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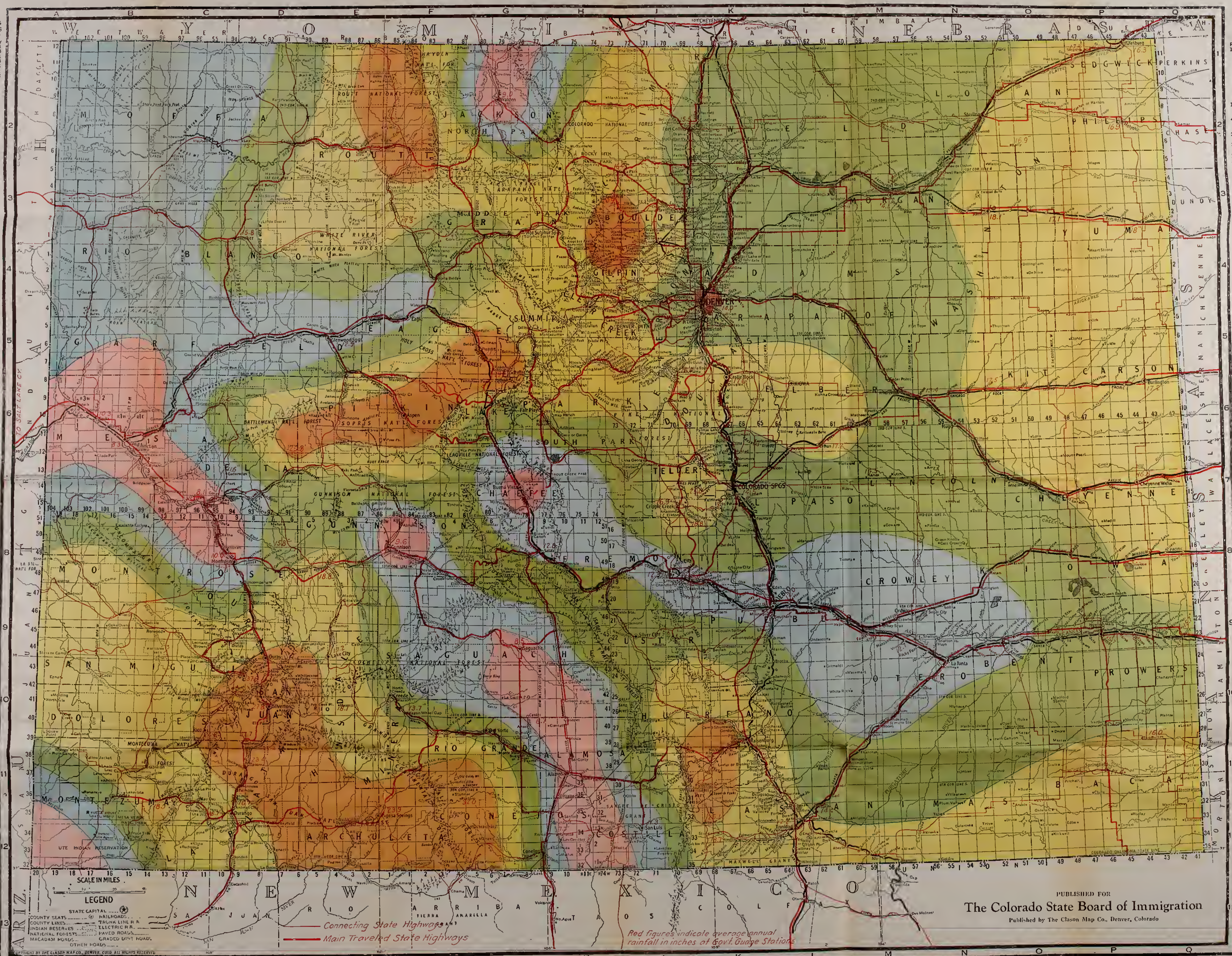
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## MAP SHOWING RAINFALL AREAS OF COLORADO

[illegible]

200 Julesburg ..... K  
164 Kearney ..... L  
120 Keets ..... L  
139 Kersey ..... L  
100 Kern ..... L  
128 Kila ..... L  
125 Kirk ..... L  
100 Kladow ..... L  
300 Kline ..... C-1  
93 Kokomo ..... K  
459 Kramling ..... G  
815 Lafayette ..... J  
964 La Junta ..... N  
100 La Osa ..... B  
50 Lake George ..... J  
2,252 Lamar ..... P  
2,252 Las Animas ..... O  
737 La Veta ..... M  
150 Leavenworth ..... B  
4040 Limen ..... K-1  
5,638 Littleton ..... J  
1,390 Louisville ..... J  
5,065 Loveland ..... L  
200 Mallard ..... H  
906 Manassa ..... K  
1,109 Manitou ..... K  
100 Maricopa ..... L  
200 Marshall ..... J  
100 Mesa ..... C  
145 Mesa ..... K  
6,959 Mesquite ..... G  
263 Merino ..... N  
100 Mesa ..... C  
37 Merino ..... B  
298 Minturn ..... C  
200 Moffat ..... H  
2,484 Monte Vista ..... G  
3,581 Montrose ..... C  
200 Moravia ..... B  
200 Morley ..... L  
150 Morris ..... L  
195 Mt. Morrison ..... S  
219 Nederland ..... L  
267 New Ray ..... R  
200 New River ..... N  
365 Norwood ..... A  
127 Nucla ..... S  
100 Oak Creek ..... J  
581 Oakview ..... J  
254 Olney ..... J  
531 Ordway ..... J  
1,186 Orford ..... F  
1,165 Ouray ..... J  
125 Oval ..... O  
1,032 Pagosa ..... S  
855 Pagosa Springs ..... F  
160 Palmer Lake ..... L  
125 Palmyra ..... W  
100 Paradiso ..... L  
150 Parker ..... K  
397 Parkettes ..... J  
167 Pitkin ..... K  
200 Placerville ..... M  
140 Platt ..... L  
473 Portland ..... L  
40,050 Pueblo ..... S  
150 Ramah ..... H  
400 Rapid City ..... F  
326 Rice ..... C  
400 Ridgway ..... A  
3,746 Rocky Ford ..... C  
1,249 Rockvale ..... C  
100 Rollinsville ..... S  
150 Rome ..... S  
200 Roys ..... R  
400 Ruschke ..... C  
4,689 Salinas ..... S  
256 San Acacio ..... S  
100 San Angelo ..... L  
100 San Luis ..... L  
200 San Pablo ..... L  
200 Sedalia ..... L  
363 Selkirk ..... S  
100 Sevier ..... L  
311 Selbert ..... S  
100 Sheridan ..... L  
165 Silver Cliff ..... L  
214 Silver Lake ..... S  
272 Silver ..... S  
1,150 Silvertown ..... S  
367 Simla ..... L  
200 Singer ..... L  
400 Somerset ..... L  
750 Sopris ..... L  
100 Cotton ..... F  
295 Springfield ..... L  
100 Starville ..... L  
1,240 Steamboat ..... S  
Sofias ..... S  
6,415 Sterling ..... S  
200 Stirling ..... S  
200 Strasburg ..... L  
836 Sugar City ..... S  
200 Tabernash ..... S  
1,618 Telluride ..... L  
100 Tenango ..... L  
100 Tolland ..... L  
10,906 Trinidad ..... L  
75 Twin Lakes ..... L  
1,749 Ute ..... L  
268 Vaux ..... S  
262 Walden ..... S  
3,565 Wasatch ..... L  
100 Waverly ..... L  
100 Wheeler ..... L  
1,000 Wellington ..... L  
338 Westcliffe ..... L  
100 Whitehorn ..... L  
100 Whitewater ..... L  
255 Wiggins ..... L  
1,290 Windsor ..... L  
125 Winfield ..... L  
Park ..... L  
1,538 Wray ..... L  
2,177 Wynne ..... L



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# YEAR BOOK

*of the*

## STATE OF COLORADO

### 1931

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 Board of Immigration.

Compiled and Edited by Tolbert R. Ingram.



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## Foreword

THIS edition marks the thirteenth year in which the State Board of Immigration has published the Colorado Year Book, a work which constitutes the year-to-year record of the development of the state and its varied industries. The first number was published in 1918, and since that time publication has been continued without interruption except that the data for 1928 and 1929 were combined in a single volume because of a lack of finances.

For the convenience of those using the book regularly, the material is arranged as nearly as possible in uniform sequence from year to year, and wherever possible changes of figures in text material are made without altering the text, so that readers accustomed to one year's volume may find comparable data for succeeding years in approximately the same location in subsequent issues.

In most instances the information is obtained from official sources, including county and state officials and bureaus of the federal government. Crop and livestock statistics are based largely upon the reports of the county assessors, for whose consistent and encouraging co-operation the department expresses its appreciation, and most of the other data are gathered from municipal, county, state and federal officials. Where official figures cannot be secured, the best semi-official and private sources are resorted to, the effort always being to adhere to the conservative. In no event are local pride and optimism permitted to color the data concerning a community or an industry.

For those who desire a discussion of the individual counties in text form, the department publishes large editions of district booklets, seven in number, in which counties are grouped with a view to similarity of geography and conditions, and are discussed separately. These booklets may be secured on request. The department also publishes a detailed discussion of the mineral development and possibilities of the state, including both metals and non-metals, and a complete record of oil and gas development.

The Immigration department acknowledges with thanks the continued co-operation of public officials and commercial club executives, whose willingness to aid has made possible the continued improvement of this undertaking.

THE COLORADO STATE BOARD OF IMMIGRATION  
State Office Building, Denver, Colorado



## Colorado—General Description

COLORADO lies almost in the center of that part of the United States west of the Mississippi River basin and in the east-central part of the Rocky Mountain region. 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.

The state contains the most elevated portions of the Rocky mountains in the United States. Both the United States geological survey and the coast and geodetic survey assign to two peaks in Lake county the honor of being the highest points in the state. These are Mount Elbert and Mount Massive, each with an altitude of 14,402 feet. The highest point in the United States is Mount Whitney, California, 14,501 feet. Colorado has the highest mean altitude of any state, only about one-fourth of its area being below 5,000 feet, while approximately two-thirds of it ranges from 6,000 feet to 14,000 feet. The United States geological survey lists 43 peaks that tower more than 14,000 feet above sea level; three that are rated at 14,000 feet, and approximately 1,000 having altitudes of more than 10,000 feet. The eastern two-fifths of the state lies in the Great Plains, and is a level or broken prairie, crossed by the valleys of the Arkansas and South Platte rivers and their numerous tributaries, and rising gradually from the state line westward to the foothills of the Rockies. The main range of the Rocky mountains passes north and south through the central part of the state, with numerous secondary ranges and spurs running in all directions, giving Colorado the greatest extent and widest variety of mountain scenery found in any state. The western part lies in the Pacific watershed and contains the largest streams in the state. Its surface is much more broken than that of the eastern part, embracing numerous high mesas and fertile, narrow agricultural valleys, and rising to the rugged and wonderfully picturesque San Juan mountains

in the southwest. In outline the state is almost a perfect rectangle, having the most regular form of any state in the Union. It ranks seventh in size, with a land area of 66,341,120 acres or 103,658 square miles. Its water area is 290 square miles, making the total area 103,948 square miles. It is more than twelve times as large as the state of 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.

**Natural Divisions**—As a result of its large size and the extreme irregularity of its surface, the state is divided into a number of districts that show considerable variation in topography, soil, climatic conditions, industries and products. The most important of these are the following: The non-irrigated prairie section in the eastern part of the state, popularly referred to as Eastern Colorado; the South Platte valley, in the north and northeast; the Arkansas valley, extending through the southern part of the eastern half of the state; the San Luis valley, a vast basin, the bed of an ancient lake, lying in the south-central part of the state, almost wholly surrounded by mountain ranges; the San Juan basin in the southwest; the valleys of the Colorado river and numerous tributary streams in the central-western part; the rugged plateau districts drained by the White and Yampa (Bear) rivers, in the northwest; the mountainous, mineral-bearing districts, extending in a broad, irregular belt across the central part of the state from the Wyoming to the New Mexico line; and the mountain park districts, chief of which are North park, in Jackson county; Middle park, in Grand county; and South park, in Park county. These last are very similar to the San Luis valley, but all have higher average altitudes and consequently enjoy less intensive agricultural development. In topography and climatic conditions the South Platte and Arkansas valleys are very similar to the non-irrigated sections of eastern Colorado, but by reason of the fact that a large supply of



water is available in these valleys for irrigation, they enjoy the most extensive agricultural development found in the state and produce a wider range and greater yield of crops than the non-irrigated districts. The San Luis valley has very light rainfall, but an abundant water supply for irrigation is derived from the Rio Grande del Norte and its tributaries. The average altitude is more than 7,500 feet, which limits the range of crops grown; but the fertile soil, abundant water supply and good climate make this valley one of the finest general farming and stock-raising districts in the state. The San Juan basin is a region of from moderate to heavy rainfall, having a considerable area of irrigated land in the river valleys and much good non-irrigated agricultural land on the higher mesas. This is also an excellent stock-raising district. The valleys of the Colorado, Gunnison, Uncompahgre and other rivers and smaller streams of the Colorado river basin contain the principal fruit growing areas of the state, as well as a large amount of the fine general agricultural land. The rainfall in this area is generally inadequate for farming without irrigation, but the water supply is adequate for all land that can be irrigated, and recently farming without irrigation has been undertaken successfully on some of the higher mesa lands, where rainfall is somewhat heavier than in the valleys. The northwest part of the state is less developed than any other district, chiefly because of lack of transportation facilities, but it contains some of the best agricultural and grazing land in Colorado. The mineral area is very extensive, but the principal producing areas are somewhat restricted.

