups, the Forest Service has constructed ski runs and trails, shelters and sanitation conveniences, while local groups or individuals have constructed rope tows

and ski lifts under authorization from the Forest Service.

The most heavily used areas in the national forests include Berthoud Pass, Loveland Pass, and Winter Park on the Arapaho; Pikes Peak on the Pike; Rabbit Ears on the Routt; Monarch Pass and Climax on the Cochetopa; Pioneer on the Gunnison; and Mesa Creek on the Grand Mesa.

**Land Exchange**—Areas of privately owned land, chiefly acquired before the creation of the national forests, as homestead lands, timber and stone claims, or mining claims, are found in most of the national forests of Colorado. In many instances owners of these lands no longer wish to retain title, realizing that their highest value is as timber producing lands under administration of the Forest Service. Under authorization of congress, these lands are being acquired by exchange, which permits their acquisition by paying for them through receipts from the sale of timber under tripartite exchange procedure. The Forest Service is thus able to consolidate its holdings in the interests of better forest management and administration.

**Grazing**—The national forests are administered in a manner to secure full use of the grazing resources, to keep such use in harmony with other forest uses and to maintain a maximum forage production. The grazing of livestock on the national forests must be carried on without serious conflict with timber growing, watershed production, wildlife, recreation or other uses. The total area of the 15 national forests in Colorado is over 13,600,000 acres. About 65 per cent of this area is used for the grazing of domestic stock. A part of the remaining area is suitable for livestock but is considered as serving some other forest use better. The balance of the area is unsuited to grazing by domestic stock because it is barren, rocky or covered by a dense stand of coniferous timber, supporting little forage.

The number of stock grazed on the national forests of Colorado is as follows:

| Year | No. of Permits | No. of Stock | Class             |
|------|----------------|--------------|-------------------|
| 1940 | 2,484          | 209,819      | Cattle and horses |
|      | 758            | 808,503      | Sheep and goats   |
| 1941 | 2,507          | 200,554      | Cattle and horses |
|      | 745            | 773,111      | Sheep and goats   |

The cattle ranges are mostly found in the lower elevations where the more rolling topography and types of forage are better suited to this kind of stock. The grazing period for cattle on the national forests is approximately four

and one-half months. Sheep ranges are located in the higher elevations, particularly above timberline, where the topography is rugged and the feed is better adapted to sheep. These summer sheep ranges are used for about three months because of the shorter growing season.

Forest range in Colorado is now fully stocked by permittees who have qualified through ownership of improved ranch property and continued use of the range. New applicants for forest range can only be given consideration through purchase of land or livestock from present permittees, together with waiver of their grazing privileges on the forest.

Only cattle or sheep over six months of age are charged for; that is, the calves and lambs are admitted free if by their mothers' sides and not over six months old. The fee is a per capita charge for the season and is based on a monthly rate established prior to 1931 for each range. This rate is varied from year to year according to the ups and downs in market price for western feeder cattle and feeder lambs. The average base fee for cattle is about 17 cents per head per month and for sheep about 5½ cents per head per month. The variations due to market fluctuations have been as follows for the past several years. The fee in any year is the result of the base fee multiplied by the percentage figure given:

| Year | Cattle Per Cent | Sheep Per Cent |
|------|-----------------|----------------|
| 1935 | 55              | 60             |
| 1936 | 90              | 75             |
| 1937 | 87              | 81             |
| 1938 | 103             | 94             |
| 1939 | 92              | 73             |
| 1940 | 103             | 82             |
| 1941 | 110             | 86             |
| 1942 | 130             | 102            |

Many range improvements are necessary to insure proper use of the forage resources and proper handling of permitted stock. Such improvements include trails, stock driveways and bridges to permit getting stock onto the range and to facilitate handling them after they are on the range; drift, boundary and division fences to control stock movements; corrals for gathering and sorting, and the development of watering places to permit the use of "dry" ranges, and to better the distribution of stock on the range.

The following tabulation shows the extent, type and value of range improvements constructed, as of June 30, 1941:

| Type of Improvement                | Miles or Number | Cost Value  |
|------------------------------------|-----------------|-------------|
| Range fences and corrals           | 1,647.3         | \$1,180,638 |
| Stock driveways and bridges        | 1,957.5         | 153,505     |
| Range water development            | 845             | 91,579      |
| Other range management investments |                 | 237,232     |
| Total                              |                 | \$1,662,954 |
| Fish management improvement        |                 | \$86,684    |

**Wildlife**—Another important resource of the national forests is wildlife, which is dependent for existence upon the environment provided. Colorado forests, for example, furnish about 90 per cent of the summer and 45 per cent of the winter range for all big game animals in the state. Following are estimates of the numbers of big game frequenting Colorado national forests:

|                |         |
|----------------|---------|
| Antelope       | 130     |
| Black bear     | 4,200   |
| Grizzly bear   | 5       |
| Mule deer      | 143,000 |
| Elk            | 23,000  |
| Mountain sheep | 1,800   |

Numbers of deer have doubled and redoubled since 1920. The hunter take on the national forests of Colorado for the 1941 season was only 25 per cent of the annual increase, and the kill should have more than the annual increase in order to reduce the herd to the normal carrying capacity of national forest ranges. It is estimated that there are now some 25 per cent more deer on forest ranges, principally on problem areas, than the ranges will support. The drain on the basic resource of soil and forage continues to increase. The Forest Service is working with the Colorado game officials in an effort to reduce the deer herds to their proper numbers. Circumstances occasioned by the war will perhaps reduce the hunting effort at least 50 per cent. In order to compensate for this reduction, it will perhaps be necessary to drastically liberalize seasons, bag limits and other regulations if the necessary harvest is obtained.

In these same forests also are found 5,800 miles of fishing streams and 19,000 surface-acres of fishing lakes, stocked principally with trout, including black spotted or cutthroat, rainbow, eastern brook, Lochleven and mackinaw.

Each year between 6 and 8 million trout are stocked on the Colorado national forests. These fish are obtained from state and federal fish hatcheries and are stocked through the joint ef-

fort of both state and federal governments.

All field officers of the Forest Service serve as special deputy state game wardens and assist regular state officers in game law enforcement work.

**Finances**—The receipts from the sale of timber, grazing, special use permits and other uses amounted to \$424,559 during the fiscal year ended June 30, 1940, and \$372,027 during the fiscal year ended June 30, 1941. Twenty-five per cent of these amounts, or \$106,140 and \$93,007 respectively, was turned over to the counties in which the national forests are located, for schools and roads in accordance with the federal statutes; and an additional 10 per cent, or \$42,456 and \$37,203, respectively, was allotted direct to the Forest Service for expenditure for roads and trails within the national forests located in the state, which made a total of 35 per cent or \$148,596 of the gross receipts for the fiscal year 1940 and \$130,210 for the fiscal year 1941 available for use within the state.

During the fiscal year 1940, \$1,417,760 was expended for capital investments, of which \$642,828 was for the construction of roads and trails in

the national forests of Colorado. The sum of \$101,724 was expended in the development of public camp grounds and recreational facilities.

During the fiscal year 1941, \$1,192,860 was expended for capital investments, of which \$590,070 was for the construction of roads and trails in the national forests. The sum of \$73,085 was expended in the development of public camp grounds and recreational facilities.

A total of \$1,275,388 was expended during the fiscal year 1940 and \$957,702 during the fiscal year 1941 for maintenance of improvements and for the administration of the national forests in the state; further sums of \$167,688 and \$75,673, respectively, being expended for the protection of these forests from fire, disease and insects during the same fiscal years. The total expenditures within the state, including the emergency relief program were \$2,693,148 during the fiscal year 1940 and \$2,342,844 during the fiscal year 1941. The total of \$21,972 and \$24,339 were expended in cooperation with other federal bureaus, the state, and individuals during the fiscal years 1940 and 1941, respectively.

**NATIONAL FORESTS: NAMES, ACRES, LOCATIONS BY COUNTIES, AND SUPERVISORS' HEADQUARTERS OF NATIONAL FORESTS, WHOLLY OR PARTLY IN COLORADO**

(Source: National Forest Service)

| National Forests | Acres     | Supervisors' Headquarters | Counties in Which Located   |
|------------------|-----------|---------------------------|---|
| Arapaho .....    | 667,602   | Idaho Springs.....        | Clear Creek, Eagle, Gilpin, Grand, Jackson, Jefferson, Park, Summit       |
| Cochetopa .....  | 1,175,768 | Salida .....              | Chaffee, Fremont, Gunnison, Lake, Park, Saguache                          |
| Grand Mesa.....  | 653,170   | Grand Junction....        | Delta, Gunnison, Garfield, Mesa   |
| Gunnison .....   | 1,284,685 | Gunnison .....            | Delta, Gunnison, Hinsdale, Montrose, Saguache                             |
| Holy Cross.....  | 1,089,622 | Glenwood Springs..        | Eagle, Garfield, Gunnison, Pitkin   |
| La Sal*.....     | 26,631    | Moab, Utah.....           | Mesa, Montrose  |
| Montezuma .....  | 757,303   | Cortez .....              | Dolores, La Plata, Montezuma, San Miguel                                  |
| Pike .....       | 1,076,109 | Colorado Springs...       | Clear Creek, Douglas, El Paso, Jefferson, Park, Teller                    |
| Rio Grande.....  | 1,289,402 | Monte Vista.....          | Archuleta, Conejos, Hinsdale, Mineral, Rio Grande, Saguache, San Juan     |
| Roosevelt .....  | 788,068   | Fort Collins.....         | Boulder, Gilpin, Jefferson, Larimer                                       |
| Routt .....      | 988,593   | Steamboat Springs..       | Grand, Jackson, Routt, Moffat   |
| San Isabel.....  | 617,767   | Pueblo .....              | Alamosa, Chaffee, Custer, Fremont, Huerfano, Las Animas, Pueblo, Saguache |
| San Juan.....    | 1,263,938 | Durango.....              | Archuleta, Conejos, Hinsdale, La Plata, Mineral, Rio Grande, San Juan     |
| Uncompahgre .... | 786,168   | Delta .....               | Delta, Gunnison, Hinsdale, Mesa, Montrose, Ouray, San Juan, San Miguel    |
| White River..... | 895,339   | Glenwood Springs..        | Eagle, Garfield, Moffat, Rio Blanco, Routt                                |

\*Lies principally in Utah. Colorado area only.

**NATIONAL FORESTS: RECEIPTS BY COUNTIES FROM NATIONAL FOREST SERVICE, FISCAL YEARS ENDING JUNE 30**

(Source: National Forest Service)

Note—A congressional act provides that 25 per cent of receipts from the sale of timber, forage and other forest resources be given to the counties within which the forests are located for roads and schools. The distribution to individual counties is based on the proportionate area of national forest land included within the boundaries. The money is paid by the treasury department to the state treasurer, who in turn makes the proper distribution to counties.

| COUNTY      | 1941              | 1940         | 1939         | 1938         | 1937         | 1936         |
|-------------|-------------------|--------------|--------------|--------------|--------------|--------------|
| Adams       | .....             | .....        | .....        | .....        | .....        | .....        |
| Alamosa     | .....\$ 110.49    | \$ 111.34    | \$ 129.82    | \$ 130.92    | \$ 148.70    | \$ 120.92    |
| Arapahoe    | .....             | .....        | .....        | .....        | .....        | .....        |
| Archuleta   | ..... 2,426.46    | 1,931.74     | 2,739.00     | 3,031.54     | 2,972.09     | 2,290.35     |
| Baca        | .....             | .....        | .....        | .....        | .....        | .....        |
| Bent        | .....             | .....        | .....        | .....        | .....        | .....        |
| Boulder     | ..... 1,048.92    | 1,112.12     | 2,210.34     | 2,031.50     | 1,353.90     | 966.97       |
| Chaffee     | ..... 1,327.11    | 1,064.97     | 1,293.18     | 1,432.02     | 1,646.35     | 1,724.24     |
| Cheyenne    | .....             | .....        | .....        | .....        | .....        | .....        |
| Clear Creek | ..... 949.74      | 851.09       | 1,111.17     | 1,061.04     | 961.91       | 1,460.80     |
| Conejos     | ..... 2,154.96    | 1,482.66     | 1,969.78     | 2,046.97     | 2,395.70     | 2,916.03     |
| Costilla    | .....             | .....        | .....        | .....        | .....        | .....        |
| Crowley     | .....             | .....        | .....        | .....        | .....        | .....        |
| Custer      | ..... 644.96      | 650.00       | 757.89       | 761.42       | 864.80       | 702.30       |
| Delta       | ..... 2,126.71    | 2,152.98     | 1,915.20     | 2,697.98     | 2,536.46     | 2,119.68     |
| Denver      | .....             | .....        | .....        | .....        | .....        | .....        |
| Dolores     | ..... 5,869.49    | 5,086.65     | 7,692.73     | 6,713.30     | 8,261.25     | 6,082.42     |
| Douglas     | ..... 1,070.77    | 1,007.45     | 1,078.00     | 1,246.70     | 1,458.60     | 1,159.88     |
| Eagle       | ..... 4,483.40    | 3,647.22     | 4,659.29     | 4,810.10     | 5,514.44     | 4,736.57     |
| Elbert      | .....             | .....        | .....        | .....        | .....        | .....        |
| El Paso     | ..... 796.39      | 736.88       | 801.64       | 917.90       | 1,073.46     | 853.30       |
| Fremont     | ..... 342.24      | 329.93       | 385.97       | 395.85       | 450.85       | 386.44       |
| Garfield    | ..... 5,777.33    | 5,153.88     | 6,355.91     | 5,914.65     | 6,484.28     | 6,332.47     |
| Gilpin      | ..... 426.35      | 437.67       | 821.67       | 768.24       | 532.55       | 444.45       |
| Grand       | ..... 3,223.82    | 2,858.29     | 3,736.87     | 3,580.43     | 3,303.63     | 2,923.90     |
| Gunnison    | ..... 7,449.48    | 6,485.09     | 7,370.59     | 7,101.50     | 9,902.45     | 8,602.07     |
| Hinsdale    | ..... 3,646.72    | 2,851.17     | 3,780.84     | 3,929.38     | 4,294.29     | 4,537.00     |
| Huerfano    | ..... 535.60      | 588.86       | 629.88       | 630.38       | 715.98       | 582.25       |
| Jackson     | ..... 3,485.37    | 3,016.22     | 3,764.89     | 4,781.04     | 4,975.08     | 3,029.58     |
| Jefferson   | ..... 805.23      | 743.94       | 819.56       | 875.56       | 1,055.93     | 814.83       |
| Kiowa       | .....             | .....        | .....        | .....        | .....        | .....        |
| Kit Carson  | .....             | .....        | .....        | .....        | .....        | .....        |
| Lake        | ..... 437.10      | 345.61       | 423.26       | 470.29       | 540.80       | 571.51       |
| La Plata    | ..... 2,380.87    | 1,906.23     | 2,712.63     | 2,940.94     | 2,916.96     | 2,233.28     |
| Larimer     | ..... 5,011.99    | 5,310.84     | 10,559.71    | 9,729.84     | 6,484.60     | 4,631.60     |
| Las Animas  | ..... 119.18      | 120.12       | 140.06       | 138.36       | 157.13       | 127.79       |
| Lincoln     | .....             | .....        | .....        | .....        | .....        | .....        |
| Logan       | .....             | .....        | .....        | .....        | .....        | .....        |
| Mesa        | ..... 5,930.20    | 5,981.99     | 5,954.40     | 7,713.66     | 6,843.92     | 6,785.13     |
| Mineral     | ..... 3,863.36    | 2,747.86     | 3,709.59     | 3,929.86     | 4,401.18     | 4,893.64     |
| Moffat      | ..... 437.63      | 379.44       | 473.90       | 491.34       | 514.64       | 332.94       |
| Montezuma   | ..... 4,618.00    | 4,002.16     | 6,053.58     | 4,878.95     | 6,005.22     | 4,420.41     |
| Montrose    | ..... 2,514.74    | 2,467.60     | 3,167.33     | 3,191.03     | 2,640.46     | 3,607.53     |
| Morgan      | .....             | .....        | .....        | .....        | .....        | .....        |
| Otero       | .....             | .....        | .....        | .....        | .....        | .....        |
| Ouray       | ..... 1,008.82    | 983.82       | 1,284.24     | 1,342.23     | 1,090.61     | 1,552.52     |
| Park        | ..... 5,081.47    | 4,692.23     | 5,121.05     | 5,731.94     | 6,693.21     | 5,367.39     |
| Phillips    | .....             | .....        | .....        | .....        | .....        | .....        |
| Pitkin      | ..... 3,453.33    | 2,783.01     | 3,546.82     | 3,726.79     | 4,310.74     | 3,655.17     |
| Prowers     | .....             | .....        | .....        | .....        | .....        | .....        |
| Pueblo      | ..... 111.80      | 112.67       | 131.37       | 132.48       | 149.64       | 121.69       |
| Río Blanco  | ..... 4,098.19    | 3,623.27     | 4,574.25     | 4,112.50     | 4,572.72     | 4,526.35     |
| Río Grande  | ..... 2,057.41    | 1,415.26     | 1,879.76     | 1,962.39     | 2,015.80     | 2,454.18     |
| Routt       | ..... 5,862.11    | 5,080.80     | 6,339.22     | 6,601.82     | 6,875.20     | 4,352.04     |
| Saguache    | ..... 4,058.73    | 3,255.50     | 3,978.15     | 3,777.70     | 4,416.78     | 4,215.68     |
| San Juan    | ..... 1,145.47    | 894.37       | 1,253.61     | 1,369.74     | 1,373.34     | 1,172.40     |
| San Miguel  | ..... 2,947.00    | 2,570.96     | 3,859.68     | 3,443.26     | 4,156.41     | 3,173.25     |
| Sedgwick    | .....             | .....        | .....        | .....        | .....        | .....        |
| Summit      | ..... 1,435.08    | 1,281.68     | 1,700.07     | 1,599.76     | 1,414.35     | 1,394.96     |
| Teller      | ..... 865.76      | 801.02       | 870.13       | 978.26       | 1,144.57     | 910.13       |
| Washington  | .....             | .....        | .....        | .....        | .....        | .....        |
| Weld        | .....             | .....        | .....        | .....        | .....        | .....        |
| Yuma        | .....             | .....        | .....        | .....        | .....        | .....        |
| State       | .....\$106,139.78 | \$ 93,006.69 | \$121,756.53 | \$123,121.56 | \$129,620.98 | \$113,286.04 |

## RECREATION DATA ON NATIONAL FORESTS

The national forests in Colorado afford many attractions to the residents of and visitors to the state, and ample provisions have been made for their accommodations. Elsewhere in this volume is a table giving the names of the forests, the counties in which they are located and the supervisor's headquarters. On each national forest are several improved camp and picnic grounds, totaling several hundred for the state. In or near the forests are commercial cabin camps, dude ranches, hotels and other resort facilities. The following contains condensed recreation data on the various forests prepared by the national forest service:

**Arapaho**—Mount Evans, world's highest automobile road and hotel; gold, silver mining; hot mineral springs; glaciers; west portal, Moffat tunnel; Gore Range wild area; Berthoud, Loveland, and Winter Park skiing centers.

**Cochetopa**—Highest average elevation of any national forest in the nation; 10 peaks over 14,000 feet; Snow Angel on Mt. Shavano; Shavano and La Garita wild areas; world's largest molybdenum mine; Monarch and Climax skiing centers.

**Grand Mesa**—Grand Mesa plateau—34,000 acres over 10,500 feet high; 250 lakes and reservoirs; variety of highland wild flowers; cliffs, canyons, waterfalls; Mesa Creek skiing center.

**Gunnison**—1,000 miles of fishing streams; big game herds; West Elk wild area; Taylor reservoir; Gothic natural area; Pioneer skiing center.

**Holy Cross**—Mount of the Holy Cross national monument; zinc, silver mines; source of marble for Lincoln Memorial and Tomb of the Unknown Soldier; Maroon-Snowmass wilderness area, in Elk Range; 4 peaks over 14,000 feet.

**Montezuma**—Three peaks over 14,000 feet; virgin forests of large ponderosa pines; Narraguinnep natural area; Beaver Indian massacre; prehistoric Indian camps and relics; gold mines; Wilson Mountain wild area.

**Pike**—Pikes Peak, Colorado's most widely known peak, with cog-road and automobile highway to the top; Hurricane Canon natural area; renowned gold camps; Monument Forest Service nursery; Pikes Peak skiing center.

**Rio Grande**—Many fishing lakes and streams; mining camps; Rio Grande reservoir; Wagon Wheel Gap; Rio Grande wild area; Wheeler national monument; Wolf Creek skiing center.

**Roosevelt**—Arapaho, Isabelle and St. Vrain glaciers; rugged Continental Di-

vide with many alpine lakes; Rawah wild area; east portal, Moffat tunnel; Cameron Pass skiing center.

**Route**—Continental Divide with perpetual ice and snow; trout streams and alpine lakes; Mt. Zirkle wilderness area; Rabbit Ears Pass skiing center.

**San Isabel**—Sangre de Cristo Range with over 40 timberline lakes, 5 peaks over 14,000 feet; Lake Isabel recreation area, Squirrel Creek road, Rainbow trail; colored stone walls of Cucharas; Marble Cave.

**San Juan**—Ice caves; peaks over 14,000 feet; picturesque canyons; alpine lakes; archaeological ruins; historic mines; San Juan wilderness area; Pine Creek reservoir.

**Uncompahgre**—Numerous peaks over 13,000 feet; 3 peaks over 14,000 feet; Uncompahgre plateau; gold mines; Uncompahgre wild area.

**White River**—Spectacular Glenwood canyon; Hanging lake; Bridal Veil falls; mineral hot springs; Trappers lake and other lakes and trout streams; largest big game herd in the state; Flat Tops wilderness area.

## NATIONAL PARKS AND MONUMENTS

Two national parks and six national monuments are located within the boundaries of Colorado and two national monuments on the boundary between Colorado and Utah. The total area of these parks and monuments as of June 30, 1941, was 595,478 acres.

A table published herewith gives the names, location, dates they were established, the authority by which they were created, and their area in acres as of June 30, 1941.

The national parks and monuments are under the supervision of the National Park service in the department of the interior. Management was decentralized on August 1, 1937, through the establishment of four regional offices for the purpose of making closer contact between the public and the government in the conduct of the activities. Rocky Mountain national park and the Holy Cross and Dinosaur monuments are in Region No. 2, which has its headquarters at Omaha, Nebr., and Mesa Verde park and Black Canyon, Colorado, Great Sand Dunes, Wheeler, Hovenweep and Yucca House monuments are in Region No. 3, with headquarters at Santa Fe, N. M.

The number of visitors entering the parks and monuments in Colorado run from 517,738 in 1935 to 1,013,585 in 1941, the last named year being the maximum. The Rocky Mountain park

ranks first with 685,393 in 1941, the year of maximum attendance, and a total of \$,458,846 in the 27 years ending with 1941. This park has ranked third among the national parks in the United States in the number of visitors for several years, being exceeded in 1937 to 1941, inclusive, only by the Great Smoky Mountains national park in North Carolina and Tennessee and the Shenandoah national park in Virginia.

A table published herewith gives the number of visitors and autos entering the parks and the number of visitors to the monuments, by years, for those years for which the data are available.

Brief descriptions of the parks and monuments in Colorado are as follows:

**Rocky Mountain National Park** lies in the heart of the Rockies and includes some of the most picturesque portions of the range. Its highest point is Long's peak, rising 14,255 feet above sea level. There are within its boundaries 65 named mountains which rise to an elevation of more than 10,000 feet above sea level, of which 42 have an altitude of 12,000 feet or more. It is one of the most accessible of the national parks and one of the most popular.

There are numerous mountain lodges, hotels and camping grounds within and adjacent to the park and ample accommodations for all visitors. The principal scenic attractions are reached over first-class highways maintained by the park service, and there are numerous trails and bypaths to the more remote areas. The streams and lakes are stocked regularly with trout from the government hatcheries. Uniformed guides are available for parties desiring such service. Provisions are made for mountain climbing, hiking, fishing and all outdoor sports, and rates for all accommodations within the park are under the supervision of the park service.

The park service completed in 1932 the Trail Ridge road in the park, at a cost of \$1,250,000. This road is acclaimed as one of the outstanding mountain highways of the world. For four miles it is located more than 12,000 feet above sea level and another stretch of 11 miles is above the 11,000 foot elevation.

**Mesa Verde National Park** is especially noted for the ruins of homes and villages of the ancient Cliff Dwellers, supposed to have been the earliest inhabitants of this part of the country. The ruins are found in canyons which intersect a high plateau that once is

supposed to have supported a population of at least 70,000 people. The numerous ruins are connected by excellent highways and trails, and the government furnishes guides for all visitors. Roads to the park have been greatly improved in recent years. The government maintains a camp for the accommodation of autoists and there is a hotel in the park. A museum in the park contains many interesting relics of the ancient people.

Research work conducted in the park in 1930 by Dr. A. E. Douglas, leader of the National Geographic tree-ring expeditions of the last decade, finally succeeded in erecting an unbroken tree-ring chronology extending from shortly before the year 700 A. D. to the present time by means of timbers found in the ruins.

Additional information on the museum in the park and the Cliff Dwellers will be found elsewhere in this volume in the chapter entitled "Museums."