**Early History**—That part of Colorado lying east of the Rocky mountains was included in the territory acquired by purchase from France in 1803, usually referred to as the Louisiana Purchase. All the southeastern part of the state, lying south of the Arkansas river, and a narrow strip extending north through the mountain district into Wyoming, was claimed by the state of Texas and became a part of the United States when Texas was annexed in 1845. This included a considerable amount of the territory belonging to the Louisiana Purchase, but the controversy regarding the northern boundary of Texas was settled long before Colorado became a state. The western part of what is now Colorado and an additional strip

lying west and south of the Rio Grande del Norte was ceded to the United States by Mexico in 1848, following the war with Mexico. The actual settlement of Colorado began with the discovery of gold in the summer of 1858, at which time most of the eastern half of the state was included in Kansas territory under the name of Arapahoe county. The boundaries of this county were very imperfectly defined, and the settlers in the new gold camps, moreover, objected to being governed by a set of territorial officials 400 miles away. They appealed to the federal government for the organization of a new state or territorial government, and finally, in February, 1861, the territory of Colorado was organized, about a month after statehood had been conferred upon the territory of Kansas. The boundaries of the territory were substantially the same as are those of the state at present. In 1876 Colorado was admitted to the Union as the thirty-eighth state.

**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 April 1, 1930, at 1,035,791, or more than 30 times greater than it was 70 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                               |

More detailed figures on the population of the state and its subdivisions will be 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. In 1910 the density of population for the state was 7.7 per square mile, as compared with 30.9 for the United States. Denver county ranked first in this respect, with 3,679, and Dolores and Jackson counties were tied for last place, with 0.6. The 1930 census showed the density of population for the state to be 10.0 per square mile. Denver still holds first place in this respect, with 4,963.2, and Hinsdale county ranks last with 0.5.

Of Colorado's total population of 1,035,791 on April 1, 1930, 519,882, including 1,789 persons living on farms within the limits of cities and villages of 2,500 or more, comprised the urban population, or persons residing in the cities and towns. The rural population amounted to 515,909, comprising 281,038 persons living on farms in rural territory and 234,871 persons not living on farms. The urban population formed 50.2 per cent of the total, as compared with 48.2 per cent in 1920 and 50.7 per cent in 1910. The census shows that there are but three cities of more than 25,000 population in the state, five with population of from 10,000 to 25,000, 10 from 5,000 to 10,000, nine from 2,500 to 5,000, 42 from 1,000 to 2,500, 47 from 500 to 1,000 and 124 towns of less than 500 population. In the last classification are 22 towns of less than 100 population each.

The foreign-born population of Colorado in 1930 amounted to 8.2 per cent of the total, compared with 12.4 per cent in 1920 and 15.9 per cent in 1910.

**Land Classification**—A table published elsewhere in this volume gives a classification of the 66,341,120 acres of land in the state as far as is practicable from available records. It is divided into 63 counties, of which Denver county is the smallest, with an area of 37,120 acres, and Las Animas county is the largest, with 3,077,760 acres.

In the land classification table published elsewhere in this volume, five counties—Conejos, Gilpin, Hinsdale, Lake and Mineral—show areas in the various classifications larger than the total areas of the respective counties.

The discrepancy probably is due to inaccuracies in government surveys and to the large areas of land which have never been surveyed.

The area of patented land in the state has been increasing steadily, due to the proving up of entries on government land and the issuance of patents on state land sold. The area of patented land returned for assessment in recent years was as follows:

| Year       | Acres      |
|------------|------------|
| 1920 ..... | 29,462,459 |
| 1921 ..... | 30,867,235 |
| 1922 ..... | 32,105,994 |
| 1923 ..... | 33,347,491 |
| 1924 ..... | 34,122,665 |
| 1925 ..... | 35,195,619 |
| 1926 ..... | 35,807,193 |
| 1927 ..... | 36,323,737 |
| 1928 ..... | 36,583,930 |
| 1929 ..... | 36,974,946 |
| 1930 ..... | 37,163,043 |

Of the area in private ownership in 1930, the tax commission classifies 34,892,281 acres as agricultural land. This is equal to 52.6 per cent of the entire land area of the state. The area classified as agricultural land is divided as follows:

|                       | Acres      |
|-----------------------|------------|
| Fruit land.....       | 20,214     |
| Irrigated land.....   | 2,163,794  |
| Natural hay land..... | 355,192    |
| Dry farming land..... | 11,516,523 |
| Grazing land.....     | 20,836,558 |
| Total .....           | 34,892,281 |

These classifications contain some waste and desert areas of no real value for agricultural purposes. The term "dry farming" applies to tillable land that is non-irrigated. Some of the grazing land eventually will be placed under cultivation. The remaining privately owned area consists mostly of patented mineral land, railroad rights of way and town and city lots.

**Drainage and Water Supply**—Containing, as it does, the most elevated portions of the Rocky mountains, Colorado is quite naturally the source of many of the important streams in the West. The Continental Divide crosses the west-central part of the state, and the streams in the western part flow to the Pacific, while those in the east find their way to the Gulf of Mexico. The streams of the western slope are all tributaries of the Colorado river, from which this state derives its name. The Colorado (Grand) river, the largest stream in the state, has its source in Grand county. The Green river, which was regarded as one of the two streams forming the Colorado when the upper course of the Colorado was called the Grand river, flows through the north-



western corner of Moffat county. The northwestern corner of the state is drained by tributaries of the Green river, chief of which are the Yampa (Bear) and White rivers. The principal tributary of the Colorado river is the Gunnison, which has its source in Gunnison county and enters the Colorado at the city of Grand Junction. The southwestern corner of the state is drained by the San Juan and Dolores rivers, both tributaries of the Colorado. The south-central part of the state, including the San Luis valley, is drained by the Rio Grande del Norte. The southeastern part is drained by the Arkansas river and its tributaries, and the northeastern part by the South Platte river. The North Platte river has its headwaters in Jackson county and unites with the South Platte in Nebraska to form the Platte river. The Republican river, a tributary of the Kansas, drains a considerable area in the eastern part of the state. These streams have hundreds of small tributaries, most of which have their sources in the mountains where the snowfall is heavy. They furnish the principal water supply for irrigation and for the development of hydro-electric power. Water for domestic purposes is obtained principally from these streams, but in most agricultural sections wells are utilized as a secondary source of domestic water supply. Most of these wells are pumped, but there is a well defined artesian belt in the San Luis valley, and artesian water is found in numerous other places. There are more than 5,000 artesian wells in the state, fully two-thirds of which are in the San Luis valley.

**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 13,330,832 acres, mostly in Colorado, and are administered by the department of agriculture of the federal government. A detailed description of these forests and their operations is given elsewhere in this volume.

**National Parks and Monuments**—Two national parks and four national monuments are located within the boundaries of Colorado and one national monument on the boundary between Colorado and Utah. All of these parks and monuments are administered by the national park service of the department of the interior, with the exception of the Holy Cross and Wheeler national monuments, which

are under the jurisdiction of the department of agriculture. Their names, locations and areas are as follows:

Rocky Mountain national park, located in the north middle part of the state, in Larimer, Boulder and Grand counties, and embracing an area of 400.52 square miles, or 256,336 acres. Of the total, 8,000.87 acres is private or state-owned land.

Mesa Verde national park, located in southwestern Colorado in Montezuma county, and embracing about 80 square miles, or 51,273 acres.

Holy Cross national monument, located in Eagle county, and embracing 1,392 acres.

Colorado national monument, located in Mesa county near Grand Junction and embracing 13,749 acres.

Yucca House national monument, located in the southwestern part of the state in Montezuma county, and embracing 9.6 acres.

Wheeler national monument, located in Mineral county, and embracing 300 acres.

Hovenweep national monument, located on the Colorado-Utah boundary in Montezuma county, and embracing 285.8 acres.

Rocky Mountain national park was created by an act of congress approved January 26, 1915. It lies in the heart of the Rockies and includes some of the most picturesque portions of the range. Its highest point is Longs peak, rising 14,255 feet above sea level. There are within its boundaries 13 other peaks with an altitude of more than 13,000 feet. It is one of the most accessible of the national parks and one of the most popular. It contains remarkable records of the glacial period. On July 17, 1930, President Hoover, by proclamation, added 22.1 square miles to the area of the park, the Never Summer range district on the west side. Annual winter outings in the park are regular features, these usually taking place in February under the auspices of the Colorado Mountain club. Skijoring parties are features of these outings.

Total government appropriations made for the Rocky Mountain national park from 1917 to 1931 inclusive, aggregated \$985,911, of which \$868,789 had been expended up to June 30, 1930. In addition, small revenues are received by the service from various operations. The appropriations and expenditures by years are as follows:



|      | Appropriated | Expended    |
|------|--------------|-------------|
| 1917 | \$10,000     | \$ 9,964.24 |
| 1918 | 10,000       | 9,922.10    |
| 1919 | 10,000       | 9,993.94    |
| 1920 | 10,000       | 9,924.85    |
| 1921 | 40,000       | 39,945.40   |
| 1922 | 65,000       | 64,923.10   |
| 1923 | 73,900       | 73,153.99   |
| 1924 | 74,280       | 74,000.03   |
| 1924 | *26,171      | .....       |
| 1925 | 93,000       | 122,888.53  |
| 1925 | *4,450       | .....       |
| 1926 | 84,660       | 82,259.56   |
| 1927 | 87,000       | 86,100.00   |
| 1928 | 97,620       | 95,612.07   |
| 1929 | 97,880       | 95,230.00   |
| 1930 | 96,000       | 94,871.34   |
| 1931 | 105,950      | .....       |

\*Deficiency appropriation.

Visitors and automobiles entering Rocky Mountain national park during the travel season for the years named, as estimated by the park service, were as follows:

| Year | Visitors | Autos  |
|------|----------|--------|
| 1915 | 31,000   | (a)    |
| 1916 | 51,000   | (a)    |
| 1917 | 117,186  | (a)    |
| 1918 | 101,497  | (a)    |
| 1919 | 169,942  | (a)    |
| 1920 | 240,966  | (a)    |
| 1921 | 273,737  | 57,438 |
| 1922 | 219,164  | 52,112 |
| 1923 | 218,000  | 51,800 |
| 1924 | 224,211  | 53,696 |
| 1925 | 233,912  | 58,057 |
| 1926 | 225,027  | 50,407 |
| 1927 | 229,862  | 54,109 |
| 1928 | 235,057  | 57,381 |
| 1929 | 274,408  | 67,682 |
| 1930 | 255,874  | 75,101 |

(a) No record.

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. It was established by an act of congress approved June 29, 1906. The ruins are found in canons 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. 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.

Governmental appropriations for the maintenance and improvement of the park and for archaeological work aggregated \$608,595, of which \$494,421.06 had been expended up to June 30, 1930. Appropriations and expenditures by years are as follows:

|      | Appropriated | Expended    |
|------|--------------|-------------|
| 1917 | \$10,000     | \$ 9,999.00 |
| 1918 | 10,000       | 9,913.05    |
| 1919 | 18,000       | 17,022.44   |
| 1920 | 11,000       | 10,959.69   |
| 1921 | 14,000       | 13,929.71   |
| 1922 | 16,400       | 16,339.30   |
| 1923 | 43,000       | 42,812.62   |
| 1924 | 35,000       | 36,685.21   |
| 1924 | *3,000       | .....       |
| 1925 | 42,500       | 43,183.46   |
| 1925 | *1,895       | .....       |
| 1926 | 42,835       | 42,596.97   |
| 1927 | 72,300       | 70,591.36   |
| 1928 | 50,750       | 48,343.59   |
| 1929 | 83,000       | 78,134.00   |
| 1929 | *1,115       | .....       |
| 1930 | 57,000       | 53,910.66   |
| 1931 | 96,800       | .....       |

\*Deficiency appropriation.

Visitors and private automobiles entering the park during the travel season for the years named were as follows:

| Year | Visitors | Autos |
|------|----------|-------|
| 1921 | 3,003    | 651   |
| 1922 | 4,251    | 969   |
| 1923 | 5,236    | 1,255 |
| 1924 | 7,109    | 1,803 |
| 1925 | 9,043    | 2,197 |
| 1926 | 11,356   | 3,054 |
| 1927 | 11,915   | 3,315 |
| 1928 | 16,760   | 4,803 |
| 1929 | *14,517  | 4,224 |
| 1930 | 16,656   | 5,023 |

\*Decrease due to disastrous storms and washouts during July and August.

Holy Cross national monument was created by a proclamation issued by President Hoover on May 20, 1929. The 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.

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.

Estimated number of visitors to the Colorado monument, by years, is as follows:

| Year | Visitors |
|------|----------|
| 1925 | 9,000    |
| 1926 | 9,000    |
| 1927 | 9,500    |
| 1928 | 10,000   |
| 1929 | 12,000   |
| 1930 | 13,000   |



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 monument is located on the eastern slope of Sleeping Ute mountain and contains ruins of great archaeological value and relics of prehistoric inhabitants.

The estimated number of visitors to Yucca House, by years, is as follows:

| Year       | Visitors |
|------------|----------|
| 1925 ..... | 100      |
| 1926 ..... | 150      |
| 1927 ..... | 196      |
| 1928 ..... | 174      |
| 1929 ..... | 250      |
| 1930 ..... | 240      |

Hovenweep national monument contains four groups of prehistoric towers, pueblos and cliff dwellings.

The estimated number of visitors to the Hovenweep monument, by years, is as follows:

| Year       | Visitors |
|------------|----------|
| 1925 ..... | 250      |
| 1926 ..... | 250      |
| 1927 ..... | 263      |
| 1928 ..... | 240      |
| 1929 ..... | 450      |
| 1930 ..... | 400      |

**Industries**—The principal industries of the state are agriculture, stock-raising in its various branches, dairying, bee-keeping, manufacturing, mining, quarrying, lumbering, oil and gas production and commerce. These are treated in detail elsewhere.

**Climatological Data**—As a result of its great size and the extreme irregularity of its surface, the climate of Colorado is wonderfully varied and cannot be described in detail here. Various tables contained in this publication show the most important climatic data for different sections of the state. The mean annual temperature for the entire state is 44.3 degrees, but it varies from about 31 degrees in some of the higher mountain districts to 54 degrees in parts of the Arkansas valley. The average annual precipitation for the state is 17.54 inches, but there is also a very wide range here in the different sections of the state. The lowest average precipitation is about 6.5 inches, in the San Luis valley, and the highest above 40 inches, in the San Juan mountains and a few other mountain districts of restricted areas. The delightful and wonderfully healthful qualities of Colorado's climate are well known throughout the country. More detailed data on this subject are

contained in the chapter on Climatological Data on page 50.

**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 and Mount Massive, altitude 14,402 feet, or 2.72 miles above sea level, are the highest points in the state. The lowest point is the bed of the Arkansas river near the town of Holly, about three miles west of the Kansas line, 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.

The highest incorporated town is Kokomo, in Summit county, which has an altitude of 10,618 feet. The lowest incorporated town is Holly, in Prowers county, 3,387 feet above sea level.

Hazel lake, in La Plata county, in southwestern Colorado, has the highest elevation of the numerous lakes of the state, being 12,420 feet or almost 2½ miles above the level of the sea.

The deepest hole ever bored into the earth in Colorado, as far as records disclose, is a test well drilled for oil near Longmont, Boulder county, by the A. A. Rolleston company, which reached a depth of 7,300 feet before it was finally abandoned. The bottom of this hole is about one-third of a mile below the level of the sea.

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

The approximate mean altitude of Colorado is 6,800 feet, or 700 feet higher than Utah and 100 feet higher than Wyoming.

**Railroads, Telegraph and Telephone Facilities**—There are 29 railroad companies represented in Colorado, operating an aggregate of 4,928 miles of main line track. Every county in the state has some railroad mileage, though the railroad facilities of some of the counties, particularly in the northwestern and southwestern parts of the state, are inadequate. The total value of railroad property in the state, as returned by the state tax commission for the year 1930, was \$173,658,060.



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

| Road   | Mileage  |
|--|----------|
| Atchison, Topeka & Santa Fe Railway Company.....     | 528.88   |
| Chicago, Burlington & Quincy Railroad Company.....   | 395.37   |
| Chicago, Rock Island & Pacific Railroad Company..... | 165.85   |
| Colorado Railway Company.....                        | 107.14   |
| Colorado-Kansas Railroad Co.....                     | 22.20    |
| Colorado & Southern Railroad Co.                     | 655.78   |
| Colorado & Southeastern Railroad Company .....       | 6.27     |
| Colorado & Wyoming Railroad Company .....            | 40.96    |
| Crystal River Railroad Company.                      | 20.66    |
| Crystal River & San Juan Co.....                     | 7.32     |
| Denver & Inter-Mountain Railroad Company .....       | 11.61    |
| Denver & Rio Grande Western Railroad Company.....    | 1,444.53 |
| Denver & Salt Lake Railroad Co...                    | 220.17   |
| Great Western Railway Company.                       | 86.74    |
| Greeley Terminal Railway Co.....                     | 1.60     |
| Laramie, North Park & Western Railroad Company.....  | 43.88    |
| Manitou & Pikes Peak Railway Company .....           | 8.70     |
| Midland Terminal Railroad Co....                     | 56.15    |
| 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....                       | 31.53  |
| Silverton, Gladstone & Northerly Railroad Company..... | 7.17   |
| Silverton Northern Railroad Co....                     | 8.45   |
| Treasury Mountain Railroad Co...                       | 4.00   |
| Utah Railway Company.....                              | 50.80  |
| Union Pacific Railroad Company.                        | 602.02 |

Ninety-eight telephone companies operate in the state, owning an aggregate of 478,850 miles of wire in 1930. The valuation of all telephone property owned by these companies as determined by the state tax commission for taxation purposes was \$16,686,810 in 1930. Most of these companies are small and operate in one or two counties only. One company owns and operates more than 97 per cent of the total mileage. All counties in the state have telephone service. Four telegraph companies operate 27,394 miles of wire. Tables published elsewhere in this volume give valuations, mileage, etc., of all companies by counties.

## Colorado—Brief Land History

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 pres-



ent 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.

The organization of Colorado territory did not settle the numerous controversies regarding land titles that existed when the territory was organized. Within the 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 had long claimed this territory as their own. Those who are familiar with the early history of the state will know that the controversies with these Indians were not settled without many bloody battles, which resulted in heavy loss of life among both the Indians and the pioneer settlers. 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 metal 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 following table shows the dates of organization of the 63 counties now existing in Colorado. The 17 counties in existence under territorial law and recognized when statehood was achieved are indicated by a star (\*).

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.

The names of the present counties and the dates of organization follow:

|                    |      |                  |      |                  |      |
|--------------------|------|------------------|------|------------------|------|
| Adams .....        | 1901 | Garfield .....   | 1883 | Otero .....      | 1889 |
| Alamosa .....      | 1913 | Gilpin* .....    | 1861 | Ouray .....      | 1877 |
| Arapahoe* .....    | 1861 | Grand .....      | 1874 | Park* .....      | 1861 |
| Archuleta .....    | 1885 | Gunnison .....   | 1877 | Phillips .....   | 1889 |
| Baca .....         | 1889 | Hinsdale .....   | 1874 | Pitkin .....     | 1881 |
| Bent .....         | 1870 | Huerfano* .....  | 1861 | Prowers .....    | 1889 |
| Boulder* .....     | 1861 | Jackson .....    | 1909 | Pueblo* .....    | 1861 |
| Chaffee .....      | 1879 | Jefferson* ..... | 1861 | Rio Blanco ..... | 1889 |
| Cheyenne .....     | 1889 | Kiowa .....      | 1889 | Rio Grande ..... | 1874 |
| Clear Creek* ..... | 1861 | Kit Carson ..... | 1889 | Routt .....      | 1877 |
| Conejos* .....     | 1861 | Lake* .....      | 1861 | Saguache .....   | 1867 |
| Costilla* .....    | 1861 | La Plata .....   | 1874 | San Juan .....   | 1876 |
| Crowley .....      | 1911 | Larimer* .....   | 1861 | San Miguel ..... | 1883 |
| Custer .....       | 1877 | Las Animas ..... | 1866 | Sedgwick .....   | 1889 |
| Delta .....        | 1883 | Lincoln .....    | 1889 | Summit* .....    | 1861 |
| Denver .....       | 1901 | Logan .....      | 1887 | Teller .....     | 1899 |
| Dolores .....      | 1881 | Mesa .....       | 1883 | Washington ..... | 1887 |
| Douglas* .....     | 1861 | Mineral .....    | 1893 | Weld* .....      | 1861 |
| Eagle .....        | 1883 | Moffat .....     | 1911 | Yuma .....       | 1889 |
| Elbert .....       | 1874 | Montezuma .....  | 1889 |                  |      |
| El Paso* .....     | 1861 | Montrose .....   | 1883 |                  |      |
| Fremont* .....     | 1861 | Morgan .....     | 1889 |                  |      |



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 |
|--|-----------------|-------------------|-----------------------|-------------------------|
| Land area (square miles)-----  | 103,658         | -2,973,776        | 3.49                  | 7                       |
| Water surface (acres)-----   | 185,609         | 33,854,080        | 0.55                  | 42                      |
| Population (1930)-----   | 1,035,791       | 122,775,046       | 0.84                  | 33                      |
| Population per square mile (1930)-----   | 10.0            | 41.3              | ---                   | 39                      |
| Population (1920)-----   | 939,629         | 105,710,620       | 0.89                  | 33                      |
| Population per square mile (1920)-----   | 9.1             | 35.5              | ---                   | 42                      |
| Population increase 1920-1930 (%)-----   | 10.2            | 16.1              | ---                   | ---                     |
| Vacant public land July 1, 1930 (acres)---   | 8,027,468       | 178,979,446       | 4.49                  | 9                       |
| Area in national forests 1929 (acres)---   | 13,278,233      | 138,121,316       | 9.61                  | 4                       |
| Area in national parks and monuments<br>1929 (acres)-----  | 156,600         | 4,341,220         | 3.61                  | 5                       |
| Visitors to national parks (1930)-----   | 272,530         | 4,044,502         | 26.09                 | ---                     |
| Value all property (1922)-----   | \$3,229,412,000 | \$320,803,862,000 | 1.01                  | 29                      |
| Value manufactured products (1927)-----  | \$278,821,431   | \$62,718,347,289  | 0.43                  | 34                      |
| Value all farm property (1925)-----  | \$712,285,000   | \$57,017,740,000  | 1.25                  | 24                      |
| Gasoline taxes (1929)-----   | \$5,218,000     | \$431,636,000     | 1.21                  | 31                      |
| Developed water power Jan. 1, 1929,<br>(horsepower)-----   | 98,000          | 13,808,000        | 0.71                  | 27                      |
| Water power, potential h. p. available<br>50% of the time (Jan. 1, 1928)-----                          | 1,609,000       | 59,166,000        | 2.72                  | 8                       |
| Church membership (1926)-----  | 352,863         | 54,576,346        | 0.65                  | 35                      |
| Beets produced for sugar, farm value<br>1921-1929-----   | \$150,966,000   | \$476,675,000     | 31.67                 | 1                       |
| Tons of beet sugar manufactured (1921-<br>1929)-----   | 2,885,000       | 8,659,000         | 33.32                 | 1                       |
| Livestock on farms, value (1930)-----  | \$116,920,000   | \$5,564,969,000   | 1.99                  | 18                      |
| Farm value 75 crops (1930)-----  | \$121,430,000   | \$6,274,427,000   | 1.94                  | 22                      |
| Gold produced, value (1928)-----   | \$5,345,000     | \$46,165,400      | 11.58                 | 4                       |
| Silver produced, value (1928)-----   | \$2,564,682     | \$34,200,567      | 7.50                  | 6                       |
| Lead, mine production in short tons<br>(1928)-----   | 26,751          | 627,153           | 4.27                  | 5*                      |
| Zinc, mine production, short tons (1927)---  | 35,865          | 718,541           | 4.99                  | 6*                      |
| Copper produced, pounds (1928)-----  | 10,262,033      | 1,825,900,393     | 0.56                  | 10*                     |
| Volume wholesale business in 1929 (1930<br>census)-----  | \$540,398,295   | \$69,628,448,061  | .78                   | 26                      |
| Railroads and equipment, value of (1922)---  | \$364,963,000   | \$19,950,800,000  | 1.83                  | 20                      |
| Railway mileage, Dec. 31, 1928-----  | 4,983           | 249,309           | 2.00                  | 23                      |
| Motor vehicles registered (1929)-----  | 303,489         | 26,501,443        | 1.15                  | 27                      |
| State net governmental costs (1928)-----   | \$17,412,123    | \$1,877,184,189   | 0.93                  | 36                      |
| Highway mileage, all types (1928)-----   | 68,305          | 3,016,281         | 2.26                  | 21                      |
| Prohibition convictions in federal courts<br>(1929)-----   | 131             | 47,100            | 0.28                  | 44                      |
| U. S. Internal revenue receipts (1930)---  | \$12,468,450    | \$3,040,145,733   | 0.41                  | 29                      |
| Individual income taxes (1930)-----  | \$4,212,449     | \$1,146,844,763   | 0.37                  | 26                      |
| Corporation income taxes (1930)-----   | \$7,835,965     | \$1,263,411,466   | 0.62                  | 24                      |
| Troops in world war-----   | 42,898          | 4,727,988         | 0.93                  | 33                      |
| Telephones, number (1927)-----   | 183,250         | 18,522,767        | 0.99                  | 25                      |
| National guard strength (June 30, 1929)---   | 1,725           | 176,988           | 0.97                  | 33                      |
| Bread and other bakery products, value<br>of products (1927)-----                                      | \$12,994,347    | \$1,394,700,224   | 0.93                  | 19                      |
| Putter, value manufactured products<br>(1927)-----   | \$10,942,919    | \$1,057,544,724   | 1.03                  | 18                      |
| Cheese, value (1927)-----  | \$553,105       | \$118,447,757     | 0.47                  | 12                      |
| Condensed and evaporated milk, value of<br>output (1927)-----  | \$2,499,374     | \$200,086,091     | 1.25                  | 14                      |
| Canning and preserving, fruits, vege-<br>tables, etc., value (1927)-----                               | \$3,487,252     | \$572,428,049     | 0.61                  | 22                      |
| Slaughtering and packing, value of pro-<br>ducts (1927)-----   | \$30,538,016    | \$3,057,215,718   | 1.00                  | 20                      |
| Mining machinery, value of manufactures<br>(1927)-----   | \$3,329,797     | \$35,259,263      | 9.44                  | 3                       |
| Flour and other grain mill products, value<br>(1927)-----  | \$13,267,581    | \$1,148,760,360   | 1.15                  | 23                      |
| Est. barrels of oil recoverable from Ter-<br>tiary shale-----  | 47,625,598,000  | 75,335,721,000    | 63.22                 | 1                       |
| Coal produced, tons, (1927)-----   | 9,724,075       | 517,763,352       | 1.88                  | 9                       |
| Petroleum output, barrels, bureau of<br>mines figures (1929)-----                                      | 2,358,000       | 1,007,323,000     | 0.23                  | 16                      |
| Coke produced, tons (1929)-----  | 570,000         | 53,476,000        | 1.07                  | 14                      |
| Clay products, value (1925)-----   | \$4,351,749     | \$333,730,417     | 1.30                  | 18                      |
| Fluorspar produced, value (1925)-----  | \$153,707       | \$2,052,342       | 7.49                  | 3                       |
| Public school property, value (1925-26)---   | \$54,643,686    | \$4,676,603,539   | 1.13                  | 24                      |
| Probable number millionaires (1923)---   | 44              | 8,600             | 0.51                  | 21                      |
| Coal, reserve tonnage bituminous, geolog-<br>ical survey estimate, figures in millions<br>of tons----- | 213,071         | 1,441,395         | 14.78                 | 1                       |
| Lodgepole pine cut, in board feet (1927)---  | 5,994,000       | 13,255,000        | 45.22                 | 1                       |

\*Includes Alaska.

†Includes Alaska and possessions.