Expenditures by the park service for the maintenance and improvement of the two national parks from 1908 to 1941, inclusive, aggregated \$3,126,351, distributed by parks and years as follows:

| Year | Expenditures |                |
|------|--------------|----------------|
|      | Mesa Verde   | Rocky Mountain |
| 1908 | \$ 7,500.00  | .....          |
| 1909 | 7,500.00     | .....          |
| 1910 | 7,500.00     | .....          |
| 1911 | 22,000.00    | .....          |
| 1912 | 7,500.00     | .....          |
| 1913 | 15,000.00    | .....          |
| 1914 | 10,000.00    | .....          |
| 1915 | 10,000.00    | \$ 3,000.00    |
| 1916 | 10,000.00    | 8,000.00       |
| 1917 | 9,999.00     | 9,964.24       |
| 1918 | 9,913.05     | 9,922.10       |
| 1919 | 17,022.44    | 9,993.94       |
| 1920 | 10,959.69    | 9,924.85       |
| 1921 | 13,929.71    | 39,945.40      |
| 1922 | 16,339.30    | 64,923.10      |
| 1923 | 42,812.62    | 73,153.99      |
| 1924 | 36,685.21    | 74,000.03      |
| 1925 | 43,183.46    | 122,888.53     |
| 1926 | 42,596.97    | 82,259.56      |
| 1927 | 70,591.36    | 85,100.00      |
| 1928 | 48,343.59    | 95,612.07      |
| 1929 | 78,134.00    | 95,230.00      |
| 1930 | 53,910.66    | 94,871.34      |
| 1931 | 95,799.70    | 104,880.57     |
| 1932 | 55,724.49    | 117,909.55     |
| 1933 | 91,693.26    | 111,361.48     |
| 1934 | 39,654.00    | 75,305.00      |
| 1935 | 42,433.99    | 73,083.36      |
| 1936 | 46,379.58    | 78,263.84      |
| 1937 | 48,122.40    | 80,152.50      |
| 1938 | 56,959.53    | 82,859.29      |
| 1939 | 56,348.44    | 95,928.87      |
| 1940 | 53,608.44    | 94,415.31      |
| 1941 | 57,926.38    | 96,331.27      |

Total ..... \$1,236,071.27 \$1,890,280.19

Revenue received by the park service from concessions, admissions, and service charges has shown a substantial increase in recent years, due to more extensive facilities and the inauguration of admission charges for those

entering Rocky Mountain park. Revenue by fiscal years ending June 30, was as follows:

| Year      | Revenue     |                |
|-----------|-------------|----------------|
|           | Mesa Verde  | Rocky Mountain |
| 1936..... | \$ 5,238.22 | \$ 4,326.60    |
| 1937..... | 6,903.11    | 1,617.25       |
| 1938..... | 6,588.27    | 2,304.13       |
| 1939..... | 9,074.83    | 11,438.60      |
| 1940..... | 11,084.77   | 68,074.83      |
| 1941..... | 10,478.72   | 73,700.00      |

**Black Canon of the Gunnison National Monument** lies along the Gunnison river in northeastern Montrose county, beginning a few miles to the northwest of Cimarron, a station on the Denver & Rio Grande Western railroad, and extending northwest. The river is named after Capt. John W. Gunnison of the United States army, who explored the region in 1853, and the gorge is called the Black canon because of the color of its precipitous walls. The canon, which narrows to 40 to 300 feet in width at the river bed, varies from 1,000 to 2,500 feet from rim to rim and rises to 1,725 to 2,724 feet above the river. It was considered impassable until 1901, when A. Lincoln Fellows, an engineer then with the United States reclamation service, and a companion negotiated the treacherous stream, although their boat was crushed by the torrent of waters. The canon is approximately 50 miles long and the monument embraces ten miles of the most picturesque part. The national park service has constructed and maintains a four-mile highway on the south rim, and a comparable paralleling highway on the north rim, to facilitate visitor travel to spectacular observation points within the national monument. Ranger service is maintained on both rims of the monument during the summer travel season.

**Colorado National Monument** is in a picturesque canon which has long been a popular scenic feature of that part of Colorado. The formation is similar to that of the Garden of the Gods at Colorado Springs, but it is generally conceded to be much more picturesque. President Hoover issued a proclamation on March 3, 1933, adding 3,789 acres to the monument, and thereby preserving in perpetuity an entrance to the monument through Nothoroughfare canon. This entrance highway is being improved, and the grading work includes a tunnel 535 feet long through solid rock.

**Dinosaur National Monument** originally embraced an 80-acre tract in Utah. It was enlarged by presidential proclamation on July 14, 1938, by the addition thereto of 26,605 acres in Utah

and 177,280 in Colorado, increasing the total area to 203,965 acres. The park contains deposits of fossil remains of prehistoric animal life of great scientific interest. Mature specimens measuring from nine inches to more than 80 feet in length were among the 450 tons of bones removed from the quarries up to 1941, and the supply apparently is inexhaustible. It is located on the Yampa plateau near the center of the western boundary of Moffat county and extends over into Utah. The United States geological survey completed a topographic map of the area in 1941.

The monument also contains the most forbidding, yet scenically the grandest and most beautiful of the canons of the Yampa and Green rivers.

**Great Sand Dunes National Monument** lies on the western slope of the Sangre de Cristo mountain range in the central-southern part of the state, mostly in Saguache county and extending over into Alamosa county. The area is noted for its peculiar and colorful formations arising out of wind-shifted sands in past ages. The dunes are among the largest of any sand dunes in the United States.

**Holy Cross National Monument** received its name from Holy Cross mountain, a peak rising to an elevation of 13,978 feet above sea level, upon the side of which is a figure in the form of a Greek cross formed by snow-filled ravines, which is an object of much public interest.

**Hovenweep National Monument** contains four groups of prehistoric towers, pueblos and cliff dwellings.

**Wheeler National Monument** is especially noted for its weird and very picturesque rock formation, unlike anything found elsewhere in Colorado, due to eccentric erosion and volcanic action.

**Yucca House National Monument** is located on the eastern slope of Sleeping Ute mountain and contains ruins of great archaeological value and relics of prehistoric inhabitants.

The two national parks in the state were created by congressional enactment, the Rocky Mountain national park on January 26, 1915, and Mesa Verde national park on June 29, 1906. The national monuments were established by presidential proclamations and Herbert Hoover was president when four of these were proclaimed. President Franklin D. Roosevelt issued proclamations so far during his regime in enlarging two of those already created. These were the Black Canon of the Gunnison and the Dinosaur national monument.

**NATIONAL PARKS AND MONUMENTS: NUMBER OF VISITORS AND AUTOS ENTERING PARKS AND MONUMENTS IN COLORADO, BY YEARS**

(Source: National Park Service)

| YEAR        | Mesa Verde |         | Rocky Mountain |           | Black Canon (Visitors) | Colorado (Visitors) |
|-------------|------------|---------|----------------|-----------|------------------------|---------------------|
|             | Visitors   | Autos   | Visitors       | Autos     |                        |                     |
| 1915.....   |            |         | 31,000         | (1)       |                        |                     |
| 1916.....   |            |         | 51,000         | (1)       |                        |                     |
| 1917.....   |            |         | 117,186        | (1)       |                        |                     |
| 1918.....   |            |         | 101,497        | (1)       |                        |                     |
| 1919.....   |            |         | 169,942        | (1)       |                        |                     |
| 1920.....   |            |         | 240,966        | (1)       |                        |                     |
| 1921.....   | 3,003      | 651     | 273,737        | 57,438    |                        |                     |
| 1922.....   | 4,251      | 969     | 219,164        | 52,112    |                        |                     |
| 1923.....   | 5,236      | 1,255   | 218,000        | 51,800    |                        |                     |
| 1924.....   | 7,109      | 1,803   | 224,211        | 53,696    |                        |                     |
| 1925.....   | 9,043      | 2,197   | 233,912        | 58,057    |                        | 9,000               |
| 1926.....   | 11,356     | 3,054   | 225,027        | 50,407    |                        | 9,000               |
| 1927.....   | 11,915     | 3,315   | 229,862        | 54,109    |                        | 9,500               |
| 1928.....   | 16,760     | 4,803   | 235,057        | 57,381    |                        | 10,000              |
| 1929.....   | 14,517     | 4,224   | 274,408        | 67,682    |                        | 12,000              |
| 1930.....   | 16,656     | 5,023   | 255,874        | 73,101    |                        | 13,000              |
| 1931.....   | 18,003     | 5,334   | 265,663        | 75,429    |                        | 16,000              |
| 1932.....   | 15,760     | 4,914   | 282,980        | 81,359    |                        | 18,000              |
| 1933.....   | 16,185     | 4,262   | 291,934        | 83,022    |                        | 20,000              |
| 1934.....   | 21,474     | 6,299   | 365,392        | 109,642   | 2,592                  | 1,718               |
| 1935.....   | 21,835     | 6,195   | 367,568        | 111,485   | 1,596                  | 4,959               |
| 1936.....   | 25,571     | 7,269   | 550,496        | 161,475   | 4,833                  | 11,033              |
| 1937.....   | 28,171     | 8,091   | 651,899        | 185,605   | 9,770                  | 14,642              |
| 1938.....   | 30,911     | 9,050   | 659,802        | 203,553   | 15,151                 | 64,715              |
| 1939.....   | 32,246     | 9,011   | 609,029        | 183,356   | 16,041                 | 37,130              |
| 1940.....   | 36,443     | 10,459  | 627,847        | 183,658   | 19,307                 | 39,316              |
| 1941.....   | 42,079     | 12,323  | 685,393        | 202,758   | 18,444                 | 31,333              |
| Total ..... | 388,524    | 110,501 | 8,458,846      | 2,157,125 | 87,734                 | 321,347             |

| Year      | Dinosaur (Visitors) | Great Sand Dunes (Visitors) | Holy Cross (Visitors) | Hovenweep (Visitors) | Wheeler (Visitors) | Yucca House (Visitors) | Total (Visitors) |
|-----------|---------------------|-----------------------------|-----------------------|----------------------|--------------------|------------------------|------------------|
| 1915..... |                     |                             |                       |                      |                    |                        | 31,000           |
| 1916..... |                     |                             |                       |                      |                    |                        | 51,000           |
| 1917..... |                     |                             |                       |                      |                    |                        | 117,186          |
| 1918..... |                     |                             |                       |                      |                    |                        | 101,497          |
| 1919..... |                     |                             |                       |                      |                    |                        | 169,942          |
| 1920..... |                     |                             |                       |                      |                    |                        | 240,966          |
| 1921..... |                     |                             |                       |                      |                    |                        | 334,829          |
| 1922..... |                     |                             |                       |                      |                    |                        | 276,496          |
| 1923..... |                     |                             |                       |                      |                    |                        | 276,291          |
| 1924..... |                     |                             |                       |                      |                    |                        | 286,819          |
| 1925..... |                     |                             |                       | 250                  |                    | 100                    | 312,559          |
| 1926..... |                     |                             |                       | 250                  |                    | 150                    | 299,244          |
| 1927..... |                     |                             |                       | 263                  |                    | 196                    | 309,160          |
| 1928..... |                     |                             |                       | 240                  |                    | 174                    | 324,415          |
| 1929..... |                     |                             |                       | 450                  |                    | 250                    | 373,531          |
| 1930..... |                     |                             |                       | 400                  |                    | 240                    | 364,294          |
| 1931..... |                     |                             |                       | 440                  |                    | 264                    | 381,133          |
| 1932..... |                     |                             |                       | 400                  |                    | 240                    | 403,653          |
| 1933..... |                     |                             |                       | 426                  |                    | 300                    | 416,129          |
| 1934..... |                     |                             |                       | 125                  |                    | 150                    | 507,392          |
| 1935..... |                     | 3,000                       | 600                   | 200                  |                    | 300                    | 517,738          |
| 1936..... |                     | 3,150                       | 550                   | 200                  | 390                | 400                    | 765,367          |
| 1937..... |                     | 3,497                       | 56                    | 500                  | 427                | 400                    | 903,059          |
| 1938..... |                     | 11,050                      | 40                    | 168                  | 450                | 172                    | 995,062          |
| 1939..... |                     | 11,700                      | 35                    | 150                  | 451                | 89                     | 899,238          |
| 1940..... | 10,928              | 8,419                       | ‡35                   | 352                  | +511               | 136                    | 937,411          |
| 1941..... | 9,133               | 11,171                      | +70                   | 299                  | +510               | 72                     | 1,013,585        |
| Total ..  | 20,061              | 51,987                      | 1,386                 | 5,113                | 2,739              | 3,633                  | 11,608,996       |

(1) No record.  
‡Estimated.

**NATIONAL PARKS AND MONUMENTS IN COLORADO, LOCATION, WHEN ESTABLISHED AND AREA IN ACRES**

| NAME                              | Location (County)              | Date Established | *Authority      | Area (Acres) June 30, 1941 |
|-----------------------------------|--------------------------------|------------------|-----------------|----------------------------|
| <b>NATIONAL PARKS</b>             |                                |                  |                 |                            |
| Mesa Verde.....                   | Montezuma .....                | June 29, 1906... | Congress .....  | 51,334                     |
| Rocky Mountain.....               | Larimer, Boulder, Grand .....  | Jan. 26, 1915... | Congress .....  | 259,827                    |
| <b>NATIONAL MONUMENTS</b>         |                                |                  |                 |                            |
| Black Canon of the Gunnison ..... | Montrose .....                 | Mar. 2, 1933...  | President ..... | 13,980                     |
| Colorado .....                    | Mesa .....                     | 1911...          | President ..... | 18,351                     |
| Dinosaur .....                    | Moffat, extends into Utah..... | Oct. 4, 1915...  | President ..... | 203,965                    |
| Great Sand Dunes...               | Saguache, Alamosa .....        | Mar. 17, 1932... | President ..... | 46,034                     |
| Holy Cross.....                   | Eagle .....                    | May 20, 1929...  | President ..... | 1,392                      |
| Hovenweep .....                   | Montezuma, extends into Utah.. | 1923...          | President ..... | 285                        |
| Wheeler .....                     | Mineral .....                  | 1908...          | President ..... | 300                        |
| Yucca House.....                  | Montezuma .....                | 1919...          | President ..... | 10                         |

\*Established by act of congress or by Presidential proclamation.

### GRAZING SERVICE

All unappropriated and unreserved public land in the United States was withdrawn from entry on November 26, 1934, by President Roosevelt under the provisions of the Taylor grazing act, approved June 28, 1934. This act authorizes the secretary of the interior to provide for the protection, orderly use and regulation of the public ranges and for the creation of stock grazing districts. This was the first law ever passed by congress giving primary attention to the control of grazing on public lands. It also provides for a broad land-planning and land-use program for the conservation of soil, water, forage and wildlife resources in the public interest.

The unreserved public domain area at the time of the passage of the act amounted to about 165,000,000 acres of so-called "left-over" land, a considerable part of which remained unattractive to private ownership. From these ranges, however, comes a substantial part of the nation's wool, leather, meat and mohair, and the sustained economic production of these necessities was recognized as of vital importance to consumers everywhere.

Congress delegated to the secretary of the interior broad administrative authority to establish grazing districts out of the public domain, make rules and regulations for the protection, administration, regulation and improvement of such districts, and to do all

things necessary to carry out the purposes of the act.

The secretary of the interior may dispose of certain lands within grazing districts in satisfaction of any valid rights. Lands in grazing districts which after classification are found to be more suitable for agriculture than for the production of native grasses and forage plants may be disposed of in tracts not to exceed 320 acres to any one applicant. The law also provides for advisory boards (formerly an administrative act) for the exchange of lands within grazing districts and for presidential appointment of a director of grazing.

Rules and regulations are embodied in the federal range code approved by the secretary of the interior. The basic policy of the code is the administration of grazing districts for the conservation of public domain and as far as compatible therewith to promote the proper use of privately controlled lands and water dependent upon it.

Preference in the granting of grazing privileges is given to those applicants within or near a district who are land owners engaged in the livestock business, bona fide occupants or settlers, or owners of water or water rights, as may be necessary to permit the proper use of lands, water or water rights, owned, occupied, or leased by them. Possession of base property and/or feed to insure a year-round operation for a certain number of live-

stock in connection with the use of the public domain is required of all users.

The law was amended June 26, 1936, increasing the 80,000,000-acre limit to 142,000,000 acres, permitting an additional 62,000,000 acres of public land to be included in grazing districts. It again was amended by the Pierce act of June 23, 1938, which authorizes the secretary of the interior to lease on behalf of the United States, state, county, corporation and private land in grazing districts chiefly valuable for grazing purposes. Such land is thus given protection under the act and the revenue produced therefrom is paid to the lessor.

The Grazing Service, a division of the department of the interior, was organized to administer the act. Its national headquarters was transferred from Washington to Salt Lake City on August 1, 1941. The service operates through regional offices, each in charge of a regional grazer. These regions conform to state lines and include: Arizona, New Mexico, Colorado, Wyoming, Utah, Nevada and part of eastern California, Montana, Idaho, and Oregon.

At the close of the fiscal year on June 3, 1941, there had been established 57 grazing districts in these 10 western states, including about 136,000,000 acres of vacant unappropriated public domain, 8,535,000 acres of other public land, and 121,000,000 acres of non-federal land.

The Colorado region is in charge of regional grazer Russell B. Rose. There are eight grazing districts in the state comprising a total of 7,825,089 acres of public lands subject to grazing, as of June 30, 1941, as follows:

| Meeker District  |           |
|------------------|-----------|
| County           | Acres     |
| Garfield .....   | 122,907   |
| Moffat .....     | 419,651   |
| Rio Blanco ..... | 1,191,883 |
| Total .....      | 1,734,441 |
| Summit District  |           |
| County           | Acres     |
| Eagle .....      | 218,340   |
| Garfield .....   | 10,073    |
| Grand .....      | 105,685   |
| Jackson .....    | 226,980   |
| Summit .....     | 14,457    |
| Total .....      | 575,535   |
| Ouray District   |           |
| County           | Acres     |
| Delta .....      | 206,273   |
| Gunnison .....   | 367,829   |
| Hinsdale .....   | 130,618   |
| Mesa .....       | 22,375    |
| Montrose .....   | 255,517   |
| Ouray .....      | 22,026    |
| Saguache .....   | 115,986   |
| San Juan .....   | 63,584    |
| Total .....      | 1,184,203 |

| Dolores District |           |
|------------------|-----------|
| County           | Acres     |
| Archuleta .....  | 10,251    |
| Dolores .....    | 66,024    |
| La Plata .....   | 33,430    |
| Mesa .....       | 162,238   |
| Montezuma .....  | 207,704   |
| Montrose .....   | 355,238   |
| San Miguel ..... | 323,416   |
| Total .....      | 1,158,301 |

| Royal Gorge District |         |
|----------------------|---------|
| County               | Acres   |
| Chaffee .....        | 6,320   |
| Custer .....         | 6,733   |
| Fremont .....        | 341,485 |
| Park .....           | 49,853  |
| Teller .....         | 23,977  |
| Total .....          | 428,368 |

| Yampa District |         |
|----------------|---------|
| County         | Acres   |
| Moffat .....   | 886,060 |

| Rifle District |           |
|----------------|-----------|
| County         | Acres     |
| Pitkin .....   | 36,355    |
| Eagle .....    | 1,781     |
| Garfield ..... | 656,525   |
| Mesa .....     | 709,217   |
| Total .....    | 1,403,878 |

| San Luis District            |           |
|------------------------------|-----------|
| County                       | Acres     |
| Alamosa .....                | 25,574    |
| Conejos .....                | 182,988   |
| Rio Grande .....             | 55,234    |
| Saguache .....               | 190,502   |
| Total .....                  | 454,298   |
| Total, Colorado Region ..... | 7,825,089 |

Regional headquarters for Colorado are at Grand Junction. District offices have been established at Craig for the Yampa and Summit districts, Meeker for the Meeker district, Grand Junction for the Rifle district, Montrose for the Ouray district, Norwood for the Dolores district, Canon City for the Royal Gorge district, and Alamosa for the San Luis district. Each district office is in charge of a district grazer.

There are 33 cattlemen, 29 sheepmen, and 8 wildlife representatives on the eight Colorado district advisory boards. Livestock representatives are elected by the qualified range users in the respective districts. Wildlife representatives are appointed by the secretary of the interior, upon the recommendation of the Colorado fish and game commission.

The Grazing Service in Colorado issued 2,100 permits and licenses for the grazing of 1,068,492 head of livestock in 1941. Approximately 300 licenses are issued annually for the trailing of stock crossing the federal range in this state. Through cooperation with the Colorado fish and game commission, the fish and wildlife service, and local sportsmen's groups, many projects beneficial to wildlife in the grazing areas have been undertaken. Rodent

control and predatory animal control have assisted in the conservation of range, stock and game. Specific areas have been set aside for game protection. These wildlife problems are fully considered in the broad program of administration.

An accompanying table shows the numbers of each class of livestock covered by grazing permits and licenses within each grazing district in Colorado for fiscal year 1941.

The land ownership of the western slope of Colorado includes private land, public domain, state and county land, forest areas, national park areas, Indian, reclamation, and various other reserved areas. Land ownership in grazing districts is composed mainly of state, private and public land interspersed and forming a complex land pattern.

In some instances isolated small tracts of public domain have been eliminated from the grazing districts and disposed of through sale or lease under Sections 14 and 15 of the Taylor act. Exchanges of use have been made, giving stockmen grazing rights on the public domain in return for administrative rights granted to the Grazing Service over the stockmen's private lands. Progress under Section 8 of the act has resulted in exchanges of state and federal land in Colorado grazing districts. By this means both the state and the federal governments have consolidated their respective holdings to the mutual advantage of each. These land activities have ad-

vanced the grazing program, providing for more solid areas of land to be supervised, and have permitted stock to remain in specified areas for longer periods of time.

The Grazing Service has constructed on the federal range of Colorado in the past few years the following types and quantities of range improvements:

- 846 Miles truck and stock trails, roads and driveways.
- 148 Miles fences.
- 27 Corrals.
- 33 Cattle guards.
- 44 Bridges.
- 157 Dams and reservoirs.
- 6 Wells.
- 175 Springs and waterholes.
- 5,525 Lin. ft. open ditches.
- 6,365 Lin. ft. diversion ditches.
- 349 Check dams.
- 36,550 Lin. ft. water spreaders.
- 35,000 Acres reseeding and revegetation.
- 92,965 Acres eradication of poisonous and noxious weeds.
- 1,134,000 Acres rodent control.

The Taylor act provides that 25 per cent of grazing fees collected shall be made available when appropriated by congress for construction, purchase and maintenance of range improvements on the public land and that 50 per cent of fees collected shall be paid to the states affected for expenditure as the respective state laws may provide.

Receipts from grazing fees in Colorado districts by fiscal years ending June 30, are as follows:

| Year | Amount      |
|------|-------------|
| 1940 | \$50,561.56 |
| 1941 | 45,523.07   |

**GRAZING SERVICE: NUMBER OF LIVESTOCK GRAZED ON FEDERAL RANGES IN COLORADO IN 1941, BY KIND AND DISTRICTS**

(Source: U. S. Grazing Service)

| District    | Cattle  | Horses | Sheep   | Total     |
|-------------|---------|--------|---------|-----------|
| Meeker      | 23,911  | 1,023  | 140,871 | 165,805   |
| Summit      | 34,102  | 572    | 52,087  | 86,761    |
| Ouray       | 34,303  | 1,453  | 222,459 | 258,215   |
| Dolores     | 15,487  | 747    | 123,488 | 139,722   |
| Royal Gorge | 14,557  | 364    | 42,335  | 57,256    |
| Yampa       | 3,454   | 420    | 119,618 | 123,492   |
| Rifle       | 40,931  | 1,091  | 80,027  | 122,049   |
| San Luis    | 7,493   | 394    | 107,305 | 115,192   |
| Total       | 174,238 | 6,064  | 888,190 | 1,068,492 |

## Military Posts—War Production

Lowry, Buckley, Pueblo, Colorado Springs and La Junta Airfields; Camp Carson, Fort Logan, Camp Hale; Fitzsimons General Hospital; Colorado National Guard; Veterans Hospital; War Relocation; Denver Ordnance Plant, Pueblo Ordnance Depot, Rocky Mountain Arsenal, Army Medical Depot; Denver-Built Ships

THE extent of Colorado's participation in the training and arming of the nation's fighting forces and its position as a part of the arsenal of democracy will not be a matter of public record until the war is concluded, nor is it desirable or permitted to give complete figures in detail on many of the activities. However, some data have been released which will indicate the extent of the state's part in the war effort.

Prior to the attack on Pearl Harbor, when the preparations for national defense were in their initial stages, the amounts of construction contracts, the value of products to be manufactured and the military strength of the armed forces were released to the public in many instances. Thereafter, these were restricted as a military necessity and, therefore, information given in this chapter is incomplete and limited in scope, and due regard is given to these requirements.

Most of the contract awards have been cleared through governmental agencies. There was established in June, 1941, the War Production Board as successor to prior organizations. This agency was instrumental in making available to the war program the manufacturing facilities of the region.

The WPA released in August a tabulation giving \$80,338,688,000 as the amount of the major war supply and plant contracts for the nation for the two years ending June 30, 1942. The amount allotted to Colorado was \$438,973,000. These figures indicate that Colorado's share of the total was about 0.5 per cent. These totals are qualified, however, with the statement that they are incomplete and do not represent all commitments for war purposes. They do not include contracts of less than \$50,000, or awards for food-stuffs and other awards which would have added another \$50,000,000 to the nation's total and a proportionate amount to Colorado's share. Also excluded are commitments made prior to the period given, in which Colorado had a considerable proportion. Lowry

field, for example, had cost in excess of \$8,000,000 prior to the beginning of the period included in the tabulation. Also, the figures apply to prime contracts awarded within the state. The Colorado figures would be further increased by sub-contracts awarded within the state by concerns located without the state. The establishment here of a branch of the St. Louis ordnance plant to turn out several millions of dollars' worth of products is an example. A considerable part of the Denver shipbuilding program is another.

Of the total for the nation, approximately 53 per cent of contracts went to eight of the principal manufacturing states. Colorado's per cent of the remainder was 1.2 per cent.