## LAND CLASSIFICATION BY PERCENTAGES

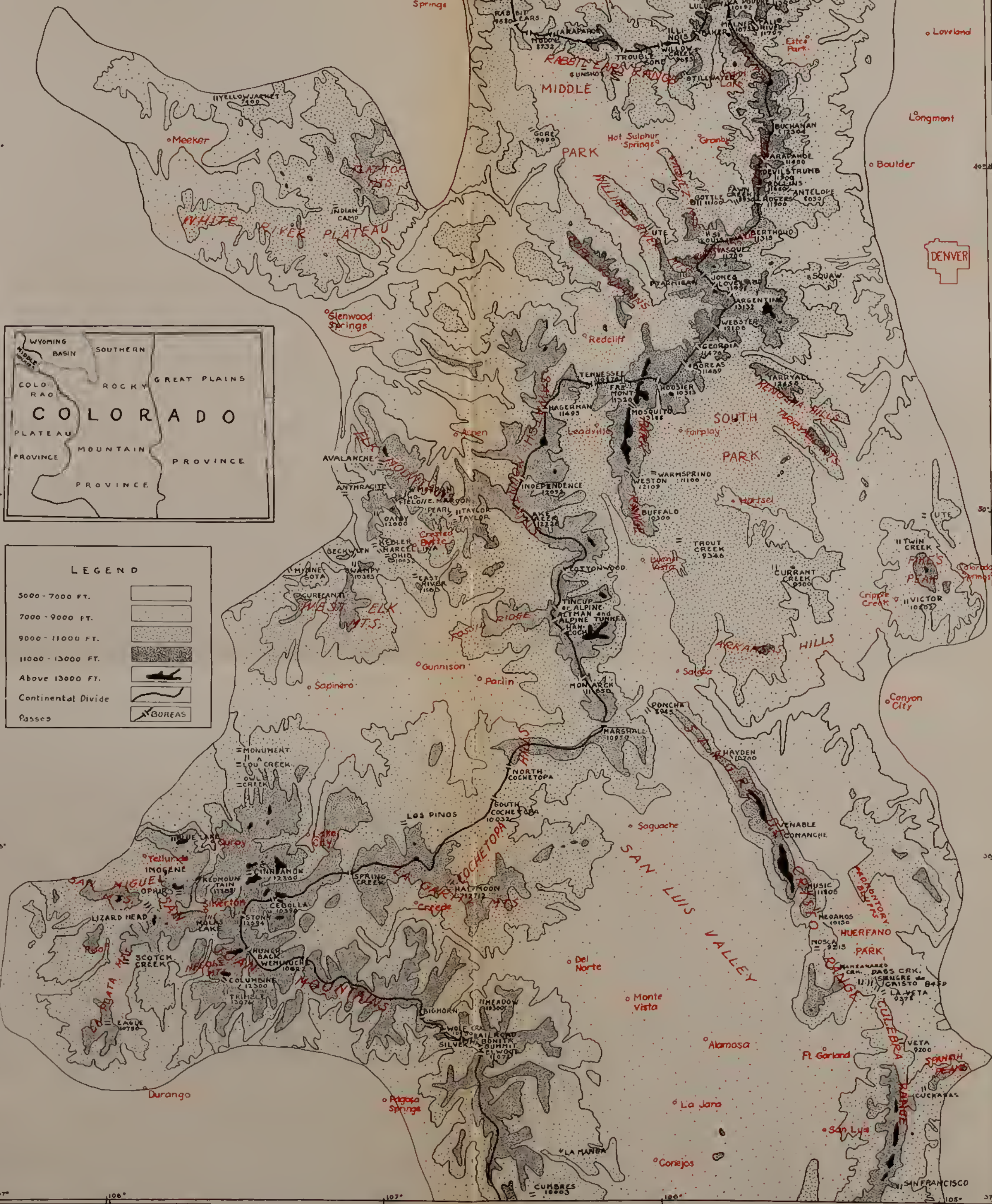
| COUNTY            | Area<br>Acres | Patented<br>Land<br>% | Homestead<br>Land<br>% | National<br>Forests<br>% | State<br>Land<br>% | Non-<br>Patented<br>Land % |
|-------------------|---------------|-----------------------|------------------------|--------------------------|--------------------|----------------------------|
| Adams .....       | 807,680       | 94.01                 | ....                   | ....                     | 3.62               | 3.62                       |
| Alamosa .....     | 465,280       | 68.43                 | 11.42                  | 6.24                     | 10.01              | 27.67                      |
| Arapahoe .....    | 538,880       | 95.10                 | ....                   | ....                     | 2.72               | 2.72                       |
| Archuleta .....   | 780,800       | 32.25                 | 13.20                  | 51.67                    | 2.32               | 67.19                      |
| Baca .....        | 1,633,280     | 93.91                 | 0.05                   | ....                     | 1.88               | 1.93                       |
| Bent .....        | 975,360       | 81.45                 | 0.51                   | ....                     | 14.18              | 14.69                      |
| Boulder .....     | 488,960       | 59.40                 | 1.41                   | 25.39                    | 1.44               | 28.24                      |
| Chaffee .....     | 693,120       | 16.96                 | 12.55                  | 61.26                    | 2.60               | 76.41                      |
| Cheyenne .....    | 1,137,280     | 94.50                 | 0.05                   | ....                     | 4.74               | 4.79                       |
| Clear Creek ..... | 249,600       | 22.60                 | 6.88                   | 68.64                    | 0.82               | 76.34                      |
| Conejos* .....    | 801,280       | 32.49                 | 31.72                  | 34.47                    | 7.69               | 73.88                      |
| Costilla .....    | 758,400       | 99.72                 | ....                   | ....                     | ....               | ....                       |
| Crowley .....     | 517,120       | 82.47                 | 0.21                   | ....                     | 11.74              | 11.95                      |
| Custer .....      | 478,080       | 54.80                 | 3.10                   | 35.27                    | 2.74               | 41.11                      |
| Delta .....       | 768,640       | 47.28                 | 18.91                  | 24.71                    | ....               | 43.62                      |
| Denver .....      | 37,120        | 94.50                 | ....                   | ....                     | 1.56               | 1.56                       |
| Dolores .....     | 667,520       | 29.48                 | 8.31                   | 49.20                    | 1.28               | 58.79                      |
| Douglas .....     | 540,800       | 70.85                 | 0.07                   | 25.21                    | 1.63               | 26.91                      |
| Eagle .....       | 1,036,800     | 15.02                 | 12.34                  | 57.30                    | 1.70               | 71.34                      |
| Elbert .....      | 1,188,480     | 91.27                 | 0.03                   | ....                     | 6.45               | 6.48                       |
| El Paso .....     | 1,357,440     | 75.01                 | 0.06                   | 7.39                     | 14.09              | 21.54                      |
| Fremont .....     | 996,480       | 38.71                 | 37.07                  | 7.02                     | 5.78               | 49.87                      |
| Garfield .....    | 1,988,480     | 16.95                 | 29.36                  | 26.25                    | 0.00005            | 55.61                      |
| Gilpin* .....     | 84,480        | 58.01                 | 5.74                   | 68.06                    | 1.47               | 75.27                      |
| Grand .....       | 1,194,240     | 25.93                 | 8.39                   | 45.64                    | 5.43               | 59.46                      |
| Gunnison .....    | 2,034,560     | 18.09                 | 22.16                  | 55.56                    | 0.94               | 78.66                      |
| Hinsdale* .....   | 621,440       | 4.16                  | 17.90                  | 83.53                    | 1.33               | 102.76                     |
| Huerfano .....    | 960,000       | 69.30                 | 5.73                   | 14.54                    | 4.68               | 24.95                      |
| Jefferson .....   | 1,044,480     | 29.92                 | 17.54                  | 38.67                    | 4.91               | 61.12                      |
| Kit Carson .....  | 517,120       | 69.96                 | 0.22                   | 18.48                    | 2.57               | 21.27                      |
| Kiowa .....       | 1,150,720     | 91.12                 | 0.12                   | ....                     | 5.38               | 5.50                       |
| Kit Carson .....  | 1,381,760     | 94.78                 | 0.04                   | ....                     | 4.15               | 4.19                       |
| Lake* .....       | 237,440       | 27.13                 | 12.05                  | 67.04                    | 0.73               | 79.82                      |
| La Plata .....    | 1,184,640     | 37.85                 | 13.23                  | 31.85                    | 1.32               | 46.40                      |
| Larimer .....     | 1,682,560     | 45.89                 | 1.49                   | 35.60                    | 4.21               | 41.30                      |
| Las Animas .....  | 3,077,760     | 89.26                 | 1.27                   | 0.99                     | 5.05               | 7.31                       |
| Lincoln .....     | 1,644,800     | 91.16                 | 0.10                   | ....                     | 7.62               | 7.72                       |
| Logan .....       | 1,166,080     | 85.27                 | 0.17                   | ....                     | 12.30              | 12.47                      |
| Mesa .....        | 2,024,320     | 24.25                 | 38.31                  | 28.42                    | 0.00005            | 66.73                      |
| Mineral* .....    | 554,240       | 5.55                  | ....                   | 95.37                    | 0.12               | 95.49                      |
| Moffat .....      | 2,981,120     | 33.17                 | 48.79                  | 1.41                     | 6.95               | 57.15                      |
| Montezuma .....   | 1,312,640     | 24.28                 | 16.41                  | 17.74                    | 2.69               | 36.84                      |
| Montrose .....    | 1,448,960     | 28.88                 | 37.79                  | 21.60                    | 0.01               | 59.40                      |
| Morgan .....      | 823,040       | 90.90                 | 0.18                   | ....                     | 7.32               | 7.50                       |
| Otero .....       | 805,760       | 81.09                 | 0.45                   | ....                     | 14.92              | 15.37                      |
| Ouray .....       | 332,160       | 50.50                 | 6.56                   | 38.09                    | 0.95               | 45.60                      |
| Park .....        | 1,434,880     | 33.91                 | 4.78                   | 43.74                    | 6.46               | 54.98                      |
| Phillips .....    | 440,320       | 93.21                 | ....                   | ....                     | 3.99               | 3.99                       |
| Pitkin .....      | 652,160       | 13.77                 | 2.29                   | 70.40                    | 0.20               | 72.89                      |
| Prowers .....     | 1,043,200     | 93.60                 | 0.11                   | ....                     | 4.34               | 4.45                       |
| Pueblo .....      | 1,557,120     | 76.91                 | 0.92                   | 1.86                     | 14.97              | 17.75                      |
| Rio Blanco .....  | 2,062,720     | 17.49                 | 52.21                  | 17.52                    | ....               | 69.73                      |
| Rio Grande .....  | 574,720       | 39.22                 | 13.24                  | 40.55                    | 2.55               | 56.34                      |
| Routt .....       | 1,477,760     | 42.56                 | 4.08                   | 37.72                    | 4.76               | 46.56                      |
| Saguache .....    | 2,005,120     | 28.02                 | 14.96                  | 43.61                    | 4.84               | 63.41                      |
| San Juan .....    | 289,920       | 8.69                  | 15.87                  | 64.72                    | 2.56               | 83.15                      |
| San Miguel .....  | 824,320       | 29.20                 | 36.87                  | 21.43                    | 2.62               | 60.92                      |
| Sedgwick .....    | 339,840       | 90.47                 | 0.02                   | ....                     | 6.48               | 6.50                       |
| Summit .....      | 415,360       | 16.99                 | 3.36                   | 66.35                    | 0.23               | 69.94                      |
| Teller .....      | 350,080       | 54.08                 | 10.23                  | 30.02                    | 3.03               | 43.28                      |
| Washington .....  | 1,613,440     | 91.98                 | 0.07                   | ....                     | 5.81               | 5.88                       |
| Weld .....        | 2,574,080     | 89.15                 | 0.16                   | ....                     | 6.85               | 7.01                       |
| Yuma .....        | 1,514,880     | 95.13                 | 0.10                   | ....                     | 3.62               | 3.72                       |
| State .....       | 66,341,120    | 56.02                 | 12.10                  | 20.09                    | 4.64               | 36.83                      |

\*Owing to inaccuracies in surveys and other causes, the figures for these counties do not always equal 100 per cent, sometimes going over that total.







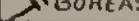
In addition to lands shown here there are in most counties areas not accounted for as to title, these areas not being included in this table.



SCALE: 1 INCH EQUALS 24 MILES



### LEGEND

|                    |   |
|--------------------|---|
| 5000 - 7000 FT.    |  |
| 7000 - 9000 FT.    |  |
| 9000 - 11000 FT.   |  |
| 11000 - 13000 FT.  |  |
| Above 13000 FT.    |  |
| Continental Divide |  |
| Passes             |  |





RANK OF COUNTIES IN THE STATE

| COUNTY           | Area | Population (1930) | Bank Deposits (Dec. 31, 1930) | Agricultural Values (1930) | Dairy Cattle Values (1930) | Range Cattle Values (1930) | Value Sheep (1930) | Value Swine (1930) | Metal Mining (1929) | Coal Mining (1930) | Manufacturing (1919) | Miles Railroad (1930) | Number Autos (1930) | Miles Highways (1930) | Assessed Valuation (1930) |
|------------------|------|-------------------|-------------------------------|----------------------------|----------------------------|----------------------------|--------------------|--------------------|---------------------|--------------------|----------------------|-----------------------|---------------------|-----------------------|---------------------------|
| Adams.....       | 35   | 12                | 28                            | 8                          | 5                          | 47                         | 46                 | 6                  | 19                  | --                 | 9                    | 18                    | 10                  | 14                    | 9                         |
| Alamosa.....     | 53   | 30                | 20                            | 28                         | 39                         | 43                         | 36                 | 27                 | --                  | --                 | 28                   | 42                    | 23                  | 40                    | 38                        |
| Arapahoe.....    | 48   | 10                | 17                            | 31                         | 14                         | 42                         | 39                 | 30                 | --                  | --                 | 23                   | 34                    | 9                   | 36                    | 15                        |
| Archuleta.....   | 38   | 48                | 57                            | 50                         | 48                         | 39                         | 23                 | 45                 | --                  | 24                 | 29                   | 33                    | 53                  | 42                    | 52                        |
| Baca.....        | 11   | 22                | 38                            | 26                         | 34                         | 12                         | 40                 | 10                 | --                  | --                 | 48                   | 44                    | 25                  | 33                    | 29                        |
| Bent.....        | 31   | 29                | 32                            | 19                         | 32                         | 26                         | 24                 | 25                 | --                  | --                 | 33                   | 26                    | 35                  | 30                    | 31                        |
| Boulder.....     | 51   | 7                 | 6                             | 16                         | 10                         | 46                         | 45                 | 29                 | 16                  | 6                  | 5                    | 14                    | 5                   | 29                    | 6                         |
| Chaffee.....     | 41   | 31                | 23                            | 48                         | 41                         | 49                         | 42                 | 35                 | 20                  | --                 | 13                   | 27                    | 31                  | 48                    | 39                        |
| Cheyenne.....    | 26   | 46                | 53                            | 30                         | 42                         | 15                         | 34                 | 20                 | --                  | --                 | 59                   | 32                    | 46                  | 24                    | 30                        |
| Clear Creek..... | 69   | 51                | 47                            | 61                         | 60                         | 61                         | 55                 | --                 | 13                  | --                 | 45                   | 57                    | 48                  | 55                    | 49                        |
| Conejos.....     | 37   | 25                | 40                            | 21                         | 30                         | 34                         | 6                  | 19                 | --                  | --                 | 20                   | 38                    | 33                  | 35                    | 41                        |
| Costilla.....    | 40   | 38                | 58                            | 38                         | 54                         | 56                         | 22                 | 36                 | --                  | --                 | 39                   | 31                    | 51                  | 53                    | 50                        |
| Crowley.....     | 50   | 36                | 41                            | 17                         | 40                         | 36                         | 43                 | 26                 | --                  | --                 | 19                   | 55                    | 38                  | 28                    | 40                        |
| Custer.....      | 52   | 52                | 55                            | 45                         | 45                         | 44                         | 48                 | 47                 | --                  | --                 | 57                   | 60                    | 47                  | 32                    | 60                        |
| Delta.....       | 39   | 18                | 18                            | 20                         | 15                         | 21                         | 10                 | 24                 | --                  | 11                 | 30                   | 30                    | 18                  | 37                    | 28                        |
| Denver.....      | 63   | 1                 | 1                             | --                         | 55                         | --                         | --                 | --                 | --                  | --                 | 1                    | 37                    | 1                   | --                    | 1                         |
| Dolores.....     | 42   | 58                | --                            | 55                         | 57                         | 55                         | 27                 | 49                 | 9                   | 19                 | 61                   | 58                    | 60                  | 54                    | 61                        |
| Douglas.....     | 47   | 47                | 44                            | 41                         | 12                         | 24                         | 57                 | 39                 | --                  | --                 | 18                   | 16                    | 39                  | 34                    | 35                        |
| Eagle.....       | 29   | 44                | 49                            | 44                         | 38                         | 20                         | 18                 | 42                 | 2                   | --                 | 53                   | 24                    | 40                  | 46                    | 43                        |
| Elbert.....      | 22   | 34                | 34                            | 24                         | 7                          | 17                         | 33                 | 13                 | --                  | 21                 | 59                   | 23                    | 30                  | 10                    | 22                        |
| El Paso.....     | 19   | 4                 | 3                             | 23                         | 2                          | 14                         | 44                 | 18                 | --                  | 8                  | 10                   | 4                     | 4                   | 3                     | 4                         |
| Fremont.....     | 30   | 14                | 8                             | 42                         | 29                         | 40                         | 53                 | 34                 | --                  | 7                  | 7                    | 12                    | 14                  | 49                    | 16                        |
| Garfield.....    | 8    | 23                | 12                            | 27                         | 18                         | 8                          | 4                  | 21                 | 23                  | 14                 | 32                   | 10                    | 20                  | 15                    | 20                        |
| Gilpin.....      | 62   | 60                | 54                            | 60                         | 62                         | 59                         | --                 | 57                 | 12                  | --                 | 51                   | 52                    | 56                  | 57                    | 59                        |
| Grand.....       | 21   | 53                | 48                            | 46                         | 37                         | 29                         | 25                 | 51                 | --                  | --                 | 21                   | 28                    | 49                  | 50                    | 46                        |
| Gunnison.....    | 5    | 40                | 26                            | 43                         | 36                         | 3                          | 12                 | 48                 | 15                  | 5                  | 40                   | 5                     | 37                  | 44                    | 25                        |
| Hinsdale.....    | 44   | 63                | --                            | 58                         | 58                         | 58                         | 49                 | --                 | 22                  | --                 | 62                   | 61                    | 62                  | 58                    | 63                        |
| Huerfano.....    | 32   | 16                | 14                            | 47                         | 31                         | 31                         | 20                 | 43                 | --                  | 3                  | 34                   | 8                     | 16                  | 41                    | 23                        |
| Jackson.....     | 27   | 59                | --                            | 36                         | 46                         | 5                          | 19                 | 53                 | --                  | 13                 | 46                   | 46                    | 54                  | 45                    | 58                        |
| Jefferson.....   | 49   | 11                | 27                            | 29                         | 13                         | 37                         | 52                 | 38                 | --                  | 9                  | 22                   | 13                    | 12                  | 17                    | 12                        |
| Kiowa.....       | 25   | 45                | 50                            | 34                         | 50                         | 27                         | 38                 | 33                 | --                  | --                 | 56                   | 22                    | 45                  | 31                    | 32                        |
| Kit Carson.....  | 18   | 26                | 35                            | 9                          | 9                          | 22                         | 47                 | 2                  | --                  | --                 | 42                   | 36                    | 22                  | 11                    | 18                        |
| Lake.....        | 61   | 41                | 31                            | 57                         | 59                         | 60                         | 59                 | --                 | 4                   | --                 | 11                   | 39                    | 41                  | 59                    | 44                        |
| La Plata.....    | 23   | 20                | 13                            | 33                         | 25                         | 30                         | 16                 | 37                 | 18                  | 12                 | 15                   | 9                     | 28                  | 13                    | 27                        |
| Larimer.....     | 9    | 6                 | 7                             | 5                          | 6                          | 19                         | 26                 | 23                 | --                  | --                 | 3                    | 6                     | 6                   | 16                    | 5                         |
| Las Animas.....  | 1    | 5                 | 5                             | 35                         | 20                         | 1                          | 3                  | 32                 | --                  | 1                  | 12                   | 2                     | 7                   | 2                     | 7                         |
| Lincoln.....     | 10   | 33                | 37                            | 18                         | 23                         | 9                          | 35                 | 11                 | --                  | --                 | 27                   | 29                    | 29                  | 18                    | 19                        |
| Logan.....       | 24   | 13                | 15                            | 2                          | 8                          | 18                         | 50                 | 4                  | --                  | --                 | 17                   | 7                     | 11                  | 5                     | 8                         |
| Mesa.....        | 6    | 8                 | 9                             | 11                         | 3                          | 2                          | 1                  | 15                 | --                  | 10                 | 16                   | 11                    | 8                   | 6                     | 11                        |
| Mineral.....     | 46   | 62                | --                            | 59                         | 61                         | 57                         | 32                 | --                 | 8                   | --                 | 63                   | 59                    | 61                  | 62                    | 62                        |
| Moffat.....      | 2    | 42                | 43                            | 39                         | 33                         | 28                         | 2                  | 41                 | --                  | 16                 | 50                   | 63                    | 44                  | 23                    | 45                        |
| Montezuma.....   | 20   | 32                | 29                            | 37                         | 24                         | 41                         | 14                 | 40                 | 21                  | 17                 | 38                   | 35                    | 34                  | 21                    | 47                        |
| Montrose.....    | 16   | 21                | 16                            | 22                         | 21                         | 23                         | 9                  | 14                 | 24                  | 20                 | 24                   | 41                    | 21                  | 22                    | 34                        |
| Morgan.....      | 34   | 15                | 10                            | 3                          | 11                         | 35                         | 56                 | 8                  | --                  | --                 | 8                    | 20                    | 13                  | 19                    | 13                        |
| Otero.....       | 36   | 9                 | 11                            | 7                          | 17                         | 33                         | 17                 | 16                 | --                  | --                 | 6                    | 17                    | 15                  | 12                    | 10                        |
| Ouray.....       | 58   | 56                | 52                            | 54                         | 52                         | 45                         | 29                 | 52                 | 7                   | 23                 | 49                   | 51                    | 55                  | 52                    | 55                        |
| Park.....        | 17   | 54                | 56                            | 49                         | 47                         | 32                         | 13                 | 55                 | 5                   | --                 | 44                   | 15                    | 50                  | 43                    | 42                        |
| Phillips.....    | 54   | 37                | 30                            | 14                         | 27                         | 53                         | 61                 | 7                  | --                  | --                 | 31                   | 53                    | 32                  | 26                    | 26                        |
| Pitkin.....      | 43   | 57                | 51                            | 51                         | 53                         | 51                         | 41                 | 46                 | 14                  | 15                 | 52                   | 50                    | 59                  | 56                    | 56                        |
| Prowers.....     | 28   | 17                | 25                            | 13                         | 22                         | 25                         | 28                 | 9                  | --                  | --                 | 14                   | 25                    | 19                  | 25                    | 17                        |
| Pueblo.....      | 13   | 2                 | 2                             | 12                         | 16                         | 16                         | 31                 | 22                 | --                  | --                 | 2                    | 3                     | 3                   | 8                     | 3                         |
| Rio Blanco.....  | 4    | 49                | 39                            | 40                         | 44                         | 6                          | 8                  | 44                 | --                  | 18                 | 43                   | 62                    | 52                  | 38                    | 48                        |
| Rio Grande.....  | 45   | 24                | 19                            | 10                         | 35                         | 38                         | 11                 | 17                 | 17                  | --                 | 25                   | 40                    | 27                  | 51                    | 36                        |
| Routt.....       | 15   | 28                | 33                            | 32                         | 19                         | 4                          | 5                  | 31                 | --                  | 4                  | 26                   | 19                    | 26                  | 7                     | 21                        |
| Saguache.....    | 7    | 35                | 36                            | 25                         | 43                         | 10                         | 7                  | 28                 | 6                   | --                 | 36                   | 21                    | 43                  | 20                    | 37                        |
| San Juan.....    | 59   | 55                | 46                            | --                         | 63                         | 62                         | 37                 | --                 | 1                   | --                 | 55                   | 56                    | 58                  | 60                    | 57                        |
| San Miguel.....  | 33   | 50                | --                            | 52                         | 49                         | 50                         | 15                 | 50                 | 11                  | 22                 | 41                   | 43                    | 56                  | 39                    | 53                        |
| Sedgwick.....    | 57   | 39                | 42                            | 15                         | 28                         | 48                         | 53                 | 12                 | --                  | --                 | 51                   | 54                    | 36                  | 27                    | 33                        |
| Summit.....      | 55   | 61                | 59                            | 56                         | 56                         | 54                         | 54                 | 56                 | 10                  | --                 | 61                   | 45                    | 57                  | 61                    | 54                        |
| Teller.....      | 56   | 43                | 22                            | 53                         | 51                         | 52                         | 60                 | 54                 | 3                   | --                 | 37                   | 49                    | 42                  | 47                    | 51                        |
| Washington.....  | 12   | 27                | 45                            | 6                          | 26                         | 11                         | 30                 | 3                  | --                  | --                 | 47                   | 47                    | 24                  | 4                     | 24                        |
| Weld.....        | 3    | 3                 | 4                             | 1                          | 1                          | 13                         | 21                 | 5                  | --                  | 2                  | 4                    | 1                     | 2                   | 1                     | 2                         |
| Yuma.....        | 14   | 19                | 24                            | 4                          | 4                          | 7                          | 51                 | 1                  | --                  | --                 | 35                   | 48                    | 17                  | 9                     | 14                        |



COMPOSITION AND CHARACTERISTICS OF POPULATION BY COUNTIES  
(Census 1930)