The sections on specific projects in Colorado which follow do not include all of the war activities within the state. There are some in the planning stage of which no official announcement has been made. Others are cloaked entirely in military secrecy, and some have been announced about which no details are available. Among those coming within one or more of these categories are the following:

The Denver modification center, operated by the Continental Air Lines, which alters, equips and provides additional fittings on bombers being ferried from factories to stations;

An alien internment camp at Trinidad;

Air force storage depot at the Ford plant in Denver;

Glider schools at Lamar and Fort Morgan; and several posts which are in the preliminary stage.

A contract was awarded September 22, 1942, for temporary buildings, grading roads and facilities for a project in Pueblo county of an undisclosed nature to cost "between \$100,000 and \$1,000,000."

### LOWRY FIELD

An act of congress authorizing the war department to establish an Air Corps Technical school at Denver as a

branch of the school at Rantoul, Illinois, was signed by President Roosevelt on August 27, 1937. Prior to this action a board of army officers had recommended the removal of the Rantoul school to Denver and the city and county of Denver had agreed to acquire and donate to the government certain land and buildings to form the nucleus of the new establishment. This offer included the site and buildings of the Agnes Memorial sanitarium, 960 acres of land nearby for an auxiliary flying field, and 64,000 acres at a location to be chosen by the Air Corps for a bombing field.

In September, 1937, the President approved a bill carrying an appropriation of \$2,275,000 for the initial outlay by the war department in inaugurating construction of the school. The Denver city council authorized the sale of an issue of \$750,000 general obligation bonds, dated November 1, 1937, under an ordinance adopted in 1934, offering the land and buildings to the government. The sanitarium buildings and site were purchased for \$200,000 on December 8, 1937, and the acquisition of the additional land was begun. Total expenditures by the city of Denver up to the end of 1941 were \$1,008,000, under the terms of the grant, and the acquisition of the land is practically completed.

The work of rehabilitating the 17 buildings of the sanitarium, constructing runways, temporary hangars and other facilities, and the installation of sewage and electric light systems was begun on October 4, 1937. The site for the bombing field was chosen on February 9, 1938, and the first classes in the new school were begun on February 28. The 64,000-acre bombing field is located about 20 miles southeast of the school in Arapahoe and Elbert counties, and the auxiliary landing field is immediately north of the bombing range. The first authorized unit of the school consisted of 100 enlisted men, 150 students, 16 student officers, 18 permanent officers and a number of civilian instructors, along with the quartermaster detachment of enlisted men and civilian personnel. Increases in the personnel of the school proper and of the civilian forces subsequently were made as facilities were available and construction progressed.

The building program for the next four years was approved by the chief of the Air Corps on June 14, 1938. In the fiscal year June 30, 1938, there was expended \$1,369,444; fiscal year 1939, \$3,884,750; fiscal year 1940, \$2,937,803.22, bringing the total expenditure on Lowry field to \$8,191,997.22 up

to June 30, 1940. This total was exclusive of construction underway at the end of the fiscal year, which included a central heating plant, an air corps barracks to house 1,850 men, a radio transmitter building, a fire and guard house, air corps hangar No. 2 and annexes, a steam distribution system and an air corps warehouse, being a total of seven building projects, which were due for completion by January 1, 1941. In July of the last named year contracts aggregating \$1,585,000 were awarded for the construction of 108 temporary barracks, administration and hospital buildings and the paving of runways and roads. Thereafter expansion was accelerated in all directions in view of the critical war situation and when the Japanese attacked Pearl Harbor, the total cost was placed at \$40,000,000, of which \$24,000,000 were for construction and \$16,000,000 for equipment. The personnel at this time had increased to 6,000 and the program provided for the graduation of 15,500 students annually in armament, photographic and clerical courses. After the entrance of the United States into the war, information regarding construction, personnel and activities was restricted, although expansion on an ever increasing scale continued thereafter.

On February 1, 1941, the air corps school took over control of Fort Logan and converted it into the clerical training school for Lowry field. This arrangement continued until July 1, 1942, when Fort Logan again became an independent unit, but remained under the air corps command. Lowry field proper was constructed as a permanent establishment of the military arm of the government. Adjoining it on the north is Lowry Field No. 2, a separate unit built for the war emergency. The flying field was named Lowry field, in honor of Francis Brown Lowry, a Denver boy who was killed in action in France in 1918.

The school is under the jurisdiction of Fourth District Air Forces Technical Training Command, which has its headquarters for the district in Denver, its territory comprising the area from the Missouri river to the Pacific coast and including 15 states.

#### BUCKLEY FIELD

Funds allotted by the war department in January, 1942, for the construction of a new air field near Denver were released on March 3 of that year, and official announcement of its construction to provide for the accommodation of 12,000 men and 350 offi-

cers was made in Washington on March 4. On April 5, Col. Lawrence A. Lawson was named commanding officer of the new field and construction began a few days later. The first class of students was assigned to studies on July 6 and graduated September 18. On July 8, the war department announced that the field had been named Buckley field in honor of Lieut. John Harold Buckley, of Longmont, Colo., who was killed in action in France on April 27, 1918. On September 7, 1942, the field, which then was nearing completion, was opened during specified hours for public inspection. The estimated completed cost is \$20,000,000. It is under the jurisdiction of the fourth division of the army air force technical training command, with headquarters in Denver.

The field is located six miles east of Denver in the proximity of Lowry field and comprises 2,210 acres, including the 960-acre bombing tract of Lowry field, which will be used jointly by the two fields, and 1,250 acres acquired by condemnation. The construction, except for headquarters, base hospital and school buildings, is of the temporary type and patterned after bases established in combat zones. It is known as an air force armament school for the training of students in the maintenance and calibration of aircraft weapons. Buckley and Lowry are separate and independent establishments and engaged in different types of training.

#### PUEBLO AIR BASE

The Pueblo air base, located on a 4,130-acre military reservation six miles east of Pueblo, on state highway No. 96, was constructed for the training of bombardment men and officers for combat duty. The selection of the site on a planning basis was announced by the war department on December 27, 1941, "in accordance with plans for expansion of the air force announced before the outbreak of the war." Construction began March 15, and the major technical and housing facilities were completed in August, at which time the occupation of the base by the air corps began.

The only official information concerning the size and cost of the base was given out by the war department on February 2, 1942, when the Pueblo site was approved and an initial expenditure of \$3,000,000 for the station was authorized. The plans called for the stationing of 3,800 men at the base at the outset, a figure which it was expected would be increased.

The station is technically known as a first staging base for training bombardment replacement crews, and not for the training of pilots, as the men already have had their flying instruction before being assigned to the post.

#### COLORADO SPRINGS UNIT

Colorado Springs was chosen as a site for a tactical unit of the photographic division of the army air corps on April 13, 1942, arrangements being made with the city authorities for the use of the municipal airport as headquarters for the training of 3,000 men in photography and mapping. Pending construction of additional facilities, housing for the men was provided in dormitories of educational institutions and civic buildings in the vicinity of the airport. On May 12 the city council agreed to purchase 1,850 acres adjacent to the airport which, with outlays for water, gas and electric facilities, brought the total cost to the city up to \$243,235. The army built additional runways, mess and transportation facilities and laboratories. Forty additional structures, including officers' quarters, barracks, mess halls and similar buildings, were authorized early in September, 1942, with others to follow. No figures on federal expenditures were revealed.

#### LA JUNTA AIR BASE

The war department announced on April 10, 1942, that work was to begin at once on the construction of an air base at La Junta to train 4,400 members of the British royal air force. Contracts provided for its completion by August 1 at a cost of approximately \$5,000,000. Plans for training the British subsequently were changed in favor of American air forces and for the expansion of the facilities to double the original size.

#### CAMP CARSON

Following an announcement in Washington on July 16, 1941, that Colorado Springs was being considered as a site for one of 14 new camps to be constructed for the army, a contract was awarded for the survey of a proposed site six miles south of the city on the Canon City highway. These surveys were completed and turned over to the war department in December and subsequently the site was approved. In the meantime Colorado Springs authorities acquired options on the land, and completed surveys for extension of water, power and gas facilities to the site, the El Paso county planning commission had zoned the area around

the proposed camp, and the Denver & Rio Grande Western railroad had completed arrangements for railroad facilities.

Bids were opened February 10, 1942, and a contract for construction was awarded to a group of contractors on a low bid of \$30,054,390. This was exclusive of the cost of land, the extension of utilities, and railroad facilities to the site. Construction began at once on the camp, intended to house between 30,000 and 40,000 men and provide facilities for two full brigades. This was equal to the total population of Colorado Springs.

The military reservation comprises approximately 60,000 acres. The camp is laid out in a triangular form, designed particularly for training a modern mechanized army, rather than the older type of a square cantonment. It has 36 miles of streets, five miles of railroad track within the area, recreation and parade grounds, a small arms firing range, a fire department, hospitals, sewage, water, power and all the facilities of a modern city.

The first construction program called for 1,650 buildings, of which 1,300 are large structures. Among these are 438 barracks to accommodate 74 men each; 17 station hospitals and a base hospital with 1260 beds; 181 mess halls and 80 company administration and storehouse buildings; 15 large and 65 small recreation buildings, exclusive of 107 reading rooms; 5 theaters and 12 chapels; and 44 officers' buildings, exclusive of headquarters of the commanding general and the brigade generals and eight regimental commands.

Following the award of the original contract, the successful bidders gave out estimates of materials to be used. These included 120,000,000 board feet of lumber, 20,000,000 brick, 5,700 carloads of building materials, 1,300 carloads of road and ground materials, 350 carloads of sewer material, 250 carloads of sewage disposal material, 100 carloads of electric distribution material, 200 carloads of contractors' equipment and 200 carloads of miscellaneous supplies.

An announcement was made in Washington in August, 1942 that plans had been prepared for 375 additional buildings to accommodate 200 officers and 500 men, and another in September that hospital facilities would be increased by construction of two more units of 500 bed capacity. Contract for the first named addition, amounting to \$2,000,000, was awarded on September 22.

## FORT LOGAN

Fort Logan is located 10 miles south of Denver, south of Bear creek, in Arapahoe county. The land was donated to the government by citizens of Denver following the selection of the site by Lt. Gen. Phil Sheridan from several that were offered, as it afforded an abundance of water for all purposes. Title to the land was accepted by the United States pursuant to an act of congress approved February 28, 1887, which authorized the secretary of war to establish the post and appropriated \$100,000 for its construction. The building of permanent headquarters commenced in November of that year. The post was known locally as Fort Sheridan, in honor of the Civil War veteran, but General Sheridan later named it Fort Logan in honor of John Alexander Logan, Major General of Volunteers.

The post occupies a military reservation of 973.8 acres, upon which there were 173 buildings, including the original construction authorized by congress at a cost of \$100,000, until improvements were begun to meet the requirements of the second world war activities.

The status of the post, which up to that time was identified with ground troops, was changed on February 1, 1941, when it was taken over by the army air corps and made a sub-station for Lowry field for a clerical training school. The Lowry clerical school was transferred to the new station and its facilities were expanded to meet the requirements of 1,500 students and officers. The water supply was improved, new roads built, additional housing constructed, and other improvements were added. Students were taught to type, write military correspondence, interpret army regulations, keep accounts of airplanes and pilots and perform other air force duties.

On July 1, 1942, it again was made an independent unit under the fourth district air forces technical training command, but there was no change in its functions.

In July, 1941, plans were completed for the establishment of an army reception center on the reservation to receive and take care of selectees between the time of their induction into the service until they were assigned to cantonments located in various sections of the country. Contracts were awarded for 14 buildings for the center at a cost of \$185,320 and \$70,000 for temporary structures to provide accommodations for 1,300 additional officers and men. It is the reception cen-

ter for selectees from Colorado, Arizona and New Mexico.

Fort Logan has played an important part in the military history of Colorado. Prior to the outbreak of the present war it was used as an annual training post for units of the Third Military area, officers of the Organized Reserve, the Reserve Officers Training corps and the citizens military training camp. During peace time approximately 800 officers and men of the regular army were stationed there.

### CAMP HALE

The war department approved plans on March 28, 1942, for the construction of a camp in which to train troops for alpine service to be located near Pando, Eagle county, 25 miles north and west of Leadville. The site already had been obtained. It is located in the Holy Cross national forest, title to which is in the government. Land in private ownership, aggregating 1,960 acres, was acquired by the customary condemnation proceedings. The camp is in an area of high mountain peaks, some exceeding 14,000 feet in altitude, where the cold season is long and deep snow covers the ground from early in the fall until late in the spring.

The first contract was awarded on April 27, 1942, followed by four more on July 18, and another on August 28. A new ruling of the war department limiting information available to the public then was in effect and the amounts of these contracts were given in general terms. One was in "excess" of \$3,000,000; another between \$500,000 and \$1,000,000; another between \$1,000,000 and \$5,000,000; and another between \$100,000 and \$500,000. Likewise, information regarding the size of the cantonment and number of troops to be trained was restricted. Construction started in June and is scheduled for completion in time for training during the winter of 1942-43.

On June 23, 1942, the war department officially named the cantonment Camp Hale, in honor of Brigadier Gen. Irving Hale, a graduate of West Point who served with distinction in the Spanish-American war and who organized the Veterans of Foreign Wars.

### FITZSIMONS GENERAL HOSPITAL

One of the six general hospitals of the United States army is located east of Aurora, near the eastern city limits of Denver, and is known as the Fitzsimons General hospital. The plant is situated on a tract of 595 acres donated to the government and had a bed capacity of 1,458 on October 1, 1941.

ranking first among the army's general hospitals and fourth including the station hospitals. It is exceeded in bed capacity only by station hospitals at Camp Blending, Florida; Fort Bragg, North Carolina; and Fort Lewis, Washington. Walter Reed hospital at the nation's capital, with 1,184 beds, comes next to Fitzsimons among the general hospitals.

Construction began April 29, 1918, and the first unit of 48 buildings was dedicated October 13, 1918. The name was changed from Base Hospital No. 21 to Fitzsimons General hospital on July 1, 1920, by an order of the war department, in honor of Lieut. William Thomas Fitzsimons, the first officer of the United States army killed in the first world war.

When constructed in 1918 it was intended primarily for the treatment of tuberculosis, but of late years the need for such specialization has gradually decreased and at present most of the patients are of a general medical and surgical nature.

The original plant consisted of 160 buildings and represented a cost of approximately \$10,000,000. Many of the buildings were of light construction to meet an urgent emergency, and depreciated rapidly, the estimated value being reduced to around \$4,000,000 in 1940. In 1933 plans for its abandonment were under consideration by the war department, and for a while it was under lease to the veterans' administration, but subsequently these were changed in favor of making it a general army hospital of first rank.

In June, 1938, the war department allocated \$3,020,000 from WPA funds, to be supplemented with funds from the federal board of hospitalization, for the construction of a new main building and other improvements.

Construction on the new building began August 18, 1938, and it was officially opened December 3, 1941. The new building, the most modern of its kind, is of terraced construction, the wings being five stories high and the center 10 stories in height, the peak elevation above the ground being 146 feet. The overall length is 550 feet and the width 290 feet. It contains approximately 1,800 rooms, including administration offices, laboratories, operating rooms and wards and a bed capacity of 610. The entrance is faced with Colorado marble and the building with buff brick. The base is constructed of cream-colored Texas limestone. The estimated space within its walls is 7,000,000 cubic feet, and the floor area 292,000 square feet. It is

reputed to be the largest building in Colorado and the largest single unit hospital ever constructed.

The total cost of the building and equipment is approximately \$4,500,000 which, with the appraised value of the old units of \$4,000,000, brings the total up to \$8,500,000. This is exclusive of the technical school operated in conjunction with the hospital constructed in 1942 at a cost of approximately \$500,000.

The technical school, an army school for medical department technicians, is located in one corner of the military reservation. Construction of the unit began April 6, 1942, and in August of the same year 59 buildings, including barracks, laboratories, class rooms and recreation center, capable of accommodating 2,000 students, was completed. It is staffed by 40 officers and 100 non-commissioned officers and enlisted men and is prepared to graduate 3,600 enlisted men and 600 officers annually. These are sent upon completing their courses to base and station hospitals in the field and at the fighting front. It is the largest of eight similar schools conducted by the army.

#### COLORADO NATIONAL GUARD

The President was vested with authority to order into active service any or all members and units of all reserve components of the army of the United States in a resolution of congress approved August 27, 1940. On August 31, 1940, an executive order was issued for the induction into the federal service all active elements in Colorado of the 45th division, except the 45th tank company, on September 16 of that year. These included the 157th infantry, headquarters 89th infantry brigade and Company C of the 120th quartermaster regiment. These moves preceded the first induction of officers and men of the Colorado national guard into the United States army.

Previous to the induction of the 45th division, the allotted strength of the guard was 2,490 men, including 196 officers, 2 warrant officers, and 2,292 enlisted men. The actual strength on September 15, the day preceding the induction, was 157 officers, 2 warrant officers, and 1,934 enlisted men, a total of 2,093. The inducted officers and men were sent to Fort Sill, Okla. for one year's training.

The personnel of the state staff and detachments were inducted on September 21 and 24 and October 8, 1940, and July 7, 1941.

Company D, 193rd tank battalion (formerly 45th tank company) and the

120th observation squadron, air corps, were inducted on January 6, 1941, and the 165th field artillery on February 24, 1941.

Altogether, the number inducted was 174 officers and 2,250 men.

The guard had in its possession approximately \$2,500,000 worth of federal property, including arms and ammunition and equipment which the members took with them into the federal service. The national guard armories in the state were placed in charge of local officials for the duration.

Following the departure of the national guard, the legislature adopted H. B. No. 1, approved April 17, 1941, authorizing the organization of a Colorado defense force. Clyde E. Hill, of Denver, was appointed a major and directed to proceed with the organization, which began on April 25, 1941. Later, Hill was promoted to Lieutenant colonel. The defense force was extended to all areas in the state and trained for any emergency which might arise. Information concerning the number of units, their location, and their strength is restricted as a war measure.

#### COLORADO TROOPS IN FIRST WORLD WAR

Official figures place the number of troops furnished by Colorado for the first world war, including commissioned and enlisted men, at 42,898. The number includes enlistments in the army, navy and marine corps. The total number for the country was 4,727,988, of which Colorado furnished approximately 1 per cent.

During the fiscal year ending June 30, 1926, the war department completed the task of rechecking all authorization and credits for wounds incurred by members of the American Expeditionary Forces. The final figures on battle casualties for Colorado are as follows:

|                             | Enlisted |       | Total |
|-----------------------------|----------|-------|-------|
|                             | Officers | Men   |       |
| Killed in action....        | 18       | 224   | 242   |
| Died of wounds....          | 9        | 75    | 84    |
| Wounds* .....               | 82       | 1,091 | 1,173 |
| Individuals                 |          |       |       |
| wounded* .....              | 76       | 1,042 | 1,118 |
| Wounds not mortal ..        |          |       | 1,089 |
| Grand total casualties..... |          |       | 1,415 |

\*"Wounds" and "Individuals wounded" include mortal wounds received by individuals enumerated under "Died of wounds."

#### VETERANS HOSPITAL

Veterans Administration Facility No. 80 is located seven miles northeast of Las Animas, in Bent county, at Fort Lyon, Colorado.

The establishment of the post was an outgrowth of developments in pioneer days. It was originally a trading post built by William Bent and known as Bent's fort. In 1852, angered at delays in negotiations for its sale to the federal government, he set fire to it and built a new post down the Arkansas river near the present boundary between Bent and Prowers counties. The new post was sold to the government in 1859 and its name was changed to Fort Wise in honor of the Governor of Virginia. A small force of federal troops was stationed there. The name was changed to Fort Lyon in 1861 in memory of Gen. Nathaniel Lyon, a Union officer who died in battle. In 1867, following a flood, the site was moved back up the river to its present location. The United States navy took it over in 1907 and established it as a naval hospital for tuberculosis. At the close of the first World war it was transferred to the veterans' bureau for the hospitalization of male veterans of any war, occupation or expedition and service-connected peacetime ex-service patients. It is now under the supervision of the administrator of veterans' affairs.

The site comprises 1,140 acres of ground and the numerous buildings cover 60 acres. The grounds are attractive, with paved streets and modern improvements. The entire plant represents an investment of approximately \$3,000,000. The hospital has a manager, nine medical officers, two dental officers, and approximately 290 employees, with a bed capacity of 805, all for neuropsychiatric patients, to which type of disease the hospital has been devoted since July, 1934.

On February 9, 1931, a building of modern construction, costing approximately \$300,000, was opened. A new clinical building, to accommodate 200 patients, together with mess facilities, was opened in May, 1934. Two new buildings, a continued treatment ward and a recreational building, were opened February 22, 1938.

Total expenditures for improvements and betterments at the hospital from March 3, 1919, to June 30, 1941, aggregated \$1,332,660.

#### GRANADA RELOCATION CENTER

A regional office of the War Relocation Authority was opened in Denver in June, 1942, to take charge of centers established for Japanese evacuees from the Pacific coast in Colorado, Wyoming, North Dakota, South Dakota, Kansas, Nebraska and New Mexico. It was announced that one of these cen-

ters, known as the Granada Relocation Center, would be located adjoining the town of Granada in Prowers county on a tract of 10,960 acres to house between 8,000 and 10,000 native and alien Japanese. The first contract for construction was awarded on July 4, and total cost is approximately \$5,000,000.

The construction work included the building of more than 200 units consisting of barracks, dwelling houses, stores, a hospital and utilities for a small town surrounded by irrigated agricultural land. It was designated as a military area by the secretary of war on August 19 under provisions that no Japanese could leave the reservation without permission and that none but Japanese, soldiers and employees could enter the grounds. The evacuees were authorized to engage in farming and the center was made self-governing. A detachment of 90 soldiers from Fort Sill was stationed at the center as guards. A highway running through the land was condemned so as to exclude all but those authorized to enter.

The first detachment of Japanese, consisting of 192 men, 19 women and one infant arrived on August 29, from the Merced, Calif., assembly center, these being composed of hospital attendants, mess hall workers, clerks and skilled mechanics who were to assist 952 construction workers in completing the project and preparing it for occupation. The movement of evacuees who are to be located at the center for the duration of the war started on September 2, and the first contingent of 1,106 arrived on September 5, followed by other detachments daily until the movement was completed.

#### DENVER ORDNANCE PLANT

Plans for the construction of a plant near Denver to manufacture small arms ammunition for the government which had been under way for some time, culminated on January 4, 1941, in the signing of a contract between the war department and the Remington Arms company, of Bridgeport, Conn., for the construction and operation of the Denver Ordnance plant. It provided that the war department shall own the plant and the Remington company supervise its construction and operate it upon completion. The Remington company is a subsidiary of E. I. du Pont de Nemours & Co., Inc.

The original program thus brought into action involved a total of \$122,249,880, the largest amount in any single contract for construction and

operation of a plant in the state up to that time. It included \$57,449,880 for ammunition to be manufactured, \$20,000,000 for the construction of 120 buildings and \$14,800,000 for the cost of equipment and management. Before all units were completed plans for further expansion were put into effect and construction has been practically continuous. Publication of the amounts of subsequent awards was restricted and no total figures have been released other than that construction costs are now in excess of \$52,000,000. The output consists of small arms ammunition of 30-caliber cartridges of the ball, armor-piercing and tracer types. The amounts of production contracts other than the original and the quantity and value of output are classed as military secrets.

The government obtained title to 2,080 acres eight miles west of Denver in what was known as the Hayden ranch in Jefferson county. A contract was awarded Broderick & Gordon on February 15, 1941, for \$13,206,390 for the initial construction. Grading for a railroad spur and roads began February 17, 1941, the ground was broken for the first building on March 6, 1941, and the first cement was poured on April 11, 1941. Production began gradually early in the fall and on October 26, 1941, the plant, which then was near completion, was formally dedicated.

The plant at the time of its dedication consisted of 265 buildings of various sizes and types grouped around four separate and independent production units. Included among the structures other than the production units are an administration building, power house, fire department, garage, guard house and other utilities, supply depots and storage magazines. An elaborate system for protecting the plant is in operation. The guard house has accommodations for 400 guards and the area is surrounded by 35 guard towers. Inside are 10.5 miles of railroad track and 20 miles of highway. Two 65-ton locomotives do all the switching of transportation equipment within the reservation. The construction of an additional major unit began March 1, 1942.

The Army-Navy "E" pennant award for outstanding performance was formally presented to the personnel of the plant on September 1, 1942.

All construction at the plant is of a permanent type and its operation in some capacity is expected to continue after the war. It is the outcome of long-range planning inaugurated by

the war department in 1936 and agreed upon in 1938, although the location of this and other establishments of a similar nature had then not been decided upon.

#### PUEBLO ORDNANCE DEPOT

The Pueblo ordnance depot is located near North Avondale, 15 miles east of Pueblo, on a tract of 21,983 acres acquired by condemnation. The initial expenditures were expected to be approximately \$23,000,000, but the plans subsequently were expanded to provide for increased facilities. The original surveys provided for 1,200 storage magazines, 10 administration buildings, barracks and other structures for 3,000 permanent personnel, streets and roads, railroad facilities, and the enclosure of the entire reservation within chain-link fencing.

The first contract for the construction of temporary field offices and barracks for workmen was awarded February 14, 1942, followed by the initial contract for the depot proper on April 3, at a cost in excess of \$5,000,000. This was followed by others for buildings, magazines, roads, drainage, sewage disposal, railroad, runways, fences, and streets. The administration building was occupied on June 26, and the hiring of permanent personnel, exclusive of construction force, began on July 6 under civil service regulations. On July 8 contracts were awarded for additional magazines to cost between \$5,000,000 and \$6,000,000, and provisions were made for increasing the permanent personnel beyond the original figure of 3,000.

Most of the buildings are of permanent construction and the grounds will be planted with trees and landscaped. The base is provided with all modern facilities including a station hospital, fire department, a railroad system operating exclusively within the grounds, an army guard, and recreational facilities.

#### ROCKY MOUNTAIN ARSENAL

Plans for the construction of one of the largest chemical warfare plants in the country near Denver were announced in Washington on May 23, 1942, and construction began on June 13. It is scheduled for completion before the end of the year and the final cost will be approximately \$62,000,000.

The plant occupies a military reservation of 20,000 acres, starting a mile north and east of the Denver municipal airport and extending to a point four miles due north of Aurora. Title passed to the government on June 15

through condemnation proceedings, and thereafter settlements were undertaken directly with tenants in the area.

The type of chemicals to be manufactured, the number of persons employed, and the amount of money expended in development, all are matters of military secrecy. An indication was given, however, by Maj. Gen. William N. Porter, chief of the chemical warfare service, who pointed out that the best insurance against an attack by chemical agents lies not only in gas masks and protective clothing, but in the ability to retaliate immediately. This ability, he said, is being supplied by the Rocky Mountain arsenal.

The plant is being constructed by the Chemical Warfare Service, and Col. Charles E. Loucks, executive officer of the service in Washington, was assigned to the Denver plant and took over command on September 11, 1942. In addition to the manufacturing units, the project includes an administration building, maintenance shops, warehouses, a fire department, cafeteria and station hospital. Employees are selected from the federal civil service lists, and exclusive of a few women in the clerical, administrative and supervisory departments, only men are employed.

#### ARMY MEDICAL DEPOT

Announcement was made on March 26, 1942, that Denver had been selected as the site for a United States army medical depot as a distribution center for army hospitals, field installations, and other military activities in eight western states and as a supporting base for smaller depots on the Pacific coast. A 40-acre tract of land was acquired at East 38th avenue and York streets on April 17, construction began on May 13, and the depot was formally dedicated on September 21, 1942. The cost of construction was approximately \$2,500,000 and the stocks of medical supplies normally will run into several millions of dollars in value. The depot is operated by the United States army medical corps.

The principal construction consists of two one-story warehouses, each more than one-fourth of a mile long and each enclosing more than 500,000 square feet of floor space. Both are served by railroad spurs. The administration building, two stories, is the only one exceeding one story in height. Altogether there are 10 buildings, one is a specially constructed warehouse with 15,000 square feet of floor space, in which inflammable materials are stored.

The regular force numbers approximately 400, including the technical and administrative staffs and the guards. All employees are under civil service. The depot is a permanent rather than a temporary project, and will continue after the war. It is one of 18 similar depots in the country and is one of the four largest in the nation. It has its own guard system, fire department, and power, water and light systems and complete maintenance equipment. Its stocks and facilities are such that a complete hospital unit of 1,000 beds can be shipped on 48 hour notice.

#### DENVER-BUILT SHIPS

An unusual program, the first of its kind in this country, for fabricating steel for the hulls and providing ship parts and fittings for ocean-going warships was inaugurated in Denver in the fall of 1941. The undertaking was announced officially on December 2, of that year, and on August 22, 1942, the first ship prefabricated in Denver, H. M. S. Bentick, an escort vessel for the British navy, was launched at the Mare Island navy yard in California.

The procedure followed was for a group of Denver manufacturers of metal products to pool their facilities so they could participate in a contract for the construction of 24 escort ships for the British navy to be built at the Mare Island shipbuilding yards. The work was distributed among the different plants according to their facilities for making the various parts. There were nine plants in the original group, but subsequently through additions and sub-contracting approximately 40 plants in and out of Denver became engaged in the work.

In order to facilitate the work the Mare Island coordinating center was established in Denver from which steel and other supplies were distributed to the participating plants. The fabricated parts then were reassembled at the center and shipped to Mare Island where they were incorporated into the escort vessels.

The original contract cost of the 24 ships at Mare Island was \$144,000,000, of which the Colorado part was approximately \$55,000,000. These sums subsequently were revised upward as the program expanded. The ships are products of the local plants except for the assembling at Mare Island. The fabricated parts for the first vessel was shipped from Denver on February 27. At the launching on August 22, the ship was christened by Cynthia Carr, daughter of Gov. Ralph L. Carr, of Colorado, who spoke at the dedication ceremonies.

## State Seal—Emblems—Insignias

Official Song, Official State Flower, Poet Laureate, State Flag, Official State Bird, State Holidays

**T**HE seal of the state of Colorado, as determined by statutory enactment, is described as follows:

It shall be two and one half inches in diameter with the following device inscribed thereon: An heraldic shield bearing in chief, or upon the upper portion of same upon a red ground, three snow-capped mountains; above, surrounding clouds; upon the lower part thereof, upon a golden ground, a miner's badge as prescribed by the rules of heraldry; as a crest above the shield, the eye of God, being golden rays proceeding from the lines of a triangle; below the crest and above the shield as a scroll, the Roman fasces, bearing upon a band of red, white and blue the words "Union and Constitution"; below the whole the motto "Nil Sine Numine," the whole to be surrounded by the words "State of Colorado" and the figures "1876."

The meaning of the Latin motto "Nil Sine Numine" is "Nothing without Providence."

The secretary of state alone is authorized to use or affix the seal to any document whatever, and he only in pursuance of the law. He is the custodian of the seal. Severe penalties are provided for counterfeiting or illegally using the seal.

### STATE SONG

The twentieth general assembly of the Colorado legislature enacted a measure approved on May 8, 1915, by Gov. George A. Carlson, by which a song entitled "Where the Columbines Grow" was adopted as the official state song of Colorado to be used on all appropriate occasions. The words and music were written and composed by Dr. Arthur J. Fynn, a prominent educator identified for many years with the Denver public schools. Following the death of Dr. Fynn in 1931, Mrs. Rose C. Fynn, his widow, presented the copyright to the Daughters of Colorado, an organization of native-born Colorado women, which used the proceeds of sales to erect markers on historic spots throughout the state. On July 10, 1931, the Columbine Day association dedicated a blue spruce tree on the state capitol ground in honor of Dr. Fynn.

### OFFICIAL STATE FLOWER

The twelfth general assembly of the Colorado legislature enacted a measure declaring the white and lavender columbine to be the state flower of the state of Colorado. It was approved April 4, 1899, by Gov. Charles S. Thomas.

It is unlawful for any person to tear the said flower up by the roots when grown or growing upon any state, school, or other public lands, or in any public highway or other public place, or to pick or gather upon any such public lands, or in any such public highway or place more than 25 stems, buds or blossoms of such flower in any one day, and it shall also be unlawful for any person to pick or gather such flower upon private lands without the consent of the owner thereof first had or obtained.

Any person who shall violate this law shall be deemed guilty of a misdemeanor and upon conviction shall be fined not less than \$5 nor more than \$50.

### POET LAUREATE

The office of state poet laureate is an honorary one created by gubernatorial action and without legislative enactment. It has been held by only two persons. Alice Polk Hill, a Colorado pioneer, was appointed to the office on September 10, 1919, by Gov. Oliver H. Shoup. On January 24, 1923, the present incumbent, Nellie Burget Miller, of Colorado Springs, was appointed to the office by Gov. William E. Sweet to fill a vacancy caused by the death of Mrs. Hill.

### STATE FLAG

The eighteenth general assembly of the Colorado legislature enacted a measure creating a state flag for the state of Colorado. The specifications of the flag as provided by the act are as follows:

The width of the flag shall be two-thirds of its length.

It shall consist of three alternate stripes to be of equal width and at right angles to the staff.

The white stripe shall be the center stripe. (The original law did not

specify the color of the other two stripes, but blue was the color universally used.)

At a distance from the staff end of the flag of one thirty-sixth of the total length of the flag there shall be a circular red C, of the same color as the red in the United States flag.

The diameter of the letter C shall be one-sixth of the width of the flag.

The inner line of the opening of the letter C shall be three-fourths of the width of its body or bar and the outer line of the opening shall be double the length of the inner line thereof.

Completely filling the open space inside the letter C shall be a golden disk.

Attached to the flag shall be a cord of gold and silver, intertwined, with tassels, one of gold and the other of silver.

The colors are typical of Colorado; the blue for the skies, the gold for the sunshine, the white for the snow-capped mountains and the red in the letter C standing for the Spanish interpretation of the name of the state. The gold and silver cord and tassels signify the principal metals mined in the state.

#### OFFICIAL COLORADO BIRD

The 28th general assembly of the Colorado legislature passed an act in 1931 declaring the lark bunting, scientifically known as *Calamospiza melanocorys Stejneger*, to be the official state bird. The act was approved by Governor William H. Adams on April 29, 1931. The lark bunting is six to seven inches long, with a stout, conical bill and long, pointed wings. The male has black feathers with white edgings on the tail and wings and the female is brown with white edgings. It is an inhabitant of the prairie country, does not frequent the mountains and is to be found mostly in the eastern part of the state. It is seldom seen on the western slope of the mountains. The bird migrates to the south, usually about the 10th of September, and returns about the same day in May. It usually arrives in large flocks. It builds its nest on the ground. One of its peculiar characteristics is the method of its flight. It rises almost perpendicularly from the ground and invariably sings as it mounts upward. It is noted as a singer.

Between 405 and 420 species of birds are to be found in Colorado, the number including migratory birds that remain only for a season. All known species are on exhibition at the Colo-

rado museum of natural history in Denver, either mounted individually or in groups or in study collections.

#### HOLIDAYS IN COLORADO

The laws of Colorado provide for the following legal holidays in the state:

January 1—New Year's Day.

February 12—Lincoln's birthday.

February 22—Washington's birthday.

May 30—Decoration day.

July 4—Independence day.

August 1—Colorado day.

September—First Monday, Labor day.

October 12—Columbus day.

November—First Tuesday after first Monday, general election day.

November 11—Armistice day.

November—Thanksgiving day, by proclamation, in November, last Thursday.

December 25—Christmas day.

Arbor day is not a legal holiday, but is set apart for observance by proclamation for the third Friday in April. It is a public school holiday.

Good roads day is not a legal holiday, but is set apart by proclamation for the second Friday in May.

February 15 was designated by the legislature in 1941 as Susan B. Anthony day for observation in the schools, but it is not a legal holiday.

Saturday, from 12 o'clock noon until midnight, is a legal holiday during June, July and August in every city having 25,000 or more population.

When any legal holiday falls on Sunday, then the Monday following is considered the legal holiday.

In the United States there is no so-called "national" holiday. Each state declares for its own jurisdiction the holidays to be observed, either by legislative enactment or by executive proclamation.

#### CENTENNIAL STATE

Colorado is widely known as the "Centennial" state, although that designation is not made by any statutory enactment. It is derived from the fact that Colorado entered the Union just 100 years after the signing of the Declaration of Independence. The declaration was adopted by the continental congress on July 4, 1776, and Colorado was admitted to the Union on August 1, 1876. Colorado became a state exactly 100 years and 27 days after the adoption of the declaration.

## Facts of General Interest

County and Local Zoning; Home Rule Cities; Denver's Mountain Parks; Pikes Peak; Dotsero Cut-off; Fires and Losses by Fires in Denver; Public Water Supplies of the Larger Cities of Colorado; Glacier Water Supply; Largest Silver Nugget.

### COUNTY AND LOCAL ZONING

Under an act of the legislature adopted in 1939, boards of county commissioners are authorized and empowered to provide for the physical development of unincorporated territory within their counties and for the zoning of all or any part of such territory. When a county has a population of more than 15,000, the commissioners are empowered to appoint a commission of five members to be known as the county planning commission. Where a county has 15,000 population or less, the county commissioners constitute the planning board.

Planning commissions thus established are authorized to regulate the size of buildings, the use of the land, issue or approve building permits and otherwise control the type of development of the prescribed areas. The adoption of a master plan for the physical development of the territory to be thus zoned is one of the requisites. One of the objectives of the law is to prevent a development of areas along the principal highways in a manner detrimental to the health and safety of the community, eliminate hazards to automobile traffic and to serve the best interests of the community as a whole. In areas where there are war activities, it also serves to restrict the use of the land for conflicting purposes.

Planning Commissions have been appointed and County Zoning adopted in El Paso, Jefferson and Arapahoe counties. Planning Commissions have been appointed and zoning ordinances are in preparatory stages in Adams, Pueblo, Alamosa, Eagle and Lake counties. A number of other counties are anticipating appointment of Planning Commissions and subsequent adoption of zoning ordinances.

### HOME RULE CITIES

An amendment to the Colorado constitution, known as Article XX, vesting the people of each city or town in the state of 2,000 or more population with the power (which they shall always have) to make, amend, add to or re-

place the charter of said city or town, which shall be its organic law and extend to all its local and municipal matters, was adopted on November 11, 1902. This became known as the "home rule" amendment. It provides that "such charter and the ordinances made pursuant thereto in such matters shall supersede within the territorial limits and other jurisdictions of said city or town any law of the state in conflict therewith." The procedure by which a city or town may come under the amendment is for the qualified electors of a city or town to vote upon the question and, if approved, file with the secretary of state a certified copy of a charter framed and approved in reasonable conformity with the provisions of the act.

Cities and towns which have elected to come under the provisions of the amendment, known as home-rule cities, and the form of government provided by their charters, are as follows:

| City             | Form of Gov't  |
|------------------|----------------|
| Denver           | *Mayor-Manager |
| Pueblo           | Commission     |
| Colorado Springs | City manager   |
| Grand Junction   | City manager   |
| Fort Collins     | Commission     |
| Fort Morgan      | City manager   |
| Boulder          | City manager   |
| Delta            | Commission     |
| Montrose         | City manager   |
| Durango          | City manager   |
| Monte Vista      | City manager   |

\*The mayor, elected by the people, is in reality, the city manager and in fact has more power than any city manager.

### DENVER'S MOUNTAIN PARKS

An amendment to the charter of Denver adopted in May, 1912, empowered the city to acquire and maintain areas of land for recreational and other purposes outside of the boundaries of the municipality, and in subsequent years there was established in the mountains to the northwest, west and south of the city a series of parks comprising what is known as the Denver mountain parks system. These parks are owned by the municipality of Denver and were acquired improved and opened to the public for the purpose of making the mountains available for the people. In undertaking

the project, there were no precedents to follow. The idea was unique, never before considered by any municipality and no other American city has since undertaken a similar project on so vast a scale.

The system comprises a chain of mountain parks covering an area of 20,897 acres in their natural settings of mountains, valleys, lakes, forests and streams in which the buffalo, elk deer and other forms of wild life roam undisturbed in their natural habitat. They form something of a semi-circle extending as far west as Echo lake and the summit of Mt. Evans, the latter at an altitude of 14,259 feet above sea level. Included in the system are 25 parks, exclusive of a number of small tracts unnamed. The best known of the parks are Lookout Mountain, Bergen, Cub Creek, Daniels, Dedisse, Echo Lake, Filius, Genessee, Turkey Creek, and the Garden of the Red Rocks.

All of the parks are connected with well-built highways and these highways tie into others radiating from Denver to the west and south. Mountain lodges have been built at most attractive locations, shelter houses erected, water systems installed, fireplaces for outdoor cooking constructed and many other improvements made for the comfort and convenience of the people.

Expenditures by the city and county of Denver on the mountain parks from 1912 to 1941, inclusive, aggregated \$3,186,742.89. These disbursements, by years, are as follows:

| Year                         | Amount         |
|------------------------------|----------------|
| 1912 to 1926, inclusive..... | \$1,294,429.92 |
| 1927 .....                   | 259,132.96     |
| 1928 .....                   | 174,712.02     |
| 1929 .....                   | 166,878.46     |
| 1930 .....                   | 165,332.21     |
| 1931 .....                   | 168,337.67     |
| 1932 .....                   | 101,029.63     |
| 1933 .....                   | 75,384.75      |
| 1934 .....                   | 76,624.88      |
| 1935 .....                   | 65,750.47      |
| 1936 .....                   | 51,194.42      |
| 1937 .....                   | 99,467.03      |
| 1938 .....                   | 102,440.48     |
| 1939 .....                   | 127,586.24     |
| 1940 .....                   | 105,404.50     |
| 1941 .....                   | 153,037.25     |
| Total .....                  | \$3,186,742.89 |

**PIKES PEAK**

Pikes peak, in El Paso county, probably the most famed of Colorado peaks, was first seen by Lieut. Zebulon M. Pike, of the United States army, at 2 o'clock in the afternoon on November 15, 1806 from a point near the mouth of the Purgatoire river, in

what is now Bent county. It subsequently was named in his honor and became the best known of all the high peaks by reason of the fact that it stands out to the view so prominently when the mountain range is approached from the east. In a table of the location and altitude of Colorado peaks published in this volume, there are 24 peaks which are higher than Pikes peak. Reports have been current at intervals that the peak is sinking gradually and that it has sunk nearly 40 feet in the last 25 or 30 years. This is denied by the United States geological survey, which in 1908 established its official altitude as 14,109 feet. These reports evidently arose over a confusion of the elevation with the data of old railroad or barometer figures, which gave it an elevation as high as 14,181 feet. Lieutenant Pike, shortly following his discovery, calculated the elevation of the peak at 18,581 feet.

**DOTSERO CUT-OFF**

The Dotsero cut-off is the name commonly given to a main line railroad track in Eagle county which connects the Denver & Rio Grande Western and Denver and Salt Lake railroads. Construction began on the line on November 10, 1932, and ceremonies formally marking its completion took place on June 16, 1934. It was built by the Denver & Rio Grande Western at a cost of \$3,850,000 out of a loan to that company by the federal reconstruction finance corporation. Prior to the building of the line a trackage agreement was made whereby Denver & Rio Grande Western trains operating over the cut-off could use the Denver & Salt Lake line between Utah Junction and the connection at Orestod. The cut-off was made possible by the construction of the Moffat tunnel, through which the new service operates.

The line is 38.1 miles long and is supplemented by 12 miles of side tracks. It has two concrete-lined tunnels, crosses the Colorado river nine times and the Eagle river once. The line creates a new transcontinental route through Denver. Traffic out of Denver, where connections are made with three eastern lines, saves 173 miles in distance and eight hours in time through the elimination of a 119-mile haul south to Pueblo or a 110-mile haul north to Cheyenne before it turns westward. This saving applies to all traffic originating east of Denver or west of Dotsero.

## FIRES AND LOSSES BY FIRES IN DENVER BY CALENDAR YEARS

(Source: Denver Fire Department)

Note—Value of buildings involved in fires in 1941, \$46,352,253; value of contents, \$23,234,148; insurance on buildings, \$36,720,633; insurance on contents, \$22,504,057. Inventory value fire department equipment in 1941, \$1,444,415; net maintenance cost, \$905,689; personnel employed December 31, 1941, 403.

| Year      | Losses by Fire |            | Per Capita Losses in U. S. | Fire Alarms  |                        |              |
|-----------|----------------|------------|----------------------------|--------------|------------------------|--------------|
|           | Amount         | Per Capita |                            | Number Fires | False and Other Alarms | Total Alarms |
| 1930..... | \$530,496.31   | \$1.84     | \$4.09                     | 2,076        | 285                    | 2,361        |
| 1931..... | 363,293.99     | 1.25       | 3.64                       | 1,928        | 410                    | 2,338        |
| 1932..... | 655,918.71     | 2.12       | 3.21                       | 1,988        | 232                    | 2,220        |
| 1933..... | 298,690.25     | .996       | 2.16                       | 1,987        | 227                    | 2,214        |
| 1934..... | 333,348.37     | 1.11       | 2.08                       | 2,069        | 332                    | 2,401        |
| 1935..... | 432,737.08     | 1.33       | 1.85                       | 2,198        | 231                    | 2,429        |
| 1936..... | 336,411.90     | 1.03       | 2.08                       | 2,432        | 175                    | 2,607        |
| 1937..... | 442,129.44     | 1.36       | 1.96                       | 2,534        | 240                    | 2,774        |
| 1938..... | 231,414.32     | .71        | 1.99                       | 2,147        | 213                    | 2,360        |
| 1939..... | 479,678.28     | 1.47       | 2.10                       | 2,691        | 330                    | 3,021        |
| 1940..... | 202,925.43     | .624       | 2.18                       | 2,114        | 291                    | 2,405        |
| 1941..... | 492,486.49     | 1.515      | (1)                        | 2,783        | 262                    | 3,045        |

(1) Not available.

## PUBLIC WATER SUPPLIES OF THE LARGER CITIES OF COLORADO: ANALYSIS (PARTS PER MILLION) OF WATERS USED FOR DOMESTIC AND INDUSTRIAL PURPOSES

(Source: United States Geological Survey)

Note—These analyses were taken from Water Supply Paper No. 658, which gives descriptions of the municipal water supplies for the cities named in considerable detail. A summary of the report will be found on pages 486 and 487 of the 1939-1940 Year Book.

| CITY           | Total dissolved solids    | Silica (SiO <sub>2</sub> ) | Iron (Fe)        | Calcium (Ca) | Magnesium (Mg) | Sodium (Na)      | Potassium (K) | Bicarbonate (HCO <sub>3</sub> ) | Sulphate (SO <sub>4</sub> ) | Chloride (Cl) | Nitrate (NO <sub>3</sub> ) | Total Hardness as CaCO <sub>3</sub> <sup>a</sup> |
|----------------|---------------------------|----------------------------|------------------|--------------|----------------|------------------|---------------|---------------------------------|-----------------------------|---------------|----------------------------|--|
| Boulder.....   | 24                        | 3.8                        | <sup>b</sup> 1.6 | 3.9          | .4             | <sup>a</sup> 3.4 |               | 17                              | 1.5                         | 2.4           | -----                      | 11   |
| Colo. Spgs.--- | <sup>c</sup> 34           | 9.1                        | 4.1              | 5.7          | .8             | 2.7              | 1.3           | 17                              | 4.0                         | .4            | 0.40                       | 18   |
| Denver.....    | Av..... <sup>a</sup> 202  | 7.0                        | .11              | 32           | 10             | 23               | 2.4           | 103                             | 43                          | 31            | .43                        | 121  |
| A              | Max..... <sup>a</sup> 239 | 7.7                        | .05              | 38           | 12             | 28               | 3.0           | 132                             | 51                          | 32            | .3                         | 144  |
|                | Min..... <sup>a</sup> 157 | 8.5                        | .21              | 24           | 8.1            | 18               | 2.0           | 76                              | 32                          | 24            | .2                         | 93   |
| B.....         | <sup>a</sup> 274          | 8.7                        | <sup>b</sup> 1.8 | 54           | 9.1            | 31               | 3.5           | 203                             | 46                          | 18            | 1.8                        | 172  |
| Fort Collins_  | 42                        | 6.4                        | .21              | 5.2          | .9             | 1.9              | .8            | 12                              | 11                          | 1.0           | .15                        | 17   |
| Greeley.....   | 93                        | 17                         | .01              | 17           | 4.9            | 7.9              | 1.5           | 78                              | 8.4                         | 3.0           | .40                        | 63   |
| Pueblo.....    | A..... <sup>a</sup> 555   | 30                         | <sup>b</sup> 1.5 | 45           | 29             |                  | 89            | 134                             | 271                         | 24            | Trace                      | 231  |
|                | B.....                    | 447                        | <sup>b</sup> 1.5 | 56           | 23             |                  | 44            | 105                             | 209                         | 15            | Trace                      | 234  |
|                | C.....                    | 191                        | <sup>b</sup> 2.1 | 28           | 8.2            |                  | 11            | 56                              | 68                          | 9.1           | Trace                      | 104  |
| Trinidad---    | <sup>a</sup> 78           | 1.6                        | <sup>b</sup> 0.4 | 17           | 1.2            |                  | 13            | 90                              | .2                          | 1.0           | .0                         | 47   |

<sup>a</sup>Calculated.<sup>b</sup>Iron and aluminum oxides.<sup>c</sup>Includes 2.2 parts of fluoride.

**GLACIER WATER SUPPLY**

Boulder has the distinction of being the only city in America (and probably in the world) that owns a living glacier from which it obtains its municipal water supply. The city came into full possession on January 3, 1930, of 3,695 acres located in what was then the Colorado national forest, but now known as the Roosevelt national forest, when the United States deeded the land to the city. This was made possible by an act of congress which was originally introduced on December 11, 1919.

The area thus purchased includes Arapahoe glacier, located 30 miles west of Boulder, between North and South Arapahoe peaks, and the Arapahoe watershed. Prior to that time, January 31, 1906, the city purchased Silver, Island and Albion lakes and later, Goose lake, at the foot of Arapahoe peak, five miles from the glacier. This chain of lakes is fed by the melting snow of the Arapahoe glacier. The city also owns 2,300 acres along North Boulder creek in order to safeguard the purity of the water. An 18-mile steel pipe line takes the water from the creek to the city's distribution system.

A further description of Arapahoe Glacier is given in a chapter entitled "Glaciers."

**LARGEST SILVER NUGGET**

The largest silver nugget ever mined, as far as existing records dis-

close, was recovered in the Smuggler mine at Aspen, Colorado, in 1894. This nugget, according to D. P. Rohlfing, engineer for the owners of the mine at the time, was found in the eighth level or about 800 feet below the surface, in a large vein of ore at the junction of the Smuggler fault with the Della No. 2 fault. The ore surrounding the nugget was very high-grade silver ore consisting chiefly of argentite, polybasite, tennantite, pearcite and smaller nuggets, sheets and wires of native silver. The nugget in the raw weighed 2,060 pounds, but had to be trimmed off to get it through the shaft which reduced it to 1,840 pounds. The silver content was 93 per cent fine.

Some controversy has existed as to whether the record nugget came from the Smuggler or Mollie Gibson mine. This doubtless arose from the fact that another large nugget of native silver was recovered from the last-named mine and was widely exhibited throughout the country. The nugget from the Mollie Gibson, according to Percy Hagerman, of Colorado Springs, and C. H. Hanington, of the Colorado Museum of Natural History, was recovered in the early 90s and weighed 397 pounds. It was approximately 90 per cent pure with a little heavy spar scattered through it. A cast was made of the nugget and is on exhibition at the Colorado Museum of Natural History. The nugget itself was exhibited at the Chicago world's fair in 1893 and afterwards sold.