| COUNTY           | Total<br>Popu-<br>lation | Native<br>White | Foreign<br>Born<br>White | Negro  | Indian | Chinese | Japanese | Mexican |
|------------------|--------------------------|-----------------|--------------------------|--------|--------|---------|----------|---------|
| Adams-----       | 20,245                   | 16,349          | 2,133                    | 107    | 4      | ----    | 437      | 1,191   |
| Alamosa-----     | 8,602                    | 7,810           | 213                      | 49     | ----   | ----    | 21       | 507     |
| Arapahoe-----    | 22,647                   | 20,588          | 1,652                    | 104    | 10     | 1       | 53       | 224     |
| Archuleta-----   | 3,204                    | 1,582           | 47                       | ----   | 5      | ----    | 12       | 1,558   |
| Baca-----        | 10,570                   | 10,436          | 80                       | 2      | 4      | ----    | ----     | 48      |
| Bent-----        | 9,134                    | 7,825           | 239                      | 15     | 2      | 20      | 163      | 866     |
| Boulder-----     | 32,456                   | 27,792          | 2,702                    | 128    | 7      | 7       | 133      | 1,675   |
| Chaffee-----     | 8,126                    | 6,416           | 770                      | 23     | 1      | ----    | 31       | 884     |
| Cheyenne-----    | 3,723                    | 3,491           | 184                      | 1      | 1      | ----    | ----     | 46      |
| Clear Creek----- | 2,155                    | 1,866           | 269                      | 11     | ----   | 2       | ----     | 7       |
| Conejos-----     | 9,803                    | 9,614           | 86                       | 4      | 13     | ----    | 41       | 26      |
| Costilla-----    | 5,779                    | 5,339           | 63                       | 1      | 3      | ----    | 171      | 190     |
| Crowley-----     | 5,934                    | 4,282           | 292                      | 17     | 8      | ----    | 92       | 1,243   |
| Custer-----      | 2,124                    | 1,831           | 167                      | 36     | ----   | ----    | ----     | 90      |
| Delta-----       | 14,204                   | 12,616          | 548                      | 1      | 5      | ----    | 49       | 982     |
| Denver-----      | 287,861                  | 241,742         | 31,235                   | 7,204  | 243    | 154     | 349      | 6,837   |
| Dolores-----     | 1,412                    | 1,287           | 91                       | ----   | ----   | ----    | 6        | 25      |
| Douglas-----     | 3,498                    | 3,163           | 220                      | 2      | ----   | ----    | ----     | 112     |
| Eagle-----       | 3,924                    | 3,233           | 293                      | 1      | ----   | ----    | 1        | 389     |
| Elbert-----      | 6,580                    | 6,152           | 357                      | 13     | 3      | ----    | 11       | 44      |
| El Paso-----     | 49,570                   | 44,424          | 3,247                    | 1,096  | 20     | 5       | 10       | 759     |
| Fremont-----     | 18,896                   | 15,988          | 1,752                    | 216    | 12     | ----    | 4        | 923     |
| Garfield-----    | 9,975                    | 8,870           | 752                      | 11     | 2      | ----    | ----     | 340     |
| Gilpin-----      | 1,212                    | 1,029           | 174                      | ----   | ----   | ----    | ----     | 9       |
| Grand-----       | 2,168                    | 1,897           | 176                      | ----   | ----   | ----    | 7        | 28      |
| Gunnison-----    | 5,527                    | 4,544           | 715                      | 13     | 3      | ----    | ----     | 252     |
| Hinsdale-----    | 449                      | 402             | 29                       | 3      | ----   | ----    | ----     | 15      |
| Huerfano-----    | 17,062                   | 12,555          | 1,786                    | 254    | ----   | ----    | 26       | 2,425   |
| Jackson-----     | 1,386                    | 1,244           | 113                      | ----   | ----   | ----    | ----     | 29      |
| Jefferson-----   | 21,810                   | 19,462          | 2,120                    | 64     | 14     | 1       | 56       | 92      |
| Kiowa-----       | 3,786                    | 3,607           | 87                       | 30     | 1      | ----    | ----     | 61      |
| Kit Carson-----  | 9,725                    | 9,375           | 338                      | ----   | ----   | ----    | ----     | 12      |
| Lake-----        | 4,899                    | 3,613           | 986                      | 17     | 1      | ----    | ----     | 282     |
| La Plata-----    | 12,975                   | 9,954           | 782                      | 35     | 430    | 14      | 7        | 1,753   |
| Larimer-----     | 33,137                   | 28,242          | 2,814                    | 13     | 11     | ----    | 3        | 2,054   |
| Las Animas-----  | 36,008                   | 27,487          | 3,426                    | 286    | 51     | 4       | 5        | 4,748   |
| Lincoln-----     | 7,850                    | 7,490           | 275                      | 1      | 1      | ----    | ----     | 83      |
| Logan-----       | 19,946                   | 17,294          | 1,698                    | 39     | 3      | ----    | 97       | 815     |
| Mesa-----        | 25,908                   | 23,548          | 1,263                    | 72     | 10     | 7       | 35       | 973     |
| Mineral-----     | 640                      | 566             | 42                       | 1      | ----   | ----    | ----     | 31      |
| Moffat-----      | 4,861                    | 4,595           | 228                      | 1      | ----   | ----    | ----     | 36      |
| Montezuma-----   | 7,798                    | 6,316           | 199                      | 3      | 413    | ----    | ----     | 867     |
| Montrose-----    | 11,742                   | 9,927           | 551                      | 8      | 8      | ----    | 56       | 1,191   |
| Morgan-----      | 18,284                   | 15,109          | 1,721                    | 35     | ----   | ----    | 21       | 1,398   |
| Otero-----       | 24,390                   | 19,078          | 766                      | 222    | 12     | ----    | 332      | 3,941   |
| Ouray-----       | 1,784                    | 1,552           | 228                      | 3      | ----   | 1       | ----     | ----    |
| Park-----        | 2,052                    | 1,864           | 120                      | ----   | ----   | ----    | ----     | 68      |
| Phillips-----    | 5,797                    | 5,526           | 262                      | ----   | 9      | ----    | ----     | ----    |
| Pitkin-----      | 1,770                    | 1,374           | 391                      | 3      | 1      | ----    | 1        | ----    |
| Prowers-----     | 14,762                   | 12,883          | 374                      | 46     | 15     | 3       | 5        | 1,436   |
| Pueblo-----      | 66,038                   | 52,865          | 6,328                    | 1,333  | 26     | 13      | 91       | 5,356   |
| Rio Blanco-----  | 2,980                    | 2,827           | 103                      | 16     | ----   | ----    | ----     | 34      |
| Rio Grande-----  | 9,953                    | 9,284           | 232                      | 4      | 1      | ----    | 2        | 430     |
| Routt-----       | 9,352                    | 8,081           | 841                      | 125    | 19     | ----    | 65       | 220     |
| Saguache-----    | 6,250                    | 5,555           | 187                      | 2      | ----   | ----    | 1        | 505     |
| San Juan-----    | 1,935                    | 1,314           | 460                      | 4      | ----   | ----    | ----     | 157     |
| San Miguel-----  | 2,184                    | 1,872           | 235                      | 2      | 2      | ----    | ----     | 73      |
| Sedgwick-----    | 5,580                    | 4,733           | 368                      | 4      | ----   | ----    | 91       | 384     |
| Summit-----      | 987                      | 856             | 124                      | ----   | ----   | ----    | ----     | 7       |
| Teller-----      | 4,141                    | 3,695           | 428                      | 7      | ----   | ----    | ----     | 11      |
| Washington-----  | 9,591                    | 8,988           | 453                      | 27     | ----   | ----    | 16       | 107     |
| Weld-----        | 65,097                   | 49,221          | 6,204                    | 111    | 19     | 1       | 712      | 8,792   |
| Yuma-----        | 13,613                   | 13,190          | 387                      | 2      | 2      | ----    | ----     | 32      |
| State-----       | 1,035,791                | 875,711         | 85,406                   | 11,828 | 1,395  | 233     | 3,213    | 57,676  |

Note—To reach the total shown in the first column the following non-classified races, not shown in the table, must be added: Adams, 24; Alamosa, 2; Arapahoe, 15; Bent, 4; Boulder, 12; Chaffee, 1; Conejos, 19; Costilla, 12; Delta, 3; Denver, 97; Douglas, 1; Eagle, 7; El Paso, 9; Fremont, 1; Huerfano, 16; Jefferson, 1; Las Animas, 1; Montrose, 1; Otero, 39; Pueblo, 26; Routt, 1; Weld, 37; total, 329.

COLORADO POPULATION STATISTICS, BY YEARS AND CLASSIFICATION

(Compiled from Federal Census Reports)

|  | 1930      | 1920     | 1910    | 1900    |
|--|-----------|----------|---------|---------|
| <b>Total Population</b> .....  | 1,035,791 | 939,629  | 799,024 | 539,700 |
| Number per square mile.....  | 10.0      | 9.1      | 7.7     | 5.2     |
| Increase over preceding census:  |           |          |         |         |
| Number .....   | 96,162    | 140,605  | 259,321 | 126,451 |
| Per cent increase.....   | 10.2      | 17.6     | 48.0    | 30.6    |
| <b>Males</b> .....   | 530,752   | 492,731  | 430,697 | 368,327 |
| <b>Females</b> .....   | 505,039   | 446,898  | 368,327 | 244,368 |
| Males to 100 females.....  | 105.1     | 110.3    | 116.9   | 120.9   |
| <b>Urban</b> .....   | 519,832   | 453,259  | 404,840 | 260,651 |
| Males .....  | 254,319   | 229,374  | 206,805 | 134,267 |
| Females .....  | 265,563   | 223,885  | 198,035 | 126,384 |
| <b>Rural</b> .....   | 515,909   | 486,370  | 394,184 | 279,049 |
| Males .....  | 276,433   | 263,357  | 223,892 | 161,065 |
| Females .....  | 239,476   | 223,013  | 170,292 | 117,984 |
| Number illiterate (10 years, or<br>more, age).....                       | 23,141    | 24,208   | 23,780  | 17,779  |
| Per cent illiterate.....   | 2.8       | 3.2      | 3.7     | 4.2     |
| <b>Color and nativity:</b>   |           |          |         |         |
| Native white.....  | 875,711   | 807,149  | 656,564 | 438,571 |
| Foreign-born white.....  | 85,406    | *116,954 | 126,851 | 90,475  |
| Negro .....  | 11,828    | 11,318   | 11,453  | 8,570   |
| Mexicans .....   | 57,676    | *        | *       | *       |
| Indians .....  | 1,395     | 1,383    | 1,482   | 1,437   |
| Chinese .....  | 233       | 291      | 373     | 509     |
| Japanese .....   | 3,213     | 2,464    | 2,300   | 48      |
| All others.....  | 329       | 70       | 1       | 90      |
| <b>Population by age:</b>  |           |          |         |         |
| Under 5 years.....   | 95,670    | 97,058   | 82,562  | 56,999  |
| 5 to 9.....  | 104,780   | 95,086   | 75,616  | 57,277  |
| 10 to 14.....  | 98,940    | 89,214   | 69,688  | 48,871  |
| 15 to 19.....  | 95,132    | 78,632   | 71,045  | 45,014  |
| 20 to 24.....  | 86,913    | 78,338   | 79,050  | 49,600  |
| 25 to 29.....  | 77,310    | 78,905   | 78,885  | 51,335  |
| 30 to 34.....  | 74,191    | 74,825   | 69,313  | 49,938  |
| 35 to 44.....  | 146,667   | 134,428  | 116,508 | 85,691  |
| 45 to 54.....  | 115,665   | 100,424  | 83,259  | 50,889  |
| 55 to 64.....  | 78,035    | 64,002   | 44,022  | 25,890  |
| 65 to 74.....  | 45,073    | 30,049   | 20,158  | 10,621  |
| 75 and over.....   | 16,714    | 11,014   | 6,569   | 3,025   |
| Unknown.....   | 701       | 7,654    | 2,349   | 4,550   |
| <b>Persons 10 years old and over<br/>engaged in gainful occupations:</b> |           |          |         |         |
| Number engaged.....  | 402,894   | 366,457  | 338,724 | .....   |
| Per cent of total population...  | 38.9      | 49.0     | 52.9    | .....   |
| Males .....  | 321,718   | 303,870  | 285,083 | .....   |
| Females .....  | 81,176    | 62,587   | 53,641  | .....   |
| By occupations:  |           |          |         |         |
| Agriculture† .....   | 106,234   | 100,153  | .....   | .....   |
| Forestry and fishing.....  | 1,366     | †        | .....   | .....   |
| Extraction of minerals.....  | 20,045    | 23,382   | .....   | .....   |
| Manufacturing and mechanical<br>industries .....                         | 68,785    | 73,924   | .....   | .....   |
| Transportation .....   | 42,859    | 32,210   | .....   | .....   |
| Trade .....  | 67,139    | 45,730   | .....   | .....   |
| Public service (not elsewhere<br>classified) .....                       | 8,716     | 6,984    | .....   | .....   |
| Professional service.....  | 36,238    | 24,963   | .....   | .....   |
| Domestic and personal service.   | 39,292    | 33,018   | .....   | .....   |
| Clerical occupations.....  | †         | 26,093   | .....   | .....   |
| Industry not specified.....  | 12,220    | .....    | .....   | .....   |
| <b>Marital conditions (persons 15 years<br/>or over):</b>                |           |          |         |         |
| Males, number.....   | 379,165   | 350,813  | 315,422 | 213,157 |
| Single .....   | 125,015   | 123,473  | 129,828 | 93,891  |
| Married .....  | 227,494   | 200,800  | 167,799 | 105,902 |
| Widowed .....  | 18,895    | 17,592   | 13,457  | 8,903   |
| Divorced .....   | 6,938     | 4,378    | 2,782   | 1,178   |
| Unknown .....  | 823       | 4,570    | 1,556   | 3,283   |
| Females, number.....   | 357,236   | 307,458  | 255,736 | 163,396 |
| Single .....   | 83,456    | 73,093   | 65,931  | 42,738  |
| Married .....  | 226,078   | 195,193  | 160,546 | 102,388 |
| Widowed .....  | 40,337    | 34,186   | 25,752  | 16,210  |
| Divorced .....   | 7,013     | 4,058    | 3,043   | 1,281   |
| Unknown .....  | 352       | 923      | 464     | 779     |

\*Mexicans were not segregated in 1920, 1910 and 1900 and are included in the foreign-born white. †Forestry and fishing were included with agriculture in 1920, 1910 and 1900. ‡Distributed under various occupations in 1930.



## POPULATION OF COLORADO BY COUNTIES

(Compiled from the Census Reports)