**Governmental and Political Record**

Past and Present State Officers, Congressional Representation, Area, Population and Valuation of State Senatorial and Representative Districts, Election Returns for Governor and President, Qualification of Voters, District Judges and District Attorneys, Elected County Officials, Initiative and Referendum

**T**HE accompanying list gives the names of all senators, representatives and governors of Colorado since the creation of Colorado territory in 1861. The lists of other state officials include only the names of those elected to the various offices since the admission of Colorado into the Union as a state, in 1876, and the time each served. A star (\*) indicates that the incumbent died in office.

**ELECTED STATE OFFICIALS**

**Delegates and Representatives to Congress**

Hiram J. Graham (Delegate for people of Pike's Peak) 1858-1859  
 Beverly D. Williams (Delegate from "Jefferson Territory") 1859-1860

**Territorial Representatives**

Hiram P. Bennet..... 1861-1865  
 Allen A. Bradford..... 1865-1867  
 George M. Chilcott..... 1867-1869  
 Allen A. Bradford..... 1869-1871  
 Jerome B. Chaffee..... 1871-1875  
 Thomas M. Patterson..... 1875-1876

## State Representatives in Congress

|                               |            |
|-------------------------------|------------|
| James B. Belford (R).....     | 1876-1877  |
| Thomas M. Patterson (D)....   | 1877-1879  |
| James B. Belford (R).....     | 1879-1885  |
| George G. Symes (R).....      | 1885-1889  |
| Hosea Townsend (R).....       | 1889-1893  |
| John C. Bell (D).....         | 1893-1903  |
| Lafe Pence (P).....           | 1893-1895  |
| John F. Shafroth (R).....     | 1895-1903  |
| Robert W. Bonyne (R).....     | 1903-1909  |
| Herschel M. Hogg (R).....     | 1903-1907  |
| Franklin E. Brooks (R).....   | 1903-1907  |
| George W. Cook (R).....       | 1907-1909  |
| Warren A. Haggott (R).....    | 1907-1909  |
| Atterson W. Rucker (D).....   | 1909-1913  |
| John A. Martin (D).....       | 1909-1913  |
| Edward Keating (D).....       | 1913-1919  |
| George J. Kindel (D).....     | 1913-1915  |
| H. H. Seldomridge (D).....    | 1913-1915  |
| B. C. Hilliard (D).....       | 1915-1919  |
| William N. Vaile (R).....     | *1919-1927 |
| S. Harrison White (D).....    | 1927-1928  |
| Charles B. Timberlake (R).... | 1915-1933  |
| Guy U. Hardy (R).....         | 1919-1933  |
| William R. Eaton (R).....     | 1928-1933  |
| Edward T. Taylor (D).....     | *1909-1941 |
| Lawrence Lewis (D).....       | 1933—      |
| Fred Cummings (D).....        | 1933-1941  |
| John A. Martin (D).....       | *1933-1940 |
| William S. Hill (R).....      | 1941—      |
| J. Edgar Chenowith (R).....   | 1941—      |
| Robert F. Rockwell (R).....   | 1942—      |

## United States Senators

|                                |            |
|--------------------------------|------------|
| Henry M. Teller (R).....       | 1876-1882  |
| Nerome B. Chaffee (R).....     | 1876-1879  |
| Nathaniel P. Hill (R).....     | 1879-1885  |
| George M. Chilcott (R).....    | 1882       |
| Horace A. W. Tabor (R).....    | 1883       |
| Thomas M. Bowen (R).....       | 1883-1889  |
| Henry M. Teller (R) and (D)... | 1885-1909  |
| Edward O. Wolcott (R).....     | 1889-1901  |
| Thomas M. Patterson (D).....   | 1901-1907  |
| Simon Guggenheim (R).....      | 1907-1913  |
| Charles J. Hughes, Jr. (D).... | *1909-1911 |
| Charles S. Thomas (D).....     | 1913-1921  |
| John F. Shafroth (D).....      | 1913-1919  |
| Lawrence C. Phipps (R).....    | 1919-1931  |
| S. D. Nicholson (R).....       | *1921-1923 |
| Alva B. Adams (D).....         | 1923-1925  |
| Rice W. Means (R).....         | 1925-1927  |
| Charles W. Waterman (R)....    | *1927-1932 |
| Walter Walker (D).....         | 1932       |
| Karl C. Schuyler (R).....      | *1932-1933 |
| Edward P. Costigan (D).....    | 1931-1937  |
| Alva B. Adams (D).....         | *1933-1941 |
| Edwin C. Johnson (D).....      | 1937—      |
| Eugene D. Millikin (R).....    | 1942—      |

## Justices of the Supreme Court

|                          |                      |
|--------------------------|----------------------|
| Benjamin F. Hall.....    | 1861-1863            |
| Charles Lee Armour.....  | 1861-1865            |
| S. Newton Pettis.....    | 1861-1862            |
| Allen A. Bradford.....   | 1862-1865            |
| Stephen S. Harding.....  | 1863-1865            |
| Charles F. Holly.....    | 1865-1866            |
| William H. Gale.....     | 1865-1866            |
| Moses Hallett.....       | 1866-1876            |
| Wm. R. Gorsline.....     | 1866-1870            |
| Christian S. Eyster..... | 1866-1871            |
| James B. Belford.....    | 1870-1875            |
| Ebenezer T. Wells.....   | 1871-1875, 1877      |
| Andrew W. Brazee.....    | 1875-1876            |
| Amherst W. Stone.....    | 1875-1876            |
| Henry C. Thatcher.....   | 1877-1879            |
| Samuel H. Elbert.....    | 1877-1888            |
| Wilbur F. Stone.....     | 1877-1886            |
| William E. Beck.....     | 1879-1889            |
| Joseph C. Helm.....      | 1879-1892, 1907-1909 |
| Melville B. Gerry.....   | 1888-1889            |
| Victor A. Elliott.....   | 1889-1895            |
| Charles D. Hayt.....     | 1889-1898            |
| Luther M. Goddard.....   | 1892-1901, 1905-1909 |
| William H. Gabbert.....  | 1898-1917            |
| Robert W. Steele.....    | *1901-1910           |
| Julius C. Gunter.....    | 1905-1907            |
| John M. Maxwell.....     | 1905-1909            |
| George W. Bailey.....    | 1905-1909            |
| Charles F. Caswell.....  | *1907-1908           |
| Morton S. Bailey.....    | *1909-1922           |

## Justices of the Supreme Court

—Continued

|                           |                      |
|---------------------------|----------------------|
| William A. Hill.....      | 1909-1919            |
| George W. Musser.....     | 1909-1915            |
| S. Harrison White.....    | 1909-1919            |
| James E. Garrigues.....   | 1911-1921            |
| Tully Scott.....          | 1913-1923            |
| James H. Teller.....      | 1915-1925            |
| George W. Allen.....      | 1917-1927            |
| John H. Denison.....      | 1919-1929            |
| John W. Sheafor.....      | *1923-1928           |
| R. Hickman Walker.....    | 1928                 |
| Greeley W. Whitford.....  | 1921-1931            |
| Wilbur M. Alter.....      | 1928-1933            |
| Julian H. Moore.....      | *1929-1933           |
| John T. Adams.....        | 1925-1935            |
| John Campbell.....        | 1895-1913, 1922-1937 |
| Charles C. Butler.....    | 1927-1937            |
| E. V. Holland.....        | 1933-1939            |
| Haslett P. Burke.....     | 1919—                |
| Benjamin C. Hilliard..... | 1931—                |
| Francis E. Bouck.....     | *1933-1941           |
| John C. Young.....        | 1935—                |
| Norris C. Bakke.....      | 1937—                |
| William L. Knous.....     | 1937—                |
| Otto Bock.....            | *1939-1942           |
| William S. Jackson.....   | 1941—                |
| Frank B. Goudy.....       | 1942—                |

## Judges of Court of Appeals

|                          |           |
|--------------------------|-----------|
| George Q. Richmond.....  | 1891-1893 |
| Julius B. Bissell.....   | 1891-1893 |
| Gilbert B. Reed.....     | 1891-1893 |
| Charles I. Thomson.....  | 1893-1899 |
| Adair Wilson.....        | 1896-1905 |
| Julius C. Gunter.....    | 1901-1905 |
| John M. Maxwell.....     | 1903-1905 |
| Tully Scott.....         | 1912-1913 |
| Edwin W. Hurlbut.....    | 1912-1915 |
| Stuart D. Walling.....   | 1912-1915 |
| Louis W. Cunningham..... | 1912-1915 |
| Alfred R. King.....      | 1912-1915 |
| John C. Bell.....        | 1913-1915 |
| William B. Morgan.....   | 1913-1915 |

## Territorial Governor

|                         |           |
|-------------------------|-----------|
| William Gilpin.....     | 1861-1862 |
| John Evans.....         | 1862-1865 |
| Alexander Cummings..... | 1865-1867 |
| A. C. Hunt.....         | 1867-1869 |
| Edward McCook.....      | 1869-1873 |
| Samuel H. Elbert.....   | 1873-1874 |
| Edward McCook.....      | 1874-1875 |
| John L. Routt.....      | 1875-1876 |

## State Governor

|                          |           |
|--------------------------|-----------|
| John L. Routt.....       | 1876-1879 |
| Frederick W. Pitkin..... | 1879-1883 |
| James B. Grant.....      | 1883-1885 |
| Benjamin H. Eaton.....   | 1885-1887 |
| Alva Adams.....          | 1887-1889 |
| Job A. Cooper.....       | 1889-1891 |
| John L. Routt.....       | 1891-1893 |
| Davis H. Waite.....      | 1893-1895 |
| Albert W. McIntire.....  | 1895-1897 |
| Alva Adams.....          | 1897-1899 |
| Charles S. Thomas.....   | 1899-1901 |
| James B. Orman.....      | 1901-1903 |
| James H. Peabody.....    | 1903-1905 |
| Alva Adams.....          | 1905      |
| James H. Peabody.....    | 1905      |
| Jesse F. McDonald.....   | 1905-1907 |
| Henry A. Buchtel.....    | 1907-1909 |
| John F. Shafroth.....    | 1909-1913 |
| Elias M. Ammons.....     | 1913-1915 |
| George A. Carlson.....   | 1915-1917 |
| Julius C. Gunter.....    | 1917-1919 |
| Olivier H. Shoup.....    | 1919-1923 |
| William E. Sweet.....    | 1923-1925 |
| Clarence J. Morley.....  | 1925-1927 |
| William H. Adams.....    | 1927-1933 |
| Edwin C. Johnson.....    | 1933-1937 |
| Ray H. Talbot.....       | 1937      |
| Teller Ammons.....       | 1937-1939 |
| Ralph L. Carr.....       | 1939-1943 |
| John C. Vivian.....      | 1943—     |

## Lieutenant Governor

|                         |           |
|-------------------------|-----------|
| Lafayette Head.....     | 1877-1879 |
| Horace A. W. Tabor..... | 1879-1883 |
| William H. Meyer.....   | 1883-1885 |

**Lieutenant Governor—Continued**

|                             |           |
|-----------------------------|-----------|
| Peter W. Breene.....        | 1885-1887 |
| Norman H. Meldrum.....      | 1887-1889 |
| William G. Smith.....       | 1889-1891 |
| William Story.....          | 1891-1893 |
| David H. Nichols.....       | 1893-1895 |
| Jared L. Brush.....         | 1895-1899 |
| Francis Carney.....         | 1899-1901 |
| David C. Coates.....        | 1901-1903 |
| Warren A. Haggott.....      | 1903-1905 |
| Arthur Cornforth.....       | 1905-1907 |
| E. R. Harper.....           | 1907-1909 |
| Stephen R. Fitzgarrald..... | 1909-1915 |
| Moses E. Lewis.....         | 1915-1917 |
| James E. Pulliam.....       | 1917-1919 |
| George Stephan.....         | 1919-1921 |
| Earl Cooley.....            | 1921-1923 |
| Robert F. Rockwell.....     | 1923-1925 |
| Sterling B. Lacy.....       | 1925-1927 |
| George M. Corlett.....      | 1927-1931 |
| Edwin C. Johnson.....       | 1931-1933 |
| Ray H. Talbot.....          | 1933-1937 |
| Frank J. Hayes.....         | 1937-1939 |
| John C. Vivian.....         | 1939-1943 |
| William E. Higby.....       | 1943—     |

**Secretary of State**

|                            |           |
|----------------------------|-----------|
| William M. Clark.....      | 1877-1879 |
| Norman H. Meldrum.....     | 1879-1883 |
| Melvin Edwards.....        | 1883-1887 |
| James Rice.....            | 1887-1891 |
| Edwin J. Eaton.....        | 1891-1893 |
| Nelson O. McClees.....     | 1893-1895 |
| Albert B. McGaffey.....    | 1895-1897 |
| Charles H. S. Whipple..... | 1897-1899 |
| Elmer F. Beckwith.....     | 1899-1901 |
| David A. Mills.....        | 1901-1903 |
| James Cowie.....           | 1903-1907 |
| Timothy O'Connor.....      | 1907-1909 |
| James B. Pearce.....       | 1909-1915 |
| John E. Ramer.....         | 1915-1917 |
| James R. Noland.....       | 1917-1921 |
| Carl S. Milliken.....      | 1921-1927 |
| Charles M. Armstrong.....  | 1927-1935 |
| James H. Carr.....         | 1935      |
| George E. Saunders.....    | 1935-1941 |
| Walter F. Morrison.....    | 1941—     |

**State Treasurer**

|                           |           |
|---------------------------|-----------|
| George C. Corning.....    | 1877-1879 |
| Nathan S. Culver.....     | 1879-1881 |
| W. S. Sanders.....        | 1881-1883 |
| Fred Walsen.....          | 1883-1885 |
| George R. Swallow.....    | 1885-1887 |
| Peter W. Breene.....      | 1887-1889 |
| W. H. Brisbane.....       | 1889-1891 |
| James N. Carlile.....     | 1891-1893 |
| Albert Nance.....         | 1893-1895 |
| Harry E. Mulnix.....      | 1895-1897 |
| George W. Kephart.....    | 1897-1899 |
| John H. Fesler.....       | 1899-1901 |
| James N. Chipley.....     | 1901-1903 |
| Whitney Newton.....       | 1903-1905 |
| John A. Holmberg.....     | 1905-1907 |
| Alfred E. Bent.....       | 1907-1909 |
| William J. Galligan.....  | 1909-1911 |
| Roady Kenehan.....        | 1911-1913 |
| Michael A. Leddy.....     | 1913-1915 |
| Allison E. Stocker.....   | 1915-1917 |
| Robert H. Higgins.....    | 1917-1919 |
| Harry E. Mulnix.....      | 1919-1921 |
| Arthur M. Stong.....      | 1921-1923 |
| Harry E. Mulnix.....      | 1923-1925 |
| William D. MacGinnis..... | 1925-1927 |
| Harry E. Mulnix.....      | *1927     |
| Herbert Fairall.....      | 1927-1929 |
| William D. MacGinnis..... | 1929-1931 |
| John M. Jackson.....      | 1931-1933 |
| Homer F. Bedford.....     | 1933-1935 |
| Charles M. Armstrong..... | 1935-1937 |
| Homer F. Bedford.....     | 1937-1939 |
| Charles M. Armstrong..... | 1939-1941 |
| Homer F. Bedford.....     | 1941-1943 |
| Leon E. Lavington.....    | 1943—     |

**Auditor of State**

|                            |           |
|----------------------------|-----------|
| David C. Crawford.....     | 1877-1879 |
| Eugene K. Stimson.....     | 1879-1881 |
| Joseph A. Davis.....       | 1881-1883 |
| J. C. Abbott.....          | 1883-1885 |
| Hiram A. Spruance.....     | 1885-1887 |
| Darwin P. Kingsley.....    | 1887-1889 |
| L. B. Schwanbeck.....      | 1889-1891 |
| John M. Henderson.....     | 1891-1893 |
| F. M. Goodykoontz.....     | 1893-1895 |
| Clifford C. Parks.....     | 1895-1897 |
| John W. Lowell.....        | 1897-1899 |
| George W. Temple.....      | 1899-1901 |
| Charles W. Crowter.....    | 1901-1903 |
| John A. Holmberg.....      | 1903-1905 |
| Alfred E. Bent.....        | 1905-1907 |
| George D. Statler.....     | 1907-1909 |
| Roady Kenehan.....         | 1909-1911 |
| Michael A. Leddy.....      | 1911-1913 |
| Roady Kenehan.....         | 1913-1915 |
| Harry E. Mulnix.....       | 1915-1917 |
| Charles H. Leckenby.....   | 1917-1919 |
| Arthur M. Stong.....       | 1919-1921 |
| Harry E. Mulnix.....       | 1921-1923 |
| Arthur M. Stong.....       | 1923-1925 |
| Charles Davis.....         | 1925-1927 |
| W. D. MacGinnis.....       | 1927-1929 |
| John M. Jackson.....       | 1929-1931 |
| William D. MacGinnis.....  | 1931-1933 |
| Benjamin F. Stapleton..... | 1933-1935 |
| Homer F. Bedford.....      | 1935-1937 |
| Thomas Annear.....         | 1937-1939 |
| Homer F. Bedford.....      | 1939-1941 |
| Charles M. Armstrong.....  | 1941-1943 |
| James L. Bradley.....      | 1943—     |

**Attorney General**

|                           |            |
|---------------------------|------------|
| A. J. Sampson.....        | 1877-1879  |
| Charles W. Wright.....    | 1879-1881  |
| Charles H. Toll.....      | 1881-1883  |
| D. C. Army.....           | 1883-1885  |
| Theodore H. Thomas.....   | 1885-1887  |
| Alvin Marsh.....          | 1887-1889  |
| Samuel W. Jones.....      | 1889-1891  |
| Joseph H. Maupin.....     | 1891-1893  |
| Eugene Engley.....        | 1893-1895  |
| Byron L. Carr.....        | 1895-1899  |
| David M. Campbell.....    | 1899-1901  |
| Charles C. Post.....      | 1901-1903  |
| Nathan C. Miller.....     | 1903-1907  |
| William H. Dickson.....   | 1907-1909  |
| John T. Barnett.....      | 1909-1911  |
| Benjamin Griffith.....    | 1911-1913  |
| Fred Farrar.....          | 1913-1917  |
| Leslie E. Hubbard.....    | 1917-1919  |
| Victor E. Keyes.....      | 1919-1923  |
| Russell W. Fleming.....   | *1923      |
| Wayne C. Williams.....    | 1924-1925  |
| William L. Boatright..... | 1925-1929  |
| Robert E. Winbourn.....   | *1929      |
| John S. Underwood.....    | *1930      |
| Clarence L. Ireland.....  | 1931-1933  |
| Paul P. Prosser.....      | *1933-1936 |
| Byron G. Rogers.....      | 1936-1941  |
| Gail L. Ireland.....      | 1941—      |

**Superintendent of Public Instruction**

|                          |           |
|--------------------------|-----------|
| Joseph C. Shattuck.....  | 1877-1881 |
| Leonidas S. Cornell..... | 1881-1883 |
| Joseph C. Shattuck.....  | 1883-1885 |
| Leonidas C. Cornell..... | 1885-1889 |
| Fred Dick.....           | 1889-1891 |
| Nathan Coy.....          | 1891-1893 |
| John F. Murrav.....      | 1893-1895 |
| Angette J. Peavey.....   | 1895-1897 |
| Grace Espey Patton.....  | 1897-1899 |
| Helen L. Grenfell.....   | 1899-1905 |
| Katherine L. Craig.....  | 1905-1909 |
| Katherine Cook.....      | 1909-1911 |
| Helen M. Wixon.....      | 1911-1913 |
| Mary C. C. Bradford..... | 1913-1921 |
| Katherine L. Craig.....  | 1921-1923 |
| Mary C. C. Bradford..... | 1923-1927 |
| Katherine L. Craig.....  | 1927-1931 |
| Inez Johnson Lewis.....  | 1931—     |

COLORADO'S VOTE BY YEARS FOR PRESIDENT AND GOVERNOR

| Year    | President       |               | Governor        |               | Year    | President       |               | Governor        |               |
|---------|-----------------|---------------|-----------------|---------------|---------|-----------------|---------------|-----------------|---------------|
|         | Repub-<br>lican | Democr-<br>at | Repub-<br>lican | Democr-<br>at |         | Repub-<br>lican | Democr-<br>at | Repub-<br>lican | Democr-<br>at |
| 1876... |                 |               | 13,316          | 14,154        | 1910... |                 |               | 97,648          | 115,627       |
| 1878... |                 |               | 14,396          | 11,573        | 1912... | 58,386          | 114,232       | 63,061          | 114,044       |
| 1880... | 27,450          | 24,647        |                 |               | 1914... |                 |               | 129,096         | 95,640        |
| 1882... |                 |               | 27,552          | 29,897        | 1916... | 102,308         | 178,816       | 117,723         | 151,962       |
| 1884... | 36,290          | 27,723        | 30,471          | 27,420        | 1918... |                 |               | 112,693         | 102,397       |
| 1886... |                 |               | 26,533          | 28,129        | 1920... | 173,298         | 104,936       | 174,488         | 108,738       |
| 1888... | 50,774          | 37,567        |                 |               | 1922... |                 |               | 134,353         | 138,098       |
| 1890... |                 |               |                 |               | 1924... | 193,956         | 75,238        | 177,298         | 150,229       |
| 1892... | 38,620          | *53,584       | 38,806          | 8,944         | 1926... |                 |               | 116,756         | 183,342       |
| 1894... |                 |               | 93,502          | 8,337         | 1928... | 253,872         | 133,131       | 144,167         | 240,160       |
| 1896... | 26,279          | 161,269       | 71,816          | 87,387        | 1930... |                 |               | 124,157         | 197,067       |
| 1898... |                 |               | 50,880          | 92,274        | 1932... | 189,617         | 250,877       | 183,258         | 257,188       |
| 1900... | 93,039          | 122,733       | 93,245          | 121,995       | 1934... |                 |               | 162,791         | 237,026       |
| 1902... |                 |               | 87,512          | 80,217        | 1936... | 181,267         | 295,021       | 210,614         | 263,311       |
| 1904... | 134,687         | 100,105       | 113,499         | 124,617       | 1938... |                 |               | 255,159         | 199,562       |
| 1906... |                 |               | 92,646          | 74,512        | 1940... | 279,576         | 265,554       | 296,671         | 245,302       |
| 1908... | 123,700         | 126,644       | 118,953         | 130,141       | 1942... |                 |               | £194,041        | £149,402      |

\*People's party.

†Progressive party vote was 72,306 for president and 66,132 for governor. Social-ist vote, 16,418 for president and 16,194 for governor.

‡Progressive vote for governor was 33,320; Socialist, 10,516.

§Socialist vote, 10,049 for president and 12,495 for governor.

¶La Follette Progressive vote for president, 57,368.

‡Unofficial.

In 1892 Populist vote for governor was 44,242.

In 1894 Populist vote for governor was 74,894.

Vote for governor in 1880, 1888 and 1890 is not available.

REPRESENTATION IN THE STATE HOUSE OF REPRESENTATIVES

Note—Based on census for 1940 and assessed valuations for 1940 as reported by the State Tax Commission.

| Counties in Representative District              | No. of Representatives | Total Area in Sq. Miles | Total Population | Total Assessed Value |
|--|------------------------|-------------------------|------------------|----------------------|
| Denver .....                                     | 15                     | 59                      | 322,412          | \$ 363,255,920       |
| Pueblo .....                                     | 4                      | 2,414                   | 68,870           | 56,713,391           |
| Weld .....                                       | 4                      | 4,033                   | 63,747           | 64,362,180           |
| El Paso .....                                    | 3                      | 2,159                   | 54,025           | 50,835,420           |
| Las Animas .....                                 | 2                      | 4,798                   | 32,369           | 27,196,297           |
| Boulder .....                                    | 2                      | 758                     | 37,438           | 37,465,065           |
| Larimer, Jackson .....                           | 2                      | 4,268                   | 37,337           | 38,765,915           |
| Arapahoe, Elbert .....                           | 2                      | 2,691                   | 37,610           | 27,485,700           |
| Crowley, Otero .....                             | 2                      | 2,088                   | 28,969           | 26,016,060           |
| Mesa .....                                       | 2                      | 3,334                   | 33,791           | 20,851,635           |
| Delta .....                                      | 1                      | 1,161                   | 16,470           | 9,487,760            |
| Huerfano .....                                   | 1                      | 1,580                   | 16,088           | 9,039,285            |
| Jefferson .....                                  | 1                      | 791                     | 30,725           | 23,441,745           |
| Logan .....                                      | 1                      | 1,849                   | 18,370           | 20,938,990           |
| Morgan .....                                     | 1                      | 1,300                   | 17,214           | 17,155,620           |
| Adams .....                                      | 1                      | 1,252                   | 22,481           | 22,781,260           |
| Washington .....                                 | 1                      | 2,530                   | 8,336            | 8,982,433            |
| Yuma .....                                       | 1                      | 2,383                   | 12,102           | 10,276,340           |
| Kit Carson .....                                 | 1                      | 2,171                   | 7,512            | 8,392,355            |
| Prowers .....                                    | 1                      | 1,636                   | 12,304           | 13,684,335           |
| Baca .....                                       | 1                      | 2,565                   | 6,207            | 8,361,890            |
| Routt, Moffat, Grand .....                       | 1                      | 8,961                   | 19,198           | 22,571,555           |
| Montrose, Ouray .....                            | 1                      | 2,780                   | 17,507           | 11,172,551           |
| San Miguel, Dolores, Montezuma .....             | 1                      | 4,410                   | 16,085           | 10,307,065           |
| La Plata, San Juan .....                         | 1                      | 2,083                   | 16,933           | 12,364,095           |
| Hinsdale, Gunnison, Saguache .....               | 1                      | 7,451                   | 12,714           | 15,185,684           |
| Rio Grande, Mineral .....                        | 1                      | 1,839                   | 13,379           | 8,993,039            |
| Conejos, Archuleta .....                         | 1                      | 2,638                   | 15,454           | 9,149,606            |
| Alamosa, Costilla .....                          | 1                      | 1,943                   | 18,017           | 10,573,531           |
| Freemont, Custer .....                           | 1                      | 2,300                   | 22,012           | 15,152,980           |
| Park, Teller, Douglas .....                      | 1                      | 3,577                   | 13,231           | 16,150,110           |
| Lake, Chaffee .....                              | 1                      | 1,424                   | 14,992           | 27,761,945           |
| Eagle, Pitkin, Summit, Clear Creek, Gilpin ..... | 1                      | 3,821                   | 14,360           | 25,750,632           |
| Rio Blanco, Garfield .....                       | 1                      | 6,264                   | 13,503           | 15,710,750           |
| Sedgwick, Phillips .....                         | 1                      | 1,234                   | 10,242           | 13,868,125           |
| Cheyenne, Lincoln .....                          | 1                      | 4,365                   | 8,846            | 16,845,875           |
| Kiowa, Bent .....                                | 1                      | 3,337                   | 12,446           | 16,143,461           |
| Total .....                                      | 65                     | 104,247                 | 1,123,296        | \$1,113,190,600      |

**REPRESENTATION OF COUNTIES IN THE STATE SENATE BY AREA,  
POPULATION AND ASSESSED VALUATION**

Note—Based on census for 1940 and assessed valuations for,1940 as reported by the State Tax Commission.

| District  | No. of Senators | Counties  | Total Area in Sq. Miles | Total Population | Total Assessed Valuation |
|-----------|-----------------|---|-------------------------|------------------|--------------------------|
| 1st.....  | 8               | Denver .....                                      | 59                      | 322,412          | \$ 363,255,920           |
| 2nd.....  | 2               | Pueblo .....                                      | 2,414                   | 68,870           | 56,713,391               |
| 3rd.....  | 2               | El Paso.....                                      | 2,159                   | 54,025           | 50,835,420               |
| 4th.....  | 1               | Las Animas.....                                   | 4,798                   | 32,369           | 27,196,297               |
| 5th.....  | 1               | Boulder .....                                     | 758                     | 37,438           | 37,465,065               |
| 6th.....  | 1               | Chaffee, Park, Teller, Gilpin and Clear Creek.... | 4,317                   | 23,253           | 23,243,098               |
| 7th.....  | 2               | Weld .....  | 4,033                   | 63,747           | 64,362,180               |
| 8th.....  | 1               | Jefferson and Douglas....                         | 1,635                   | 34,221           | 30,409,250               |
| 9th.....  | 1               | Fremont and Custer.....                           | 2,300                   | 22,012           | 15,152,980               |
| 10th..... | 1               | Larimer .....                                     | 2,640                   | 35,539           | 36,103,570               |
| 11th..... | 1               | Delta, Gunnison and Hinsdale .....                | 5,466                   | 23,011           | 18,566,295               |
| 12th..... | 1               | Logan, Sedgwick and Phillips .....                | 3,083                   | 28,612           | 34,807,115               |
| 13th..... | 1               | Rio Blanco, Moffat, Routt, Jackson and Grand....  | 13,853                  | 23,939           | 29,072,600               |
| 14th..... | 1               | Huerfano, Costilla and Alamosa .....              | 3,523                   | 34,105           | 19,612,816               |
| 15th..... | 1               | Saguache, Mineral, Rio Grande and Conejos....     | 6,259                   | 31,200           | 21,287,848               |
| 16th..... | 1               | Mesa .....  | 3,334                   | 33,791           | 20,851,635               |
| 17th..... | 1               | Montrose, Ouray, San Miguel and Dolores....       | 5,093                   | 23,129           | 15,997,586               |
| 18th..... | 1               | Kit Carson, Cheyenne, Lincoln and Kiowa....       | 8,330                   | 19,151           | 31,585,547               |
| 19th..... | 1               | San Juan, Montezuma, La Plata and Archuleta...    | 5,544                   | 31,202           | 20,808,061               |
| 20th..... | 1               | Washington and Yuma...                            | 4,913                   | 20,438           | 19,258,773               |
| 21st..... | 1               | Garfield, Summit, Eagle, Lake and Pitkin.....     | 6,661                   | 26,394           | 51,324,134               |
| 22nd..... | 1               | Arapahoe and Elbert....                           | 2,691                   | 37,610           | 27,485,700               |
| 23rd..... | 1               | Otero and Crowley.....                            | 2,088                   | 28,969           | 26,016,060               |
| 24th..... | 1               | Adams and Morgan.....                             | 2,552                   | 39,695           | 39,936,880               |
| 25th..... | 1               | Bent, Prowers and Baca....                        | 5,744                   | 28,164           | 31,842,379               |
| Total..   | 35              |   | 104,247                 | 1,123,296        | \$1,113,190,600          |

**COLORADO STATE OFFICIALS FOR 1943-1945**

**United States Senators**

Edwin C. Johnson...Dem.....Term: January 3, 1943, to January 3, 1949  
 Eugene D. Millikin...Rep.....Term: January 3, 1943, to January 3, 1945

The salary of a United States Senator is \$10,000 per annum.

**Congressmen**

Lawrence Lewis.....Dem.....First District.....Denver  
 William S. Hill.....Rep.....Second District.....Fort Collins  
 J. Edgar Chenoweth.....Rep.....Third District.....Trinidad  
 Robert F. Rockwell.....Rep.....Fourth District.....Paonia

Terms of all congressmen expire January 3, 1945. The salary is \$10,000 per annum.

**Executive State Officers**

Governor .....John C. Vivian.....Rep.....Golden  
 Lieutenant Governor.....William E. Higby.....Rep.....Monument  
 Secretary of State.....Walter F. Morrison.....Rep.....Greeley  
 Treasurer .....Leon E. Lavington.....Rep.....Flagler  
 Auditor .....James L. Bradley.....Rep.....Wray  
 Attorney General.....Gail L. Ireland.....Rep.....Denver  
 Supt. Public Instruction.....Inez Johnson Lewis.....Dem.....Colorado Springs

Terms of state executive officials expire in January, 1945. Salaries per annum are as follows: Governor, \$10,000; lieutenant governor, \$1,000; treasurer, \$6,000; secretary of state, \$4,000; auditor, \$4,000; attorney general, \$5,000; superintendent of public instruction, \$3,000.

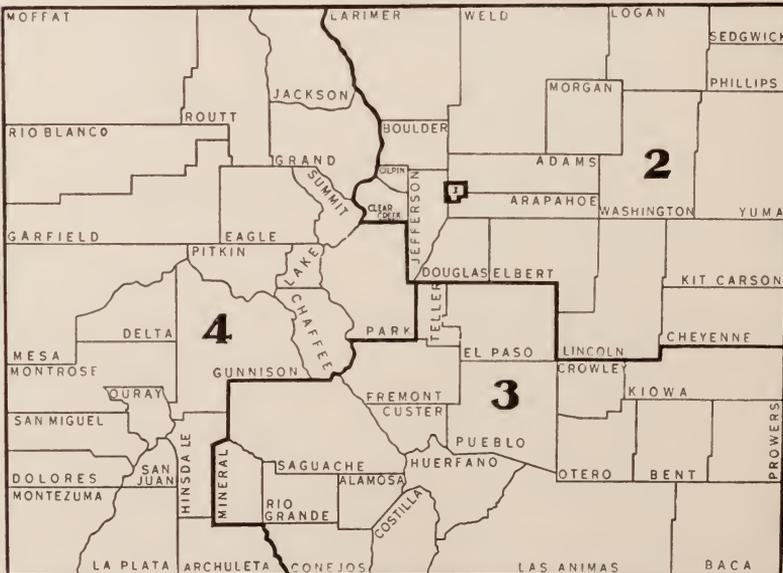
**Justices of the Supreme Court**

John C. Young, Dem., Colorado Springs, Chief Justice

Norris C. Bakke, Dem., Sterling  
 Benjamin C. Hilliard, Dem., Denver  
 William L. Knous, Dem., Montrose  
 William S. Jackson, Rep., Colorado Springs  
 Haslett P. Burke, Rep., Sterling  
 Frank Burris Goudy, Rep., Monte Vista

The justices of the supreme court receive salaries of \$6,500 per annum and are elected for terms of ten years, or unexpired terms of deceased predecessors. They are named in the above list in the order of their election.

**COLORADO CONGRESSIONAL DISTRICTS**



ELECTION RETURNS BY COUNTIES FOR PRESIDENT

| COUNTY      | 1940           |              | 1936           |             | 1932           |             | 1928        |            |
|-------------|----------------|--------------|----------------|-------------|----------------|-------------|-------------|------------|
|             | Roosevelt Dem. | Willkie Rep. | Roosevelt Dem. | Landon Rep. | Roosevelt Dem. | Hoover Rep. | Hoover Rep. | Smith Dem. |
| Adams       | 4,674          | 4,767        | 4,865          | 3,124       | 4,554          | 2,812       | 4,031       | 2,265      |
| Alamosa     | 2,467          | 2,243        | 2,754          | 1,188       | 2,141          | 1,306       | 1,759       | 1,239      |
| Arapahoe    | 7,571          | 7,988        | 6,489          | 4,272       | 5,796          | 4,287       | 6,086       | 2,463      |
| Archuleta   | 744            | 869          | 761            | 541         | 928            | 462         | 610         | 447        |
| Baca        | 1,167          | 1,567        | 1,797          | 1,288       | 2,247          | 1,349       | 2,108       | 524        |
| Bent        | 1,759          | 1,899        | 1,821          | 1,299       | 1,948          | 1,327       | 1,957       | 741        |
| Boulder     | 9,039          | 10,525       | 9,788          | 7,244       | 8,412          | 7,487       | 9,457       | 4,363      |
| Chaffee     | 2,153          | 1,933        | 2,477          | 1,069       | 2,393          | 1,061       | 1,880       | 1,230      |
| Cheyenne    | 758            | 915          | 903            | 767         | 1,042          | 746         | 945         | 500        |
| Clear Creek | 1,281          | 1,018        | 1,340          | 720         | 939            | 597         | 790         | 481        |
| Conejos     | 2,481          | 2,028        | 2,347          | 1,305       | 2,641          | 1,190       | 1,463       | 1,692      |
| Costilla    | 1,698          | 1,121        | 1,518          | 930         | 1,475          | 707         | 657         | 1,070      |
| Crowley     | 850            | 1,419        | 1,163          | 920         | 1,266          | 811         | 1,243       | 635        |
| Custer      | 495            | 685          | 674            | 526         | 729            | 413         | 600         | 389        |
| Delta       | 3,044          | 4,175        | 3,230          | 2,661       | 3,467          | 2,341       | 3,731       | 1,672      |
| Denver      | 90,938         | 81,328       | 99,263         | 50,743      | 72,868         | 59,372      | 73,543      | 41,238     |
| Dolores     | 379            | 478          | 323            | 225         | 464            | 183         | 387         | 278        |
| Douglas     | 801            | 1,298        | 1,044          | 895         | 1,061          | 836         | 1,107       | 603        |
| Eagle       | 1,474          | 1,077        | 1,541          | 776         | 1,348          | 712         | 1,014       | 570        |
| Elbert      | 934            | 1,756        | 1,319          | 1,374       | 1,649          | 1,277       | 1,933       | 738        |
| El Paso     | 13,320         | 16,766       | 15,652         | 10,965      | 11,353         | 12,017      | 16,243      | 5,069      |
| Fremont     | 4,186          | 5,150        | 4,471          | 3,631       | 4,295          | 3,294       | 5,365       | 2,352      |
| Garfield    | 2,141          | 2,894        | 2,406          | 1,945       | 2,946          | 1,734       | 2,435       | 1,562      |
| Gilpin      | 431            | 413          | 736            | 321         | 539            | 271         | 299         | 236        |
| Grand       | 863            | 1,074        | 846            | 714         | 771            | 598         | 770         | 451        |
| Gunnison    | 1,771          | 1,556        | 2,179          | 978         | 1,807          | 985         | 1,456       | 1,135      |
| Hinsdale    | 103            | 150          | 137            | 129         | 138            | 94          | 128         | 106        |
| Huerfano    | 3,974          | 2,738        | 4,793          | 2,299       | 4,159          | 2,490       | 3,260       | 3,343      |
| Jackson     | 357            | 526          | 433            | 419         | 415            | 390         | 401         | 249        |
| Jefferson   | 7,745          | 8,780        | 7,283          | 5,271       | 6,023          | 5,522       | 6,754       | 2,880      |
| Kiowa       | 598            | 986          | 918            | 772         | 1,113          | 769         | 1,024       | 458        |
| Kit Carson  | 1,100          | 2,481        | 1,730          | 1,980       | 2,289          | 1,835       | 2,486       | 1,137      |
| Lake        | 2,063          | 1,403        | 2,164          | 650         | 1,436          | 801         | 990         | 1,449      |
| La Plata    | 2,835          | 3,871        | 3,040          | 2,354       | 3,156          | 2,124       | 2,837       | 1,872      |
| Larimer     | 6,402          | 10,720       | 7,521          | 7,243       | 6,494          | 7,040       | 8,213       | 3,203      |
| Las Animas  | 8,766          | 4,859        | 10,220         | 3,333       | 8,964          | 3,651       | 5,367       | 6,458      |
| Lincoln     | 1,185          | 1,780        | 1,660          | 1,420       | 1,979          | 1,453       | 2,110       | 889        |
| Logan       | 2,819          | 4,613        | 4,070          | 3,136       | 3,641          | 3,157       | 4,377       | 1,620      |
| Mesa        | 7,694          | 7,049        | 7,824          | 3,654       | 6,682          | 4,388       | 6,446       | 3,223      |
| Mineral     | 273            | 229          | 285            | 126         | 210            | 112         | 144         | 187        |
| Moffat      | 1,056          | 1,556        | 1,090          | 954         | 1,388          | 880         | 1,346       | 710        |
| Montezuma   | 1,573          | 2,313        | 1,579          | 1,087       | 1,779          | 887         | 1,341       | 772        |
| Montrose    | 3,013          | 3,744        | 2,938          | 2,248       | 2,516          | 1,992       | 2,873       | 1,297      |
| Morgan      | 2,527          | 4,654        | 3,146          | 3,053       | 3,181          | 3,370       | 4,197       | 1,242      |
| Otero       | 4,567          | 5,459        | 5,775          | 3,859       | 5,107          | 3,974       | 5,788       | 1,876      |
| Ouray       | 606            | 589          | 677            | 428         | 706            | 398         | 535         | 479        |
| Park        | 869            | 986          | 1,336          | 746         | 1,057          | 577         | 740         | 419        |
| Phillips    | 919            | 1,168        | 1,602          | 941         | 1,453          | 903         | 1,440       | 705        |
| Pitkin      | 503            | 484          | 659            | 305         | 727            | 239         | 485         | 454        |
| Prowers     | 2,309          | 3,115        | 2,896          | 2,432       | 3,020          | 2,568       | 3,228       | 1,216      |
| Pueblo      | 18,805         | 14,185       | 18,660         | 10,071      | 15,325         | 10,414      | 15,541      | 7,881      |
| Rio Blanco  | 530            | 1,021        | 587            | 830         | 826            | 687         | 860         | 429        |
| Rio Grande  | 2,242          | 3,075        | 2,574          | 1,884       | 2,539          | 1,557       | 2,254       | 1,226      |
| Routt       | 2,775          | 2,212        | 2,817          | 1,541       | 2,643          | 1,568       | 2,304       | 1,645      |
| Saguache    | 1,142          | 1,462        | 1,326          | 1,071       | 1,427          | 931         | 1,491       | 854        |
| San Juan    | 378            | 452          | 622            | 196         | 544            | 160         | 277         | 436        |
| San Miguel  | 851            | 729          | 867            | 433         | 862            | 383         | 721         | 554        |
| Sedgwick    | 959            | 1,448        | 1,358          | 977         | 1,288          | 884         | 1,247       | 580        |
| Summit      | 540            | 479          | 496            | 268         | 397            | 224         | 362         | 306        |
| Teller      | 2,084          | 1,268        | 2,349          | 940         | 1,534          | 752         | 1,184       | 1,037      |
| Washington  | 1,403          | 2,390        | 2,071          | 1,723       | 2,378          | 1,385       | 2,132       | 851        |
| Weld        | 10,650         | 16,129       | 12,933         | 9,606       | 11,182         | 10,754      | 13,719      | 5,762      |
| Yuma        | 1,920          | 3,531        | 2,878          | 2,462       | 3,220          | 2,129       | 3,401       | 1,383      |
| Total       | 265,554        | 279,576      | 295,021        | 181,267     | 250,877        | 189,617     | 253,872     | 133,131    |

## INITIATIVE AND REFERENDUM

Although the legislative power of the state of Colorado is vested by the state constitution in the general assembly, the people, through the adoption of the initiative, reserved to themselves the power to propose amendments to the constitution and statutory laws and to enact or reject same at the polls, likewise, through the adoption of the referendum, they reserved to themselves the power, at their own option or if so ordered by the general assembly, to approve or reject at the polls any act, item, section or part of any act of the general assembly with certain limitations on the type of legislation referred.

The proposed constitutional amendment reserving to the people the right of the initiative and referendum was submitted to popular vote by the legislature in 1910. It was adopted by the people in November of that year, and is Sec. 1 of Art. 5 of the constitution. The initiative and referendum do not, however, deprive the general assembly of the right to enact any law within constitutional limitations or of the right to repeal or amend any initiated or referred law approved by the people, though the veto power of the Governor does not extend to measures initiated by the people or to measures referred to the people by the general assembly.

A survey of the initiative and referendum in Colorado prepared by the state legislative reference office gives a summary of the law and its requirements and of measures submitted to the people under its provisions. In the 16 biennial elections from 1910 to the end of 1942 a total of 127 measures were voted upon, of which 39 or 30.7 per cent, were adopted and 88, or 69.3 per cent, were defeated. These included 78 constitutional amendments, of which 20 were adopted and 58 were rejected. There were 49 proposed laws voted upon, of which 19 were adopted and 30 were rejected. Of the proposed constitutional amendments, 33 were referred to the people by the legislature and 45 were initiated by popular petition. Of the proposed laws, 13 were first adopted by the legislature and then referred by petition for popular vote under the referendum provision, and the remainder were initiated by petition. Of the 13 legislative acts referred to popular vote, three were upheld and 10 rejected.

The largest majority by which any measure was defeated was that scored against the proposal for the establishment of the office of State Printer, in

1924, which was defeated by a margin of 193,355. The largest majority cast in favor of any measure was that providing for the care of the insane, which carried in 1916 by a majority of 124,805.

The referendum has been successful in nullifying measures passed by the legislature in only three instances out of a total of 13 legislative acts referred. Although in the first three elections after the establishment of the right of referendum 12 measures were referred to the people after legislative action, only three measures have been referred since 1916.

Prohibition has been before the people in various phases in seven instances since adoption of the initiative and referendum amendment. In four instances the prohibition measures were successful and in three elections the anti-prohibitionists prevailed. The two outstanding tests were the adoption of the so called "bone dry" amendment in 1918, which was adopted by a majority of 48,896, and the initiated measure repealing all constitutional and statutory prohibition provisions previously enacted. The repeal amendment was adopted in November, 1932, by a majority of 50,540.

In five of the 16 elections none of the measures submitted to popular vote carried, and in one election—that of 1918—all proposed measures were adopted.

A table published herewith gives the number and type of measures voted upon and the results by years.

### 34TH GENERAL ASSEMBLY

The 34th general assembly of the Colorado legislature convened at noon on Wednesday, January 6, 1943. The assembly is composed of 35 senators and 65 representatives. The senate is made up of senators from 25 districts in the state. These districts, the counties comprising the districts, and the area, population and assessed value of each district is shown in a table on page 503. Another table showing similar information for the house of representatives is published on page 502. The complexion of the assembly is predominantly Republican, the division being 55 Republicans and 10 Democrats in the house and 24 Republicans and 11 Democrats in the senate. The administration, consisting of seven elective officers, including the Governor, is composed of six Republicans and one Democrat.

**INITIATIVE AND REFERENDUM: NUMBER OF PROPOSALS VOTED UPON, BY YEARS, NUMBER ADOPTED AND NUMBER DEFEATED**

(Source: State Legislative Reference Office)

| Year        | Total Number Voted Upon | Constitutional Amendments Voted Upon |         |          | Laws Voted Upon |         |          |
|-------------|-------------------------|--------------------------------------|---------|----------|-----------------|---------|----------|
|             |                         | Total                                | Adopted | Defeated | Total           | Adopted | Defeated |
| 1912.....   | 32                      | 14                                   | 3       | 11       | 18              | 6       | 12       |
| 1914.....   | 16                      | 8                                    | 2       | 6        | 8               | 2       | 6        |
| 1916*.....  | 7                       | 2                                    | 0       | 2        | 5               | 3       | 2        |
| 1918.....   | 5                       | 3                                    | 3       | 0        | 2               | 2       | 0        |
| 1920.....   | 10                      | 5                                    | 2       | 3        | 5               | 2       | 3        |
| 1922*.....  | 9                       | 7                                    | 2       | 5        | 2               | 0       | 2        |
| 1924.....   | 3                       | 3                                    | 0       | 3        | 0               | 0       | 0        |
| 1926.....   | 7                       | 5                                    | 0       | 5        | 2               | 0       | 2        |
| 1928.....   | 5                       | 5                                    | 1       | 4        | 0               | 0       | 0        |
| 1930*.....  | 1                       | 1                                    | 0       | 1        | 0               | 0       | 0        |
| 1932.....   | 7                       | 5                                    | 1       | 4        | 2               | 1       | 1        |
| 1934.....   | 7                       | 6                                    | 1       | 5        | 1               | 1       | 0        |
| 1936.....   | 9                       | 7                                    | 4       | 3        | 2               | 2       | 0        |
| 1938.....   | 3                       | 2                                    | 0       | 2        | 1               | 0       | 1        |
| 1940.....   | 5                       | 4                                    | 0       | 4        | 1               | 0       | 1        |
| 1942.....   | 1                       | 1                                    | 1       | 0        | 0               | 0       | 0        |
| Totals..... | 127                     | 78                                   | 20      | 58       | 49              | 19      | 30       |

\*Proposals for the holding of a constitutional convention were voted on in 1916, 1922, and 1930.

**QUALIFICATIONS OF VOTERS**

Every person over the age of 21 years, possessing the following qualifications, shall be entitled to vote at all elections in Colorado:

He or she shall be a citizen of the United States and shall have resided in the state one year immediately preceding the election at which he offers to vote; in the county 90 days; in the city or town 30 days; and in the ward or precinct 10 days.

Every female person shall be entitled to vote at all elections in the same manner and in all respects as male persons, and the same qualifications apply.

All elective candidates for offices at general elections are nominated in primary elections held on the second Tuesday in September, biennially. Candidates for nominations in the primary elections may be chosen in assembly by political parties as party nominees or their names may be placed upon the primary ballots by

petition. Candidates nominated by petition for any district office greater than a county must file petitions signed by not less than 300 qualified electors and for other offices by not less than 100 electors. No petition shall require more signers than 10 per cent of the gubernatorial votes cast by such political party at the last preceding election in such political subdivision.

All ballots cast in primary elections are for party designations.

All voters must be registered upon the rolls opened by the boards of registry in the political subdivisions. A person once registered does not have to register again unless he has failed to vote at the preceding general election or he has changed his residence in the meantime.

The headless ballot is provided at all general elections and electors vote for each candidate individually by placing a cross in a space provided opposite the candidate's name.