| COUNTY                  | Population |         |         |         | Increase, 1920-1930* |          |
|-------------------------|------------|---------|---------|---------|----------------------|----------|
|                         | 1930       | 1920    | 1910    | 1900    | Number               | Per Cent |
| Adams <sup>a b c</sup>  | 20,245     | 14,430  | 8,892   | -----   | 5,815                | 40.3     |
| Alamosa <sup>d</sup>    | 8,602      | 5,148   | -----   | -----   | 3,454                | 67.1     |
| Arapahoe <sup>a b</sup> | 22,647     | 13,766  | 10,263  | 153,017 | 8,881                | 64.5     |
| Archuleta               | 3,204      | 3,590   | 3,302   | 2,117   | -386                 | 10.8     |
| Baca                    | 10,570     | 8,721   | 2,516   | 759     | 1,849                | 21.2     |
| Bent                    | 9,134      | 9,705   | 5,043   | 3,049   | -571                 | 5.9      |
| Boulder                 | 32,456     | 31,861  | 30,330  | 21,544  | 595                  | 1.9      |
| Chaffee                 | 8,126      | 7,753   | 7,622   | 7,085   | 373                  | 4.8      |
| Cheyenne                | 3,723      | 3,746   | 3,687   | 501     | -23                  | -0.6     |
| Clear Creek             | 2,155      | 2,891   | 5,001   | 7,082   | -736                 | -25.5    |
| Conejos <sup>d</sup>    | 9,803      | 8,416   | 11,285  | 8,794   | 1,387                | 16.5     |
| Costilla <sup>d</sup>   | 5,779      | 5,032   | 5,498   | 4,632   | 747                  | 14.8     |
| Crowley <sup>e</sup>    | 5,934      | 6,383   | -----   | -----   | -449                 | -7.0     |
| Custer                  | 2,124      | 2,172   | 1,947   | 2,937   | -48                  | -2.2     |
| Delta                   | 14,204     | 13,668  | 13,688  | 5,487   | 536                  | 3.9      |
| Denver <sup>a c</sup>   | 287,861    | 256,491 | 213,381 | -----   | 31,370               | 12.2     |
| Dolores                 | 1,412      | 1,243   | 642     | 1,134   | 169                  | 13.6     |
| Douglas                 | 3,498      | 3,517   | 3,192   | 3,120   | -19                  | -0.5     |
| Eagle                   | 3,924      | 3,385   | 2,985   | 3,008   | 539                  | 15.9     |
| Elbert                  | 6,580      | 6,980   | 5,331   | 3,101   | -400                 | -5.7     |
| El Paso                 | 49,570     | 44,027  | 43,321  | 31,602  | 5,543                | 12.6     |
| Fremont                 | 18,896     | 17,883  | 18,181  | 15,636  | 1,013                | 5.7      |
| Garfield                | 9,975      | 9,304   | 10,144  | 5,835   | 671                  | 7.2      |
| Gilpin                  | 1,212      | 1,364   | 4,131   | 6,690   | -152                 | -11.1    |
| Grand                   | 2,108      | 2,659   | 1,862   | 741     | -551                 | -20.7    |
| Gunnison                | 5,527      | 5,590   | 5,897   | 5,331   | -63                  | -1.1     |
| Hinsdale                | 449        | 538     | 646     | 1,609   | -89                  | -16.5    |
| Huerfano                | 17,062     | 16,879  | 13,320  | 8,395   | 183                  | 1.1      |
| Jackson <sup>f</sup>    | 1,386      | 1,340   | 1,013   | -----   | 46                   | 3.4      |
| Jefferson <sup>g</sup>  | 21,810     | 14,400  | 14,231  | 9,306   | 7,410                | 51.5     |
| Kiowa                   | 3,786      | 3,755   | 2,899   | 701     | 31                   | 0.8      |
| Kit Carson              | 9,725      | 8,915   | 7,483   | 1,580   | 810                  | 9.1      |
| Lake                    | 4,899      | 6,630   | 10,600  | 18,054  | -1,731               | -26.1    |
| La Plata                | 12,975     | 11,218  | 10,812  | 7,016   | 1,757                | 15.7     |
| Larimer <sup>f</sup>    | 33,137     | 27,872  | 25,270  | 12,168  | 5,265                | 18.9     |
| Las Animas              | 36,008     | 38,975  | 33,643  | 21,841  | -2,967               | -7.6     |
| Lincoln                 | 7,850      | 8,273   | 5,917   | 926     | -423                 | -5.1     |
| Logan                   | 19,946     | 18,427  | 9,549   | 3,292   | 1,519                | 8.2      |
| Mesa                    | 25,908     | 22,281  | 22,197  | 9,267   | 3,627                | 16.3     |
| Mineral                 | 640        | 779     | 1,239   | 1,913   | -139                 | -17.8    |
| Moffat <sup>h</sup>     | 4,861      | 5,129   | -----   | -----   | -268                 | -5.2     |
| Montezuma               | 7,798      | 6,260   | 5,029   | 3,058   | 1,538                | 24.6     |
| Montrose                | 11,742     | 11,852  | 10,291  | 4,535   | -110                 | -0.9     |
| Morgan                  | 18,284     | 16,124  | 9,577   | 3,268   | 2,160                | 13.4     |
| Otero <sup>e</sup>      | 24,390     | 22,623  | 20,201  | 11,522  | 1,767                | 7.8      |
| Ouray <sup>j</sup>      | 1,784      | 2,620   | 3,514   | 4,731   | -836                 | -31.9    |
| Park <sup>k</sup>       | 2,052      | 1,977   | 2,492   | 2,998   | 75                   | 3.8      |
| Phillips                | 5,797      | 5,499   | 3,179   | 1,583   | 298                  | 5.4      |
| Pitkin                  | 1,770      | 2,707   | 4,566   | 7,020   | -937                 | -34.6    |
| Prowers                 | 14,762     | 13,845  | 9,520   | 3,766   | 917                  | 6.6      |
| Pueblo                  | 66,038     | 57,638  | 52,223  | 34,448  | 8,400                | 14.6     |
| Rio Blanco              | 2,980      | 3,135   | 2,332   | 1,690   | -155                 | -4.9     |
| Rio Grande              | 9,953      | 7,855   | 6,563   | 4,080   | 2,098                | 26.7     |
| Routt <sup>b</sup>      | 9,352      | 8,948   | 7,561   | 3,661   | 404                  | 4.5      |
| Saguache                | 6,250      | 4,638   | 4,160   | 3,853   | 1,612                | 34.8     |
| San Juan                | 1,935      | 1,700   | 3,063   | 2,343   | 235                  | 13.8     |
| San Miguel <sup>j</sup> | 2,184      | 5,281   | 4,700   | 5,379   | -3,097               | -58.6    |
| Sedgwick                | 5,580      | 4,207   | 3,061   | 971     | 1,373                | 32.4     |
| Summit                  | 987        | 1,724   | 2,003   | 2,744   | -737                 | -42.7    |
| Teller                  | 4,141      | 6,696   | 14,351  | 29,002  | -2,555               | -38.2    |
| Washington <sup>b</sup> | 9,591      | 11,208  | 6,002   | 1,241   | -1,617               | -14.4    |
| Weld                    | 65,097     | 54,059  | 39,177  | 16,808  | 11,038               | 20.4     |
| Yuma <sup>b</sup>       | 13,613     | 13,897  | 8,499   | 1,729   | -284                 | -2.0     |
| State                   | 1,035,791  | 939,629 | 799,024 | 539,700 | 96,162               | 10.2     |

\*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>j</sup>Part of San Miguel county was annexed to Ouray county in 1917.

**DISTRIBUTION OF POPULATION AND PER CAPITA STATISTICS**

(Based on the U. S. Census Bureau Population Report for 1930)

| COUNTY           | Popula-<br>tion | Area<br>Square<br>Miles | Popula-<br>tion per<br>Square<br>Mile | Assessed<br>Valuation<br>per<br>Capita,<br>1930 | Taxes<br>Assessed<br>per<br>Capita,<br>1930 | Bank<br>Deposits<br>per<br>Capita,<br>1930 |
|------------------|-----------------|-------------------------|---------------------------------------|---|---|--|
| Adams .....      | 20,245          | 1,262                   | 16.0                                  | \$1,588.89                                      | \$39.06                                     | \$ 63.70                                   |
| Alamosa .....    | 8,602           | 727                     | 11.8                                  | 1,162.20  | 42.40                                       | 21.72                                      |
| Arapahoe .....   | 22,647          | 842                     | 26.9                                  | 1,038.40  | 32.65                                       | 90.93                                      |
| Archuleta .....  | 3,204           | 1,220                   | 2.6                                   | 1,459.42  | 37.98                                       | 63.03                                      |
| Baca .....       | 10,570          | 2,552                   | 4.1                                   | 1,266.77  | 35.57                                       | 69.24                                      |
| Bent .....       | 9,134           | 1,524                   | 6.0                                   | 1,504.44  | 37.19                                       | 116.04                                     |
| Boulder .....    | 32,456          | 764                     | 42.5                                  | 1,443.89  | 44.02                                       | 229.98                                     |
| Chaffee .....    | 8,126           | 1,083                   | 7.5                                   | 1,179.26  | 40.28                                       | 228.69                                     |
| Cheyenne .....   | 3,723           | 1,777                   | 2.1                                   | 3,703.83  | 68.25                                       | 71.92                                      |
| Clear Creek..... | 2,155           | 390                     | 5.5                                   | 2,514.86  | 72.30                                       | 207.87                                     |
| Conejos .....    | 9,803           | 1,252                   | 7.8                                   | 947.81  | 33.33                                       | 673.95                                     |
| Costilla .....   | 5,779           | 1,185                   | 4.9                                   | 919.31  | 34.37                                       | 34.56                                      |
| Crowley .....    | 5,934           | 808                     | 7.3                                   | 1,713.82  | 47.78                                       | 109.51                                     |
| Custer .....     | 2,124           | 747                     | 2.8                                   | 1,438.72  | 40.43                                       | 110.07                                     |
| Delta .....      | 14,204          | 1,201                   | 11.8                                  | 1,061.62  | 42.72                                       | 134.25                                     |
| Denver .....     | 287,861         | 58                      | 4,963.2                               | 1,592.05  | 51.60                                       | 237.32                                     |
| Dolores .....    | 1,412           | 1,030                   | 1.4                                   | 1,292.57  | 50.00                                       | .....                                      |
| Douglas .....    | 3,498           | 845                     | 4.1                                   | 3,282.21  | 63.40                                       | 154.61                                     |
| Eagle .....      | 3,924           | 1,620                   | 2.4                                   | 1,828.90  | 55.26                                       | 116.88                                     |
| Elbert .....     | 6,580           | 1,857                   | 3.5                                   | 2,691.27  | 56.74                                       | 140.40                                     |
| El Paso .....    | 49,570          | 2,121                   | 23.4                                  | 1,524.78  | 53.21                                       | 397.92                                     |
| Fremont .....    | 18,896          | 1,557                   | 12.1                                  | 1,237.20  | 39.97                                       | 225.36                                     |
| Garfield .....   | 9,975           | 3,107                   | 3.2                                   | 1,811.38  | 68.52                                       | 273.38                                     |
| Gilpin .....     | 1,212           | 132                     | 9.2                                   | 2,374.39  | 71.77                                       | 208.92                                     |
| Grand .....      | 2,108           | 1,866                   | 1.1                                   | 2,759.18  | 64.60                                       | 209.10                                     |
| Gunnison .....   | 5,527           | 3,179                   | 1.7                                   | 2,879.90  | 71.94                                       | 298.28                                     |
| Hinsdale .....   | 449             | 971                     | 0.5                                   | 2,240.22  | 105.08                                      | .....                                      |
| Huerfano .....   | 17,062          | 1,500                   | 11.4                                  | 973.27  | 34.69                                       | 149.64                                     |
| Jackson .....    | 1,386           | 1,632                   | 0.8                                   | 2,816.56  | 45.74                                       | .....                                      |
| Jefferson .....  | 21,810          | 808                     | 27.0                                  | 1,274.50  | 36.65                                       | 62.92                                      |
| Kiowa .....      | 3,786           | 1,798                   | 2.1                                   | 3,491.83  | 59.79                                       | 100.04                                     |
| Kit Carson.....  | 9,725           | 2,159                   | 4.5                                   | 2,189.81  | 57.17                                       | 93.67                                      |
| Lake .....       | 4,899           | 371                     | 13.2                                  | 1,552.12  | 57.19                                       | 239.60                                     |
| La Plata .....   | 12,975          | 1,851                   | 7.0                                   | 1,194.70  | 41.23                                       | 199.33                                     |
| Larimer .....    | 33,137          | 2,629                   | 12.6                                  | 1,614.06  | 50.15                                       | 187.57                                     |
| Las Animas.....  | 36,008          | 4,809                   | 7.5                                   | 1,165.17  | 39.30                                       | 212.00                                     |
| Lincoln .....    | 7,850           | 2,570                   | 3.1                                   | 2,599.49  | 64.17                                       | 102.02                                     |
| Logan .....      | 19,946          | 1,822                   | 10.9                                  | 1,850.79  | 53.96                                       | 116.50                                     |
| Mesa .....       | 25,908          | 3,163                   | 8.2                                   | 1,166.65  | 39.70                                       | 158.66                                     |
| Mineral .....    | 640             | 866                     | 0.7                                   | 2,446.31  | 54.84                                       | .....                                      |
| Moffat .....     | 4,861           | 4,658                   | 1.0                                   | 1,515.11  | 51.49                                       | 128.58                                     |
| Montezuma .....  | 7,798           | 2,051                   | 3.8                                   | 841.78  | 31.76                                       | 161.84                                     |
| Montrose .....   | 11,742          | 2,264                   | 5.2                                   | 1,048.75  | 41.25                                       | 180.71                                     |
| Morgan .....     | 18,284          | 1,286                   | 14.2                                  | 1,591.62  | 45.33                                       | 163.79                                     |
| Otero .....      | 24,390          | 1,259                   | 19.4                                  | 1,324.34  | 38.86                                       | 113.07                                     |
| Ouray .....      | 1,784           | 519                     | 3.4                                   | 2,290.38  | 74.77                                       | 171.41                                     |
| Park .....       | 2,052           | 2,242                   | 0.9                                   | 4,339.42  | 71.65                                       | 109.70                                     |
| Phillips .....   | 5,797           | 688                     | 8.4                                   | 2,662.74  | 54.74                                       | 215.82                                     |
| Pitkin .....     | 1,770           | 1,019                   | 1.7                                   | 2,224.95  | 78.27                                       | 210.58                                     |
| Prowers .....    | 14,762          | 1,630                   | 9.1                                   | 1,487.75  | 44.60                                       | 120.69                                     |
| Pueblo .....     | 66,038          | 2,433                   | 27.1                                  | 1,233.38  | 47.25                                       | 398.04                                     |
| Rio Blanco.....  | 2,980           | 3,223                   | 0.9                                   | 1,999.39  | 54.31                                       | 239.08                                     |
| Rio Grande.....  | 9,953           | 898                     | 11.1                                  | 1,099.36  | 44.72                                       | 189.47                                     |
| Routt .....      | 9,352           | 2,309                   | 4.1                                   | 1,701.02  | 50.30                                       | 105.86                                     |
| Saguache .....   | 6,250           | 3,133                   | 2.0                                   | 1,836.46  | 48.48                                       | 129.25                                     |
| San Juan.....    | 1,935           | 453                     | 4.3                                   | 1,777.81  | 50.51                                       | 266.22                                     |
| San Miguel ..... | 2,184           | 1,301                   | 1.7                                   | 2,490.53  | 88.95                                       | .....                                      |
| Sedgwick .....   | 5,580           | 531                     | 10.5                                  | 2,379.51  | 70.76                                       | 115.76                                     |
| Summit .....     | 987             | 649                     | 1.5                                   | 4,700.25  | 120.27                                      | 115.19                                     |
| Teller .....     | 4,141           | 547                     | 7.6                                   | 1,370.34  | 56.74                                       | 449.32                                     |
| Washington ..... | 9,591           | 2,521                   | 3.8                                   | 1,798.05  | 48.02                                       | 56.26                                      |
| Weld .....       | 65,097          | 4,022                   | 16.2                                  | 1,616.09  | 49.82                                       | 151.20                                     |
| Yuma .....       | 13,613          | 2,367                   | 5.8                                   | 1,840.80  | 48.83                                       | 135.44                                     |
| State.....       | 1,035,791       | 103,658                 | 10.0                                  | \$1,538.34                                      | \$47.95                                     | \$202.74                                   |