## DISTRICT JUDGES AND DISTRICT ATTORNEYS

Note—Terms of District Judges and District Attorneys expire in January, 1945. Salary of District Judges is \$5,000 per annum.

| District   | Judge   | Party                           | District Attorney | Party | Address           |
|--|---|---------------------------------|-------------------|-------|-------------------|
| First—Adams, Arapahoe, Clear<br>Creek, Gilpin, Jefferson-----                      | Davies, Harold H.<br>Smith, Osmer E.  | R<br>R                          | Simon, Richard H. | R     | Englewood         |
| Second—Denver -----  | Lindsley, Henry S.<br>Steele, Robert W.<br>Walsh, Joseph J.<br>Black, William A.<br>Luxford, George A.<br>Sackmann, Charles C.<br>Cook, Joseph E. | D<br>D<br>D<br>R<br>R<br>R<br>R | Burke, James T.   | R     | Denver            |
| Third—Baca, Bent, Huerfano,<br>Las Animas, Prowers-----                            | East, John L.<br>Ralston, David M.  | D<br>D                          | Mabry, John N.    | D     | Trinidad          |
| Fourth—Cheyenne, Douglas,<br>Elbert, El Paso, Kit Carson,<br>Lincoln, Teller ----- | Little, John E.<br>Meikle, John M.  | R<br>D                          | Foard, Irl A.     | R     | Colorado Springs  |
| Fifth—Eagle, Lake, Summit--  | Luby, William H.  | R                               | Grant, Harold A.  | R     | Leadville         |
| Sixth—Archuleta, Dolores, La<br>Plata, Montezuma, San Juan                         | O'Rourke, John B.   | D                               | Noland, James M.  | D     | Durango           |
| Seventh—Delta, Gunnison,<br>Hinsdale, Mesa, Montrose,<br>Ouray, San Miguel-----    | Bruce, George W.<br>Logan, Straud M.  | D<br>R                          | Brown, A. Allen   | R     | Delta             |
| Eighth—Boulder, Jackson, Lar-<br>imer, Weld-----                                   | Coffin, Claude C.<br>Bradfield, George H.   | R<br>R                          | Chilson, Hatfield | R     | Loveland          |
| Ninth—Pitkin, Garfield, Rio<br>Blanco -----  | Clark, John R.  | R                               | Fulghum, Carl W.  | R     | Glenwood Springs  |
| Tenth—Crowley, Kiowa, Otero,<br>Pueblo -----                                       | Leddy, Harry<br>Phelps, J. Arthur   | D<br>R                          | Neary, Ralph L.   | R     | Pueblo            |
| Eleventh—Chaffee, Custer, Fre-<br>mont, Park-----                                  | Cooper, James L.  | R                               | Eagleton, E. M.   | R     | Canon City        |
| Twelfth—Alamosa, Conejos,<br>Costilla, Mineral, Rio Grande,<br>Saguache -----      | Thomas, J. H.   | R                               | Haynie, L. M.     | D     | Manassa           |
| Thirteenth—Logan, Morgan,<br>Phillips, Sedgwick, Washing-<br>ton, Yuma -----       | Munson, H. E.<br>Taylor, Arlington  | R<br>R                          | Paynter, Wm. B.   | R     | Brush             |
| Fourteenth—Grand, Moffat,<br>Routt -----   | Herrick, Chas. E.   | D                               | Monson, Ray       | D     | Steamboat Springs |

ELECTED COUNTY OFFICIALS, 1942

(Terms, except County Judges, expire in January, 1945)

| COUNTY      | CLERK                     | TREASURER               | ASSESSOR                 | SHERIFF                 |
|-------------|---------------------------|-------------------------|--------------------------|-------------------------|
| Adams       | Clyde L. Miller (R)       | Herbert L. Prather (D)  | E. G. Maymire (D)        | Herman A. Farney (R)    |
| Alamosa     | C. E. Storms (D)          | E. P. Joyce (D)         | Olof Bergman (D)         | Maurice Smith (D)       |
| Arapahoe    | Earl K. Downing (R)       | Charles B. Sinclair (R) | W. W. Hanson (D)         | Chas. L. Foster (R)     |
| Archuleta   | Frank Conner (R)          | James D. Kenney (D)     | Leonard M. Johnson (R)   | Earl Crouse (R)         |
| Baca        | Walter P. Powell (R)      | Hannah Baker (D)        | Jack L. Patterson (D)    | Joe Dennett (R)         |
| Bent        | Myrtle V. Johnson (D)     | Richard W. Esgar (R)    | C. N. Troup (R)          | L. E. Brookshire (D)    |
| Boulder     | Ed. Adams (D)             | Lynn R. McIntosh (R)    | Aylwin A. Smith (R)      | Arthur T. Everson (R)   |
| Chaffee     | A. W. Samson (R)          | Chas. C. White (D)      | William A. Aby (R)       | H. J. Swain (R)         |
| Cheyenne    | Verne Sallee (D)          | Lee Ross (R)            | Edward J. Hogan (D)      | F. B. Fletcher (R)      |
| Clear Creek | Kenneth E. Moscript (R)   | Robert W. Harvey (R)    | Edmund Rowse (R)         | William J. Harvey (R)   |
| Conejos     | J. A. Rivera (R)          | J. G. Lopez (R)         | Leandro R. Jaramillo (R) | Lafayette Cantu (D)     |
| Costilla    | Abel I. Vigil, Jr. (R)    | Joe M. Espinoza (D)     | Frank Espinoza (D)       | Patricio Sanchez (D)    |
| Crowley     | H. M. Greene (R)          | Philo G. Strever (R)    | E. P. Johnson (R)        | Henry Adam (D)          |
| Custer      | Mrs. Stella Byrne (D)     | Olen A. Kennon (R)      | Mel Kastendieck (R)      | James H. Isabell (R)    |
| Delta       | O. A. Ehr Gott (R)        | Clement A. Bowle (R)    | J. B. Drake (D)          | Ray R. Lockhart (R)     |
| Denver*     | Paul F. Perske (R)        | Frank E. Wilson (R)     | Frank E. Wilson (R)      | August Hanebuth (D)     |
| Dolores     | Kathleene Blackham (R)    | Oscar C. Bell (D)       | E. E. Ballenger (D)      | Fred J. Young (R)       |
| Douglas     | Chas. A. Prescott (D)     | Robert T. Jones (D)     | Ross W. Johnston (R)     | H. Robert Campbell (R)  |
| Eagle       | Mae Cox (R)               | Forrest W. Cave (D)     | H. A. Stein (R)          | W. M. Wilson (R)        |
| Elbert      | Delpha S. Moreland (D)    | C. W. Elsner (R)        | Orley Crouch (R)         | G. R. Brown (R)         |
| El Paso     | Charles Ozias (D)         | Oliver W. Ward (D)      | August W. Sparkman (R)   | Samuel J. Deal (D)      |
| Fremont     | Katherine Komfala (D)     | Leslie O. Bussis (R)    | J. W. Haymaker (R)       | Foster W. Ransom (R)    |
| Garfield    | Walter J. Frost (D)       | C. H. Durant (R)        | Bert Brenton (R)         | Roy Terrell (R)         |
| Gilpin      | Clifford I. Parsons (D)   | Hugh L. Lawry (R)       | William O. Ziege (D)     | Oscar Williams (R)      |
| Grand       | Robt. O. Throckmorton (R) | Charles W. Bloom (D)    | Victor C. Huffaker (D)   | Mark E. Fletcher (D)    |
| Gunnison    | Sam C. Hartman (R)        | M. J. Fisher (D)        | Kenneth G. Mark (R)      | Herb G. Lashburn (R)    |
| Hinsdale    | Mabel B. Rawson (R)       | Pearl McCloughan (R)    | W. E. Vernon (D)         | Hugh Coburn (D)         |
| Huerfano    | Damacio Vigil (D)         | Edward Slates (D)       | J. Frank Cordova (D)     | Claud Swift (D)         |
| Jackson     | Lillian F. Mitchell (D)   | Florence A. Wilkins (D) | Harold E. Hampton (D)    | John D. Bulis (R)       |
| Jefferson   | William T. Olson (R)      | Daniel J. Schneider (R) | Arthur J. Apel (R)       | Howard Vincent (R)      |
| Kiowa       | Art Bradbury (R)          | Donald Durrett (R)      | Edwin Immer (R)          | C. A. Wood (D)          |
| Kit Carson  | Pearl Klockenteger (R)    | L. M. Bushart (R)       | R. L. Wilkinson (R)      | R. W. Plummer (R)       |
| Lake        | John Gregory (D)          | Frank E. Kendrick (D)   | John J. Bohon (D)        | Angelo J. Travison (D)  |
| La Plata    | Edith C. Kiel (R)         | Thomas Mason (R)        | Wm. J. Horther (R)       | R. Bruce Sullivan (R)   |
| Larimer     | A. Walter Lawson (R)      | C. S. Ickes (R)         | W. Ed Wright (R)         | Ray Barger (R)          |
| Las Animas  | John C. Cook (R)          | Homer H. Jones (R)      | Ike Sandoval (D)         | Ray Marty (D)           |
| Lincoln     | James Pepper (D)          | T. G. Watson (D)        | Guy W. Hicks (R)         | Merlin H. Koerner (R)   |
| Logan       | Ruth M. Leh (R)           | W. F. Alexander (D)     | J. H. Berkstresser (R)   | Frank L. Long (D)       |
| Mesa        | C. B. Pond (R)            | Burrell C. Reynolds (D) | R. T. Ellington (D)      | John Q. Adams (R)       |
| Mineral     | E. T. Barnhart (D)        | Wm. T. Jackson (R)      | Jonh J. Weaver (D)       | Emmett J. Dabney (D)    |
| Moffat      | Frank C. Estey (D)        | Russell H. Coles (R)    | William O. Miner (D)     | George Krieger (R)      |
| Montezuma   | Henry Thorpe (D)          | Claude H. Wilson (D)    | J. C. Rumberg (R)        | J. B. Baker (D)         |
| Montrose    | Ira C. Foster (R)         | Frank E. Spencer (R)    | J. L. Hamilton (R)       | Frank L. Hovey (D)      |
| Morgan      | Loyal C. Baker (R)        | Edw. H. Madison (R)     | Lewis E. Wilson (R)      | Howard A. Anderson (R)  |
| Otero       | David K. Driver (R)       | Edward T. Oberling (R)  | Art W. Black (R)         | John H. Armstrong (D)   |
| Ouray       | Eva K. Moule (R)          | Harry E. Stark (D)      | Patricio Stealey (D)     | Jess M. Wood (D)        |
| Park        | Cherie Burgess (R)        | Glen A. Young (D)       | Walter R. Merritt (R)    | S. H. Law (R)           |
| Phillips    | Emma S. Kramer (D)        | Ray E. Crosby (R)       | B. A. Stephenson (R)     | H. M. Clements (R)      |
| Pitkin      | M. M. Neihardt (R)        | Robert S. Killoy (D)    | Chas. D. Hart (R)        | Otto Johnson (D)        |
| Prowers     | J. B. Sweat (R)           | Delmas Martin (D)       | H. C. Nevius (R)         | W. C. McGuin (R)        |
| Pueblo      | A. G. Kochenberger (D)    | J. E. Creel (D)         | Sam McCoun (D)           | Earl Dunlap (R)         |
| Rio Blanco  | (1)                       | Geo. E. Aicher (D)      | Frank W. Hossack (R)     | Chester I. Mead (R)     |
| Rio Grande  | James D. Wilson (D)       | Norma Z. Statton (R)    | E. E. Gooding (D)        | Allan Fennell (R)       |
| Routt       | John D. Crawford (D)      | T. W. Poulson (D)       | Eugene Steele (D)        | Ernest Todd (D)         |
| Saguache    | W. E. Whitten (R)         | W. L. Hammond (D)       | Clifford Burnham (R)     | Ed Paul (R)             |
| San Juan    | Norma A. Crawford (R)     | Ida L. Grimes (R)       | Alice M. Kimball (R)     | Fred Patterson (D)      |
| San Miguel  | Wilma L. Piele (D)        | Donald A. O'Rourke (D)  | Everett Vernon (D)       | Lawrence G. Warrick (R) |
| Sedgwick    | Blanche Buchanan (D)      | Mark Gyger (R)          | L. J. Bennett (R)        | Glenn Goodard (R)       |
| Summit      | Patricia E. Smith (R)     | Frank F. Brown (R)      | E. T. Stuard (D)         | C. P. Eneyart (R)       |
| Teller      | Mamie Wells (D)           | M. W. Kessey (D)        | Tom W. Rolofson (D)      | Cecil A. Markley (D)    |
| Washington  | H. G. Potter (R)          | Delman A. Yackle (R)    | H. H. Holt (R)           | S. B. Lewis (R)         |
| Weld        | Ann Spomer (R)            | Harold H. Seaman (R)    | C. M. Whiteside (R)      | Gus G. Anderson (R)     |
| Yuma        | Charles Gearhart (R)      | W. T. Rosenkrans (R)    | Harve N. Eastin (D)      | Ernest L. Price (D)     |

(D) Democrat. (R) Republican.

\*Denver's officers are municipal, rather than county. The county officers are designated by the city charter. (1) Vacant, elected officer died before taking office.

**ELECTED COUNTY OFFICIALS, 1942—Continued**  
(Terms, except County Judges, expire in January, 1945)

| COUNTY      | COUNTY JUDGE             | CORONER                 | SURVEYOR                 | SUPERINTENDENT OF SCHOOLS |
|-------------|--------------------------|-------------------------|--------------------------|---------------------------|
| Adams       | Homer G. Preston (D)     | A. T. Allen (R)         |                          | Thelma C. Gregory (R)     |
| Alamosa     | D. W. Kirkpatrick (R)    | John Alardice (D)       | Tom Mullings (D)         | Mabel O'Laughlin (D)      |
| Arapahoe    | Henry Bruce Teller (D)   | Ivan Joss (D)           | John W. Black (R)        | Mary H. Peterson (R)      |
| Archuleta   | J. T. Martinez (R)       | J. G. McKinley (R)      | T. B. Nossaman (D)       | Rachel Tishner (R)        |
| Baca        | W. R. Randall (D)        | Dr. G. A. Duffy (R)     |                          | Joe Perkins (D)           |
| Bent        | Herman A. Bailey (D)     | George W. Powell (R)    | John S. Scott (D)        | Hazel L. Martin (R)       |
| Boulder     | William E. Buck (R)      | George W. Howe (R)      | J. E. Byron (R)          | Chas. E. Davis (R)        |
| Chaffee     | W. S. Buchanan (D)       | Joseph E. Stewart (D)   | Joe M. Cuenin (R)        | Bessie M. Shewalter (D)   |
| Cheyenne    | R. A. Martinson (R)      | A. H. Brentlinger (R)   | D. H. Zuck (R)           | Jeanette Baughman (R)     |
| Clear Creek | George D. Criley (D)     | Warren Hawkins (R)      | Chas. L. Harrington (D)  | Vida S. Cannady (R)       |
| Conjoes     | J. Fidel Chavez (D)      | Earl H. Haynie (D)      |                          | Mabel Mickelsen (R)       |
| Costilla    | J. O. Valdez (D)         | Sam Keller (D)          | T. C. McPherson (R)      | Belinda S. Carpenter (R)  |
| Crowley     | E. M. Stroud (D)         | J. E. Jeffery (R)       | J. Logan Tucker (R)      | Marian Barnes (R)         |
| Custer      | August N. Menzel (R)     | Charles A. Menzel (R)   | Frank Wagner (R)         | Georgianna Kettle (R)     |
| Delta       | Arthur A. Clements (R)   | A. R. McCormick (R)     |                          | Martha Savage (D)         |
| Denver*     | C. E. Kettering (D)      | Carl Ph. Schwalb (R)    | A. K. Vickery (R)        | Angela C. Herstrom (R)    |
| Dolores     | George E. Hick (D)       | C. M. Engel (R)         |                          | M. Anna Engel (R)         |
| Douglas     | Gladys C. Triplett (R)   | C. Douglas Andrews (D)  | Henry H. Curtis (R)      | Grace I. Lamb (R)         |
| Eagle       | Mabel A. Ethel (D)       | Paul Andre (R)          | W. H. Lea (R)            | Kathleen O'Rourke (D)     |
| Elbert      | F. D. Hart (R)           | George Silvers (R)      | Forrest L. Head (R)      | Frances Foushee (R)       |
| El Paso     | Irvin E. Jones (D)       | Dr. Edw. J. O'Brien (D) | Robert M. Cannon (R)     | Hubert H. Hadley (D)      |
| Fremont     | J. D. Blunt (R)          | Dr. W. T. Little (R)    | J. Q. McNatt (R)         | J. W. Stoner (R)          |
| Garfield    | William A. Mason (R)     | J. I. Burdge (R)        | George M. Heinsen (D)    | Alma M. Harris (D)        |
| Gilpin      | James M. Seright (D)     | Robert Johnson (D)      | Walter E. Scott, Jr. (R) | Elizabeth Parfet (R)      |
| Grand       | Henry O. Gray (R)        | D. I. Cox (R)           | Frank I. Huntington (R)  | Idelia Baumgarten (R)     |
| Gunnison    | C. C. McWilliams (D)     | Alex Campbell (R)       | F. R. LaPlante (R)       | Emma L. Hards (R)         |
| Hinsdale    | John R. Liske (D)        | A. P. Griffiths (R)     | B. N. Ramsey (D)         | H. G. Heath (D)           |
| Huerfano    | Joseph A. Barron (D)     | Dan Unfug (D)           | A. S. Wellburn (D)       | Frances Nelson (D)        |
| Jackson     | J. A. McNamara (D)       | Dr. C. M. Morgan (R)    | Frank DeLynden (D)       | Hazel Turner (D)          |
| Jefferson   | Christian D. Stoner (R)  | O. A. Saunders (R)      | Harold Doane (R)         | Marguerite R. Juchem (R)  |
| Kiowa       | George B. Black (R)      | John Harmon (R)         | Fred Siefkas (D)         | H. B. Amyx (D)            |
| Kit Carson  | E. M. Short (R)          | W. R. Hendricks (R)     | O. A. Olson (R)          | Virginia E. Felch (R)     |
| Lake        | Charles H. Schlapfer (R) | James J. Corbett (D)    | Fred J. McNair (D)       | Lucy E. Cramer (D)        |
| La Plata    | R. Bruce Sullivan (R)    | R. L. Downing (R)       | A. L. Kroeger (R)        | Korleen Mason (R)         |
| Larimer     | Harry H. Hartman (R)     | Kendall Hammons (R)     |                          | Florence Irwin (R)        |
| Las Animas  | William Eckerdt (D)      | Ed Toupal (D)           | Chris Cumico (D)         | R. D. Murray (D)          |
| Lincoln     | C. M. Somerville (D)     | Velman Seal (R)         | James W. Pershing (R)    | Eddy Webb (R)             |
| Logan       | Joseph A. Davis (R)      | A. D. Jackson (R)       | J. E. Youngquist (R)     | Faith Taylor (R)          |
| Mesa        | Adair J. Hotchkiss (D)   | T. W. Gardner (R)       | Roy L. George (D)        | Sadie E. Hogsett (D)      |
| Mineral     | T. U. Quinlivan (D)      | B. Bryan Beck (D)       | Don C. LaFont (D)        | Marie Birdsey (R)         |
| Moffat      | J. W. Self (R)           | I. J. Brobacker (D)     | Robert R. Fisher (R)     | Viola Rudd (D)            |
| Montezuma   | C. R. Hickman (D)        | J. W. Ertel (R)         | H. L. Owens (R)          | Lotta W. Manauugh (R)     |
| Montrose    | Earl J. Herman (D)       | Isaiah Knott (D)        | J. E. McDaniel (R)       | Helen W. Brown (D)        |
| Morgan      | Alfred W. Dulweber (D)   | E. H. Robinson (R)      |                          | Rose B. Glassey (D)       |
| Otero       | Earl W. Haskins (R)      | Carl M. Ustick (R)      | Harry Barnes (D)         | William H. Hogsett (R)    |
| Ouray       | Ed Jelsma (D)            | Leo Flor (D)            | Franklin Shafer (D)      | Cora A. Orendorf (R)      |
| Park        | Clarence S. Bullock (R)  | Dr. W. O. Whitaker (R)  |                          | Ida M. Spindle (R)        |
| Phillips    | Leon Kepler (R)          | H. B. Radford (D)       | Glenn V. White (D)       | Gladys Hofmeister (R)     |
| Pitkin      | William R. Shaw (R)      | T. J. Sardy (D)         |                          | Lettie Lee Brand (D)      |
| Prowers     | E. R. Jones (R)          | C. T. Knuckey (R)       | Harry Helm (R)           | Nan S. Creaghe (R)        |
| Pueblo      | Hubert Glover (D)        | Dr. C. N. Caldwell (D)  | Hugh C. Wetmore (D)      | Nettie S. Freed (R)       |
| Rio Blanco  | C. C. Aldrich (R)        | Clyde B. Stephenson (R) | Roy C. Graham (R)        | Josephine Holland (D)     |
| Rio Grande  | Manlius T. Hancock (D)   | L. T. Elofson (R)       | Glenn O. Cochran (R)     | Ruth M. Mathias (R)       |
| Routt       | John W. Cole (D)         | A. W. Heyer (D)         | Stanley Dismuke (D)      | Mrs. Tommie Brannick (D)  |
| Saguache    | Birt Clare (D)           |                         |                          | Lulu K. Bell (R)          |
| San Juan    | William Palmquist (D)    | Wm. E. Maguire (D)      | Julian Lee Hayes (R)     | Ruth D. Rathmell (D)      |
| San Miguel  | Herbert E. Dill (D)      | Dr. Jas. J. Parker (D)  | John Foster (D)          | Grace Betts (D)           |
| Sedgwick    | B. D. Parker, Jr. (R)    | Dr. Wm. A. Day (R)      | Wm. J. Jenkins (D)       | Veta Stalcup (R)          |
| Summit      | M. J. Waltz (R)          | Lester C. Owens (D)     | N. Harry Dunn (D)        | Ada Sperry Miller (R)     |
| Teller      | John H. White (R)        | A. C. Denman (D)        | Arthur B. Crosley (R)    | Loretta S. Davis (D)      |
| Washington  | James G. Holsclaw (R)    | F. W. Loftiss (R)       |                          | Rose E. H. Allen (R)      |
| Weld        | Benj. A. Woodcock (D)    | John W. Allnutt (R)     | L. L. Stimson (R)        | William S. Hunt (D)       |
| Yuma        | Buffer Roberts (R)       | Phillip Lockwood (R)    | W. B. Coston (D)         | Dorothy Hayes (R)         |

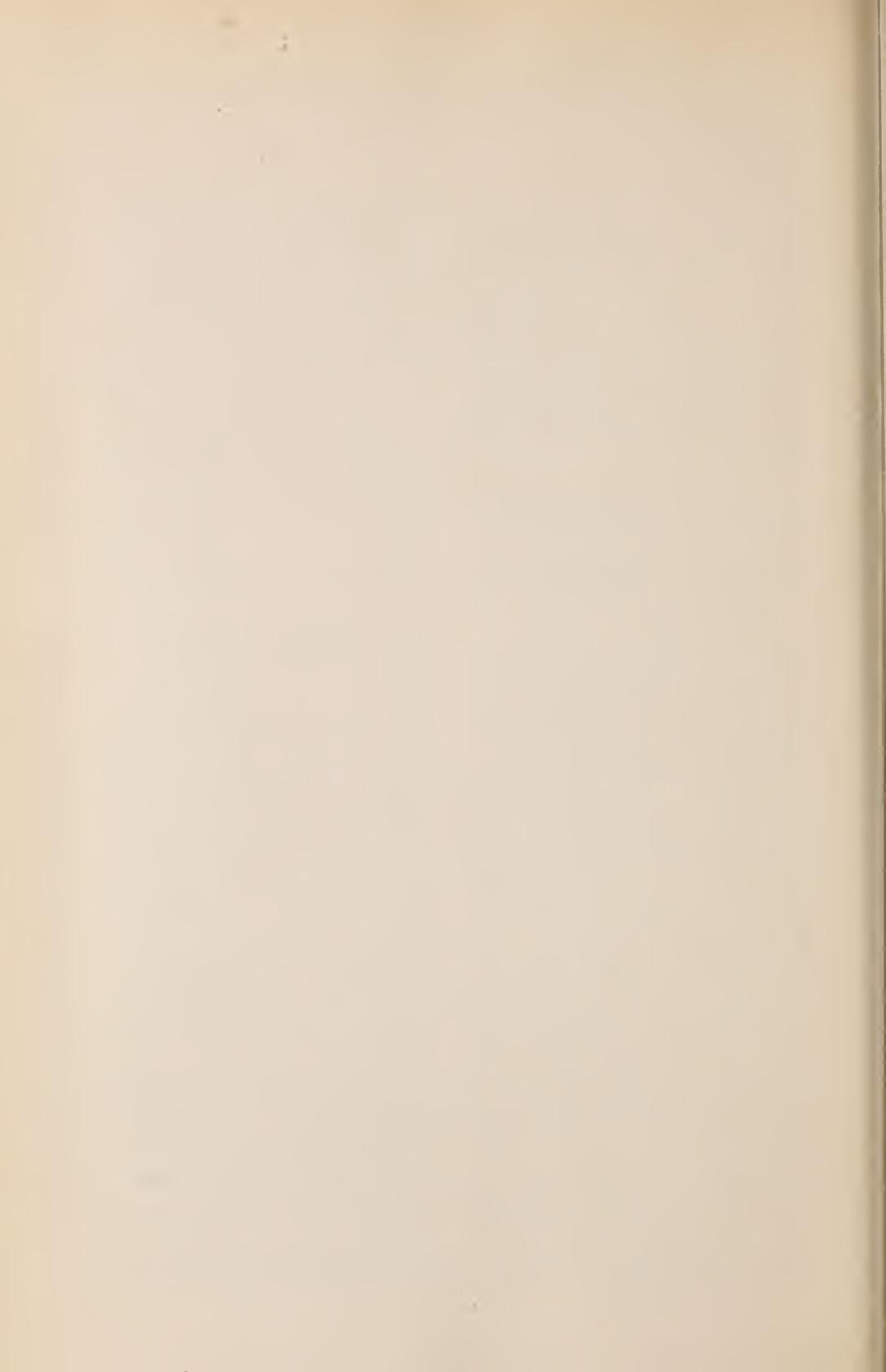
(D) Democrat. (R) Republican.

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COUNTY COMMISSIONERS, 1942

Each county has three county commissioners who are elected for terms of four years each. Their election is staggered so that one or two are hold-overs when the others are chosen. Commissioners are elected at the general biennial elections in November. Their salaries are divided into nine classes ranging from \$400 each per annum for Class 8 up to \$2,400 for Class 1, the amounts being determined by legislative enactment. Class 9 is on a per diem basis of \$5 and includes San Juan, Hinsdale, Dolores and Gilpin counties. Two members constitute a quorum. Vacancies are filled by the Governor until the next regular election.

- Adams—Harry C. Flanders (R), Geo. S. Kemp (R), H. Vance Deakin (R).
- Alamosa—S. B. Collins (D), J. A. Meehan (D), R. C. Mullings (D).
- Arapahoe—W. C. Giggall (R), Hugh Graham (R), C. D. Courtright (D).
- Archuleta—Dailey Hott (D), Harmon Clark (D), John R. Stevens (D).
- Baca—W. A. Hamilton (R), J. C. Lent (R), C. L. Bosley (D).
- Bent—C. E. Everhart (R), Sterling A. Pryor (D), M. L. Earl (R).
- Boulder—A. W. Thurston (R), Joe Carlson (R), Elmer Autrey (R).
- Chaffee—T. R. O'Haver (R), John Mundlein (D), Ben Behrman (D).
- Cheyenne—C. F. Kibbee (R), Elmer Pearson (R), E. M. Crosby (R).
- Clear Creek—George H. Curnow (R), Wm. F. Buckley (D), Anton J. Anderson (D).
- Conejos—Juan I. Medina (R), W. Fred Haynie (D), Severiano Ortiz (R).
- Costilla—Joe E. Aragon (D), Dr. R. C. Diaz (R), Felix Garcia (R).
- Crowley—E. G. Clatworthy (R), B. H. Sweckard (R), B. Q. Norris (R).
- Custer—Walter Schulze (R), Clyde Sheffield (R), Ray Adams (R).
- Delta—W. F. Blaine (R), Harry S. Wood (R), Ed H. Crawford (D).
- Denver—Frank E. Wilson (R), Geo. E. Cranmer (D), Ross Laverty (D).
- Dolores—Edward Baer (D), Roy West (R), Wade Redford (D).
- Douglas—Charles H. Lowell (R), Frank Dakan (R), Herbert H. Bean (R).
- Eagle—Wayne T. Jones (R), H. A. Nottingham (D), Alfred M. Sloss (D).
- Elbert—E. F. Ager (R), R. W. Lambert (R), Dewey Carnahan (D).
- El Paso—James Z. McCullough (D), Charles N. Ellis (R), Arthur W. McBurney (R).
- Fremont—W. R. Griffiths (R), Frank Zavislan (D), Finis Parks (R).
- Garfield—Harry A. Smith (R), William R. Rees (R), William Paterson (D).
- Gilpin—George McLaughlin (D), William Sterling (R), Otto M. Blake (R).
- Grand—James E. Quinn (D), Amos Horn (R), George Dean (R).
- Gunnison—B. H. Jorgensen (D), W. H. Whalen (D), H. L. Corder (D).
- Hinsdale—E. M. Bowers (D), Henry T. Hoffman (R), Purvis C. Vickers (R).
- Huerfano—Sabino Archuleta (D), Ben Pascoe (D), Clyde M. Johnson (D).
- Jackson—William Simpson (R), John A. Peterson (R), M. P. Cloonan (R).
- Jefferson—Geo. S. Green (R), George J. Deviny (R), Jas. G. Biggins, Jr. (R).
- Kiowa—H. H. Hooker (R), E. T. Hawthorne (R), P. L. Reed (R).
- Kit Carson—G. M. Baxter (R), Harley Rhoades (R), Tom Kennedy (R).
- Lake—Cy Pierce (D), Charles W. Sundquest (R), George F. Burke (D).
- La Plata—W. I. Gifford (R), Peter Scott (R), D. W. Sexton (R).
- Larimer—John Nesbit (R), Ernest Fischer (R), R. C. Benson (R).
- Las Animas—Harry E. Pople (R), Arthur Winter (R), Bill Robinson (D).
- Lincoln—O. V. Hillenkamp (D), C. L. Evans (R), P. E. Miller (D).
- Logan—T. E. Breezely (R), T. J. Crichton (R), Tom F. Moore (D).
- Mesa—W. F. Perkins (D), O. C. Mayne (D), H. Grady Puett (D).
- Mineral—Wm. J. Russell (D), B. C. Hossekus (D), W. Wallace Wright (D).
- Moffat—Van A. James (R), C. C. Dolan (D), Claude J. Meyers (R).
- Montezuma—Ira E. Kelly (R), S. G. Walker (D), W. R. McCabe (D).
- Montrose—Fred Sullivan (R), N. W. Jacobsen (R), Clyde Porter (D).
- Morgan—Whitford H. Gill (R), Scott Crook (R), W. J. Murchy (R).
- Otero—Albert D. Miller (R), Frank J. Kaspar (R), E. A. McGlothlin (R).
- Ouray—Wm. McCullough (D), Buel H. Adams (R), Harry McClure (R).
- Park—W. C. Lewis (R), A. L. Archer (R), C. L. Logue (R).
- Phillips—D. F. Sagehorn (R), Arthur Falk (R), John T. Anderson (R).
- Pitkin—George W. Smith (D), Orest A. Gerbaz (D), Clarence O. Quam (D).
- Prowers—W. H. Straney (R), W. N. Wilson (R), W. M. Turpin (R).
- Pueblo—Pete Hughes (D), John E. Hill (D), Herman Klipfel (R).
- Rio Blanco—Hugh L. Caldwell (R), Thomas Franks (R), James Coordes (D).
- Rio Grande—R. S. Loser (D), George F. Millikin (D), Ralph Off (R).
- Routt—Claude A. Luckens (D), J. F. Long (D), H. J. Sumner (D).
- Saguache—George H. Curtis (R), Earl E. Wilson (R), W. E. Gardner (R).
- San Juan—Louis Dalla (R), C. W. Fleming (R), John Glanville (R).
- San Miguel—William M. Finnegan (D), Alva Adams (R), W. I. Wilson (D).
- Sedgwick—Raymond Robinson (R), Martin Sorensen (D), J. F. Lumford (R).
- Summit—D. F. Miner (R), Earl W. Rice (D), N. C. Miller (D).
- Teller—W. B. Moore (D), J. B. Wild (D), Maurice Anthony (R).
- Washington—Brandt Wenig (R), Otto Muchow (R), Oscar E. Higgason (R).
- Weld—Noble S. Sanden (R), Harley F. Warren (R), A. William Hanson (R).
- Yuma—H. D. Witte (R), W. A. Thompson (R), H. W. Jackson (R).



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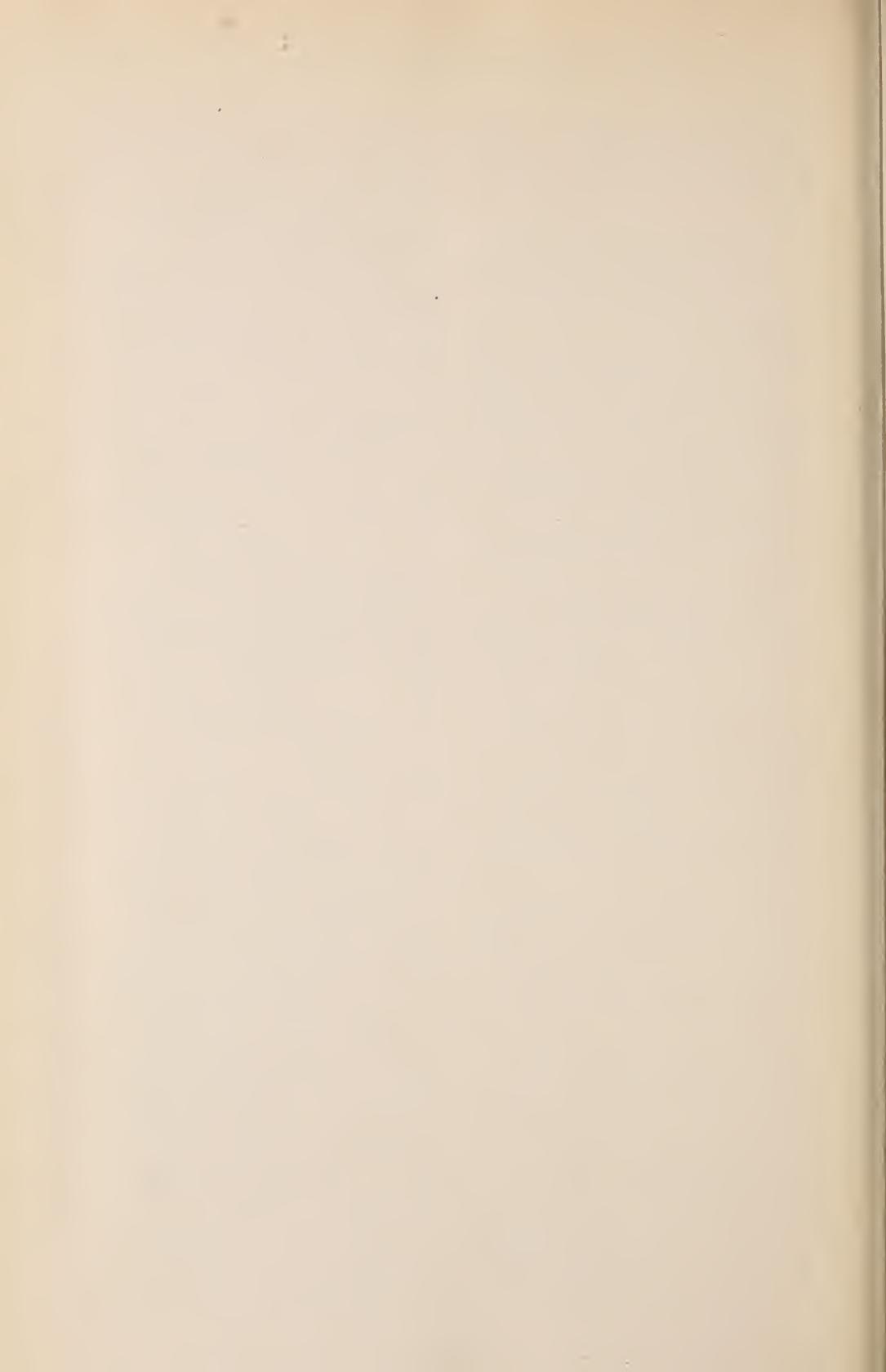
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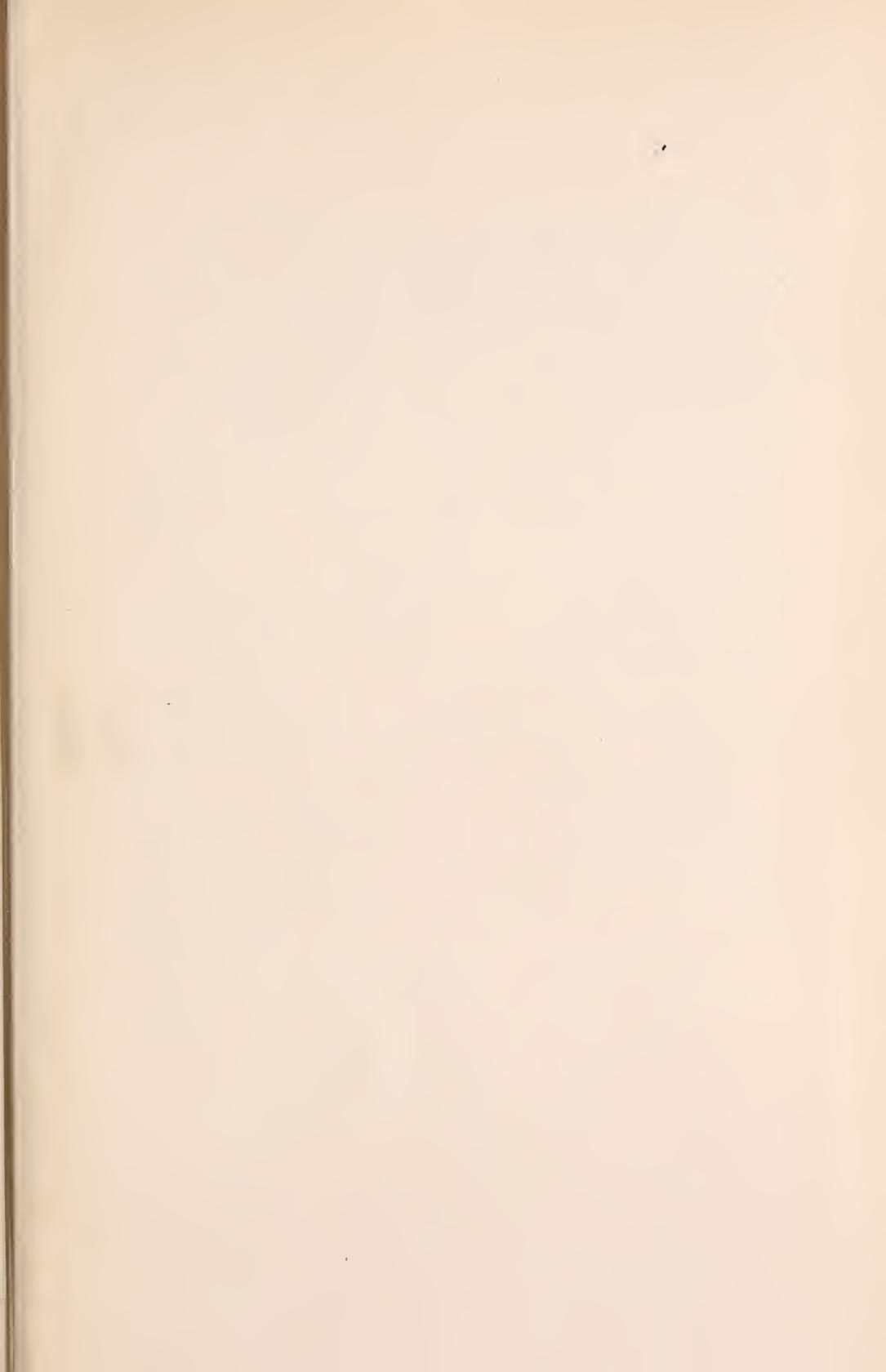
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# GAZETTEER OF CITIES AND TOWNS OF COLORADO, 1942

| City or Town        | County         | Date of Incorporation | Area (Acres) | Population (1940) | Assessed Value (1940) | Municipal Tax Levy (1940) | Revenue (1940) | Average Annual Population | Mayor              | City Clerk         | Total Outstanding Bonds (1940) |                      | Water Works (M or P) | Electricity (M or P) | Sewerage (M or P) | Rank (1940) | Town or City     | No. |
|---------------------|----------------|-----------------------|--------------|-------------------|-----------------------|---------------------------|----------------|---------------------------|--------------------|--------------------|--------------------------------|----------------------|----------------------|----------------------|-------------------|-------------|------------------|-----|
|                     |                |                       |              |                   |                       |                           |                |                           |                    |                    | General Obligation             | Special Improvements |                      |                      |                   |             |                  |     |
| 1 Aguilar           | Las Animas     | 1-10-1894             | 6,200        | 1,392             | 389,147               | 21.00                     | 2,169.00       | 320                       | Bass F. Basso      | John Hughes        | 21,000                         | 2,497                | M                    | P                    | No                | .....       | Aguilar          | 1   |
| 2 Akron             | Washington     | 1-27-1887             | 4,100        | 1,417             | 325,421               | 15.00                     | 1,034.00       | 100                       | Walter M. Johnson  | Howard E. Anderson | 10,000                         | 1,100                | M                    | P                    | No                | .....       | Akron            | 2   |
| 3 Alamosa           | Alamosa        | 1-21-1872             | 10,100       | 469               | 109,420               | 25.00                     | 2,710.00       | 192                       | Glen Gately        | John Gately        | 15,000                         | 1,100                | M                    | P                    | No                | .....       | Alamosa          | 3   |
| 4 Alamosa City      | La Plata       | 1-21-1872             | 1,483        | 1,230             | 118,950               | 21.00                     | 2,410.00       | 940                       | Max Duran          | John Gately        | 2,000                          | 1,100                | M                    | P                    | No                | .....       | Alamosa City     | 4   |
| 5 Anthon            | Lincoln        | 1-29-1874             | 5,219        | 244               | 146,346               | 17.00                     | 1,488.00       | 200                       | Dr. Thos. J. Mills | Mrs. Nabel Ladd    | 15,000                         | 31,200               | M                    | P                    | Yes               | .....       | Anthon           | 5   |
| 6 Arvada            | Jefferson      | 8-25-1901             | 1,450        | 727               | 146,240               | 17.00                     | 1,476.00       | 274                       | M. D. Pullmer      | W. E. Smith        | 1,000                          | 6,81                 | M                    | P                    | No                | .....       | Arvada           | 6   |
| 7 Aspen             | Pitkin         | 4-11-1904             | 6,100        | 3,187             | 138,300               | 20.00                     | 1,800.00       | 100                       | J. K. McWhorter    | S. A. Henderson    | 114,000                        | 161,200              | M                    | P                    | Yes               | .....       | Aspen            | 7   |
| 10 Aurora           | Adams-Arapahoe | 8-3-1903              | 5,600        | 3,187             | 284,379               | 25.00                     | 4,126.54       | 7,024                     | A. J. Carlson      | W. J. Luchinger    | 24,000                         | 137,100              | M                    | P                    | Yes               | .....       | Aurora           | 10  |
| 11 Basalt           | Eagle          | 3-28-1901             | 6,000        | 323               | 124,640               | 24.00                     | 2,311.82       | 70                        | Jay J. Jones       | Winifred Hayden    | 9,000                          | 1,000                | M                    | P                    | No                | .....       | Basalt           | 11  |
| 12 Bayfield         | Bayfield       | 1-21-1880             | 5,185        | 179               | 122,190               | 18.00                     | 1,926.00       | 100                       | Chas. A. Gifford   | Wm. J. Gifford     | 10,000                         | 1,000                | M                    | P                    | No                | .....       | Bayfield         | 12  |
| 13 Belden           | Adams          | 1-22-1900             | 4,000        | 321               | 62,810                | 18.00                     | 6,281.00       | 100                       | Verd C. Galy       | Vera V. Barron     | 16,000                         | 1,000                | M                    | P                    | No                | .....       | Belden           | 13  |
| 14 Berthoud         | Larimer        | 3-18-1884             | 4,000        | 190               | 26,110                | 25.15                     | 707.21         | 100                       | Earl Thompson      | E. E. Casper       | 4,500                          | 1,000                | M                    | P                    | No                | .....       | Berthoud         | 14  |
| 15 Bonanza          | Clear          | 8-12-1887             | 3,000        | 249               | 131,226               | 25.15                     | 1,471.26       | 1,200                     | Geo. Phillips      | Mrs. Max Child     | 1,000                          | 1,000                | M                    | P                    | No                | .....       | Bonanza          | 15  |
| 16 Boulder          | Boulder        | 1-15-1876             | 10,000       | 1,000             | 17,000                | 6.00                      | 3,400          | 200                       | Thos. J. Mills     | J. J. Connelly     | 24,000                         | 137,100              | M                    | P                    | Yes               | .....       | Boulder          | 16  |
| 17 Boulder City     | Boulder        | 11-4-1871             | 6,000        | 250               | 10,100                | 6.00                      | 1,100          | 110                       | W. S. Hancock      | Wm. W. Hancock     | 18,000                         | 22,000               | M                    | P                    | No                | .....       | Boulder City     | 17  |
| 18 Breckenridge     | Clear          | 3-1-1880              | 2,519        | 711               | 113,315               | 20.00                     | 2,320.00       | 276                       | Geo. W. Wells      | Thos. H. McMillan  | 118,000                        | 33,600               | M                    | P                    | Yes               | .....       | Breckenridge     | 18  |
| 19 Brighton         | Adams          | 5-1-1887              | 7,230        | 241               | 1,183,110             | 14.00                     | 2,144.74       | 400                       | Thos. J. Mills     | Chas. A. Gifford   | 70,000                         | 29,500               | M                    | P                    | Yes               | .....       | Brighton         | 19  |
| 20 Brush            | Monte Vista    | 11-8-1876             | 4,000        | 229               | 361,160               | 16.00                     | 1,008.00       | 100                       | Wm. W. Wells       | Wm. W. Wells       | 40,000                         | 1,000                | M                    | P                    | No                | .....       | Brush            | 20  |
| 21 Buena Vista      | Chaffee        | 1-12-1878             | 1,200        | 1,200             | 623,120               | 15.00                     | 1,814.40       | 220                       | J. K. McWhorter    | Geo. L. Harris     | 109,500                        | 66,600               | M                    | P                    | Yes               | .....       | Buena Vista      | 21  |
| 22 Burlington       | Kit Carson     | 6-20-1885             | 2,600        | 525               | 107,100               | 14.00                     | 1,164.00       | 146                       | Hert Shager        | Mrs. Olga Augustus | 18,000                         | 62,600               | M                    | P                    | No                | .....       | Burlington       | 22  |
| 23 Canon City       | El Paso        | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | L. H. Shurt        | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Canon City       | 23  |
| 24 Canon City       | El Paso        | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Canon City       | 24  |
| 25 Casimiro         | Chaffee        | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Casimiro         | 25  |
| 26 Castle Rock      | Douglas        | 1-21-1881             | 1,000        | 500               | 181,200               | 14.00                     | 1,336.00       | 100                       | J. C. Gifford      | E. G. Watson       | 28,000                         | 1,000                | M                    | P                    | No                | .....       | Castle Rock      | 26  |
| 27 Centennial       | Douglas        | 1-21-1881             | 1,000        | 500               | 181,200               | 14.00                     | 1,336.00       | 100                       | J. C. Gifford      | E. G. Watson       | 28,000                         | 1,000                | M                    | P                    | No                | .....       | Centennial       | 27  |
| 28 Central City     | Chaffee        | 1-21-1881             | 1,000        | 500               | 181,200               | 14.00                     | 1,336.00       | 100                       | J. C. Gifford      | E. G. Watson       | 28,000                         | 1,000                | M                    | P                    | No                | .....       | Central City     | 28  |
| 29 Clear Lake       | Clear          | 1-15-1880             | 1,000        | 500               | 181,200               | 14.00                     | 1,336.00       | 100                       | J. C. Gifford      | E. G. Watson       | 28,000                         | 1,000                | M                    | P                    | No                | .....       | Clear Lake       | 29  |
| 30 Colorado Springs | El Paso        | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Colorado Springs | 30  |
| 31 Colorado Springs | El Paso        | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Colorado Springs | 31  |
| 32 Cortez           | Monte Vista    | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Cortez           | 32  |
| 33 Crested Butte    | San Juan       | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Crested Butte    | 33  |
| 34 Crested Butte    | San Juan       | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Crested Butte    | 34  |
| 35 Creighton        | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Creighton        | 35  |
| 36 Cripple Creek    | Chaffee        | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Cripple Creek    | 36  |
| 37 Crowsley         | Crowley        | 10-10-1921            | 4,000        | 296               | 26,750                | 35.00                     | 1,131.15       | 65                        | James Melke, Jr.   | Glenna Arvas       | 9,500                          | 29,000               | M                    | P                    | No                | .....       | Crowsley         | 37  |
| 38 Dacota           | Weld           | 9-23-1904             | 4,000        | 296               | 26,750                | 35.00                     | 1,131.15       | 65                        | James Melke, Jr.   | Glenna Arvas       | 9,500                          | 29,000               | M                    | P                    | No                | .....       | Dacota           | 38  |
| 39 DeWberry         | Arapahoe       | 2-1-1870              | 4,000        | 296               | 26,750                | 35.00                     | 1,131.15       | 65                        | James Melke, Jr.   | Glenna Arvas       | 9,500                          | 29,000               | M                    | P                    | No                | .....       | DeWberry         | 39  |
| 40 Delta            | Delta          | 1-18-1886             | 7,731        | 1,233             | 439,490               | 22.00                     | 9,664.74       | 446                       | John C. Gifford    | Wm. J. Gifford     | 28,000                         | 2,000                | M                    | P                    | Yes               | .....       | Delta            | 40  |
| 41 Denver           | Denver         | 10-24-1882            | 122,420      | 11,420            | 174,800,000           | 11.00                     | 6,720,000.00   | 17,045                    | John C. Gifford    | Wm. J. Gifford     | 1,000,000                      | 2,000,000            | M                    | P                    | Yes               | .....       | Denver           | 41  |
| 42 Dolores          | Monte Vista    | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Dolores          | 42  |
| 43 Dorr             | Monte Vista    | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Dorr             | 43  |
| 44 Durango          | La Plata       | 7-27-1911             | 4,600        | 531               | 1,247,000             | 16.00                     | 74,930.00      | 100                       | John P. Peterson   | J. G. Blair        | 415,000                        | 33,200               | M                    | P                    | Yes               | .....       | Durango          | 44  |
| 45 Eagle            | Clear          | 1-29-1916             | 4,262        | 500               | 149,061               | 15.00                     | 6,375.00       | 302                       | L. P. P. Norton    | Edna Albert        | 2,500                          | 10,000               | M                    | P                    | Yes               | .....       | Eagle            | 45  |
| 46 Eagle            | Clear          | 1-29-1916             | 4,262        | 500               | 149,061               | 15.00                     | 6,375.00       | 302                       | L. P. P. Norton    | Edna Albert        | 2,500                          | 10,000               | M                    | P                    | Yes               | .....       | Eagle            | 46  |
| 47 Eaton            | Weld           | 12-1-1893             | 4,750        | 1,322             | 400,000               | 19.00                     | 12,000.00      | 600                       | H. P. Armstrong    | George H. Brinkley | 15,000                         | 8,000                | M                    | P                    | Yes               | .....       | Eaton            | 47  |
| 48 Eley             | Weld           | 1-10-1910             | 4,000        | 296               | 26,750                | 35.00                     | 1,131.15       | 65                        | James Melke, Jr.   | Glenna Arvas       | 9,500                          | 29,000               | M                    | P                    | No                | .....       | Eley             | 48  |
| 49 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 49  |
| 50 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 50  |
| 51 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 51  |
| 52 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 52  |
| 53 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 53  |
| 54 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 54  |
| 55 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 55  |
| 56 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 56  |
| 57 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 57  |
| 58 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 58  |
| 59 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 59  |
| 60 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 60  |
| 61 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 61  |
| 62 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W. A. Wilson       | Wm. J. Gifford     | 146,000                        | 107,600              | M                    | P                    | Yes               | .....       | Edwards          | 62  |
| 63 Edwards          | Clear          | 1-10-1910             | 5,333        | 630               | 3,090,895             | 15.00                     | 6,024.34       | 1,520                     | W                  |                    |                                |                      |                      |                      |                   |             |                  |     |