## COLORADO COUNTIES AND COUNTY SEATS

| COUNTY           | County Seat           | Railway<br>Dist'ce from<br>Denver,<br>Miles | Population of County Seat |                |                |
|------------------|-----------------------|---|---------------------------|----------------|----------------|
|                  |                       |   | Census<br>1930            | Census<br>1920 | Census<br>1910 |
| Adams.....       | Brighton .....        | 19  | 3,394                     | 2,715          | 850            |
| Alamosa.....     | Alamosa .....         | 251   | 5,107                     | 3,171          | 3,012          |
| Arapahoe.....    | Littleton .....       | 10  | 2,019                     | 1,636          | 1,373          |
| Archuleta.....   | Pagosa Springs.....   | 421   | 804                       | 1,032          | 669            |
| Baca.....        | Springfield† .....    | 285   | 1,393                     | 295            | .....          |
| Bent.....        | Las Animas.....       | 202   | 2,517                     | 2,252          | 2,008          |
| Boulder.....     | Boulder .....         | 30  | 11,223                    | 11,006         | 9,539          |
| Chaffee.....     | Salida .....          | 215   | 5,065                     | 4,689          | 4,425          |
| Cheyenne.....    | Cheyenne Wells.....   | 177   | 595                       | 508            | 270            |
| Clear Creek..... | Georgetown .....      | 50  | 303                       | 703            | 950            |
| Conejos.....     | Conejos .....         | 281   | £                         | 350            | .....          |
| Costilla.....    | San Luis*.....        | 248   | £                         | 550            | .....          |
| Crowley.....     | Ordway .....          | 169   | 1,139                     | 1,186          | 705            |
| Custer.....      | Silver Cliff.....     | 209   | 201                       | 241            | 250            |
| Delta.....       | Delta .....           | 372   | 2,938                     | 2,623          | 2,388          |
| Denver.....      | Denver .....          | ...   | 287,861                   | 256,491        | 213,381        |
| Dolores.....     | Rico .....            | 443   | 447                       | 326            | 368            |
| Douglas.....     | Castle Rock.....      | 32  | 478                       | 461            | 365            |
| Eagle.....       | Eagle .....           | 329   | 341                       | 358            | 186            |
| Elbert.....      | Kiowa* .....          | 46  | 185                       | 148            | .....          |
| El Paso.....     | Colorado Springs..... | 75  | 33,237                    | 30,105         | 29,078         |
| Fremont.....     | Canon City.....       | 160   | 5,938                     | †6,386         | 5,162          |
| Garfield.....    | Glenwood Springs..... | 360   | 1,825                     | 2,073          | 2,019          |
| Gilpin.....      | Central City.....     | 45  | 572                       | 552            | 1,782          |
| Grand.....       | Hot Sulphur Springs.. | 86°   | 142                       | 123            | 182            |
| Gunnison.....    | Gunnison .....        | 288   | 1,415                     | 1,329          | 1,026          |
| Hinsdale.....    | Lake City.....        | 351   | 259                       | 317            | 405            |
| Huerfano.....    | Walsenburg .....      | 171   | 5,503                     | 3,565          | 2,323          |
| Jackson.....     | Walden .....          | 256   | 284                       | 260            | 162            |
| Jefferson.....   | Golden .....          | 16  | 2,426                     | 2,135          | 2,477          |
| Kiowa.....       | Eads .....            | 230   | 518                       | 406            | .....          |
| Kit Carson.....  | Burlington .....      | 167   | 1,280                     | 991            | 368            |
| Lake.....        | Leadville .....       | 276   | 3,771                     | 4,959          | 1,508          |
| La Plata.....    | Durango .....         | 451   | 5,400                     | 4,116          | 4,686          |
| Larimer.....     | Fort Collins.....     | 68  | 11,489                    | 8,755          | 8,210          |
| Las Animas.....  | Trinidad .....        | 212   | 11,732                    | 10,906         | 10,204         |
| Lincoln.....     | Hugo .....            | 104   | 712                       | 838            | 343            |
| Logan.....       | Sterling .....        | 123   | 7,195                     | 6,415          | 3,044          |
| Mesa.....        | Grand Junction.....   | 424   | 10,247                    | 8,665          | 7,754          |
| Mineral.....     | Creede .....          | 321   | 384                       | 500            | 741            |
| Moffat.....      | Craig .....           | 232°  | 1,418                     | 1,297          | 392            |
| Montezuma.....   | Cortez .....          | 506   | 921                       | 541            | 565            |
| Montrose.....    | Montrose .....        | 351   | 3,566                     | 3,581          | 3,254          |
| Morgan.....      | Fort Morgan.....      | 78  | 4,423                     | 3,818          | 2,800          |
| Otero.....       | La Junta.....         | 183   | 7,193                     | 4,964          | 4,154          |
| Ouray.....       | Ouray .....           | 387   | 707                       | 1,165          | 1,644          |
| Park.....        | Fairplay .....        | 115   | 221                       | 183            | 265            |
| Phillips.....    | Holyoke .....         | 173   | 1,226                     | 1,205          | 659            |
| Pitkin.....      | Aspen .....           | 401   | 705                       | 1,265          | 1,834          |
| Prowers.....     | Lamar .....           | 235   | 4,233                     | 2,512          | 2,977          |
| Pueblo.....      | Pueblo .....          | 119   | 50,096                    | 43,050         | 44,395         |
| Rio Blanco.....  | Meeker* .....         | 295   | 1,069                     | 935            | 807            |
| Rio Grande.....  | Del Norte.....        | 283   | 1,410                     | 1,007          | 840            |
| Routt.....       | Steamboat Springs.... | 177°  | 1,198                     | 1,249          | 1,227          |
| Saguache.....    | Saguache* .....       | 265   | 1,010                     | 948            | 620            |
| San Juan.....    | Silverton .....       | 497   | 1,301                     | 1,150          | 2,153          |
| San Miguel.....  | Telluride .....       | 422   | 512                       | 1,618          | 1,756          |
| Sedgwick.....    | Julesburg .....       | 197   | 1,467                     | 1,320          | 962            |
| Summit.....      | Breckenridge .....    | 110   | 436                       | 796            | 834            |
| Teller.....      | Cripple Creek.....    | 132   | 1,427                     | 2,325          | 6,206          |
| Washington....   | Akron .....           | 112   | 1,135                     | 1,401          | 647            |
| Weld.....        | Greeley .....         | 52  | 12,203                    | 10,958         | 8,179          |
| Yuma.....        | Wray .....            | 165   | 1,785                     | 1,538          | 1,000          |

\* Not directly on railroad. † Greater Canon City. ‡ Via Lamar. Does not have direct rail communication with Denver. ° Via Moffat tunnel. £ Not incorporated.

OUTSTANDING COUNTY, SCHOOL DISTRICT AND MUNICIPAL BONDS, BY COUNTIES,  
JANUARY 1, 1931.

| COUNTY           | County<br>General | County<br>School | School<br>District | Municipal    |              | Total<br>Municipal | County<br>Total |
|------------------|-------------------|------------------|--------------------|--------------|--------------|--------------------|-----------------|
|                  |                   |                  |                    | General      | Special      |                    |                 |
| Adams-----       |                   |                  | \$ 522,100         | \$ 492,400   | \$ 308,000   | \$ 800,400         | \$ 1,322,500    |
| Alamosa-----     | \$ 46,000         |                  | 258,040            | 216,500      | 185,000      | 401,500            | 705,540         |
| Arapahoe-----    |                   |                  | 526,500            | 186,000      | 731,500      | 917,500            | 1,444,000       |
| Archuleta-----   |                   |                  | 89,200             | 17,500       |              | 17,500             | 106,700         |
| Baca-----        | 19,000            |                  | 201,650            | 138,000      | 72,000       | 210,000            | 430,650         |
| Bent-----        |                   | \$ 12,000        | 67,300             |              | 88,750       | 88,750             | 168,050         |
| Boulder-----     |                   |                  | 599,600            | 768,000      | 619,200      | 1,387,200          | 1,986,800       |
| Chaffee-----     | 120,000           |                  | 112,000            | 145,000      | 6,100        | 151,100            | 383,100         |
| Cheyenne-----    |                   | 100,000          | 156,500            | 82,000       |              | 82,000             | 338,500         |
| Clear Creek----- |                   |                  |                    | 22,500       |              | 22,500             | 22,500          |
| Conejos-----     | 16,500            |                  | 245,530            | 102,200      |              | 102,200            | 364,230         |
| Costilla-----    |                   |                  | 91,800             |              |              |                    | 91,800          |
| Crowley-----     |                   |                  | 408,000            | 86,000       | 3,000        | 89,000             | 497,000         |
| Custer-----      |                   | 21,000           | 8,500              |              |              |                    | 29,500          |
| Delta-----       | 10,000            |                  | 311,000            | 470,500      | 40,100       | 510,600            | 831,600         |
| Denver-----      |                   |                  | 9,788,500          | 21,415,770   | 9,801,200    | 31,216,970         | 41,005,470      |
| Dolores-----     | 80,000            |                  | 19,000             | 500          |              | 500                | 99,500          |
| Douglas-----     |                   |                  | 31,500             | 69,000       |              | 69,000             | 100,500         |
| Eagle-----       |                   |                  | 34,500             | 40,000       |              | 40,000             | 74,500          |
| Elbert-----      |                   |                  | 130,800            | 47,300       |              | 47,300             | 178,100         |
| El Paso-----     |                   |                  | 1,626,000          | 3,712,500    | 409,300      | 4,121,800          | 5,747,800       |
| Fremont-----     |                   |                  | 607,400            | 693,000      | 315,100      | 1,008,100          | 1,615,500       |
| Garfield-----    | 191,500           | 22,000           | 394,850            | 422,000      | 76,000       | 498,000            | 1,106,350       |
| Gilpin-----      |                   |                  |                    | 77,500       |              | 77,500             | 77,500          |
| Grand-----       |                   |                  | 20,000             | 38,000       |              | 38,000             | 58,000          |
| Gunnison-----    | 144,000           | 150,000          | 241,000            | 153,100      | 29,500       | 182,600            | 717,600         |
| Hinsdale-----    | 118,000           |                  |                    | 12,000       |              | 12,000             | 130,000         |
| Huerfano-----    |                   | 47,610           | 76,705             | 432,500      | 278,000      | 710,500            | 834,815         |
| Jackson-----     | 7,000             | 20,000           |                    | 28,000       |              | 28,000             | 65,000          |
| Jefferson-----   |                   |                  | 532,600            | 398,500      | 241,170      | 639,670            | 1,172,270       |
| Kiowa-----       |                   |                  | 156,800            | 69,000       |              | 69,000             | 225,800         |
| Kit Carson-----  |                   |                  | 337,600            | 350,000      | 49,300       | 399,300            | 736,900         |
| Lake-----        |                   |                  |                    | 30,000       |              | 30,000             | 30,000          |
| La Plata-----    | 58,000            |                  | 249,800            | 545,500      | 168,600      | 714,100            | 1,021,900       |
| Larimer-----     | 175,000           |                  | 1,011,000          | 2,224,500    | 658,100      | 2,882,600          | 4,068,600       |
| Las Animas-----  |                   |                  | 417,000            | 1,236,000    | 704,500      | 1,940,500          | 2,357,500       |
| Lincoln-----     | 90,000            |                  | 249,700            | 95,200       | 25,600       | 120,800            | 460,500         |
| Logan-----       | 12,000            | 57,000           | 536,300            | 940,200      | 234,500      | 1,174,700          | 1,780,000       |
| Mesa-----        | 150,000           |                  | 763,550            | 906,950      | 568,800      | 1,475,750          | 2,389,300       |
| Mineral-----     |                   |                  |                    | 13,000       |              | 13,000             | 13,000          |
| Moffat-----      | 28,000            |                  | 77,300             | 59,500       |              | 59,500             | 164,800         |
| Montezuma-----   |                   |                  | 107,300            | 109,000      | 43,000       | 152,000            | 259,300         |
| Montrose-----    | 140,940           | 36,000           | 180,250            | 289,500      | 23,130       | 312,630            | 669,820         |
| Morgan-----      |                   |                  | 746,000            | 404,000      | 279,000      | 683,000            | 1,429,000       |
| Otero-----       |                   |                  | 590,900            | 1,004,900    | 74,060       | 1,078,960          | 1,669,860       |
| Ouray-----       | 60,000            |                  | 10,700             | 10,000       |              | 10,000             | 80,700          |
| Park-----        |                   |                  | 24,500             |              |              |                    | 24,500          |
| Phillips-----    | 28,000            | 60,000           | 218,300            | 294,000      | 15,000       | 309,000            | 615,300         |
| Pitkin-----      | 120,000           |                  |                    | 70,970       |              | 70,970             | 190,970         |
| Prowers-----     |                   |                  | 470,200            | 927,100      | 146,000      | 1,073,100          | 1,543,300       |
| Pueblo-----      |                   |                  | 1,602,000          | 500,000      | 3,370,300    | 3,870,300          | 5,472,300       |
| Rio Blanco-----  |                   | 75,000           | 46,800             | 154,000      |              | 154,000            | 275,800         |
| Rio Grande-----  |                   | 101,480          | 345,965            | 97,500       | 26,000       | 123,500            | 570,945         |
| Routt-----       | 94,000            |                  | 241,600            | 184,250      | 34,950       | 219,200            | 554,800         |
| Saguache-----    |                   |                  | 280,000            | 51,000       | 8,650        | 59,650             | 339,650         |
| San Juan-----    | 44,000            |                  | 40,000             |              |              |                    | 84,000          |
| San Miguel-----  | 45,000            |                  | 37,300             |              |              |                    | 82,300          |
| Sedgwick-----    |                   | 213,000          | 240,200            | 231,000      | 7,500        | 238,500            | 691,700         |
| Summit-----      |                   |                  | 35,000             | 32,000       |              | 32,000             | 67,000          |
| Teller-----      |                   |                  |                    | 330,200      |              | 330,200            | 330,200         |
| Washington-----  |                   |                  | 228,600            | 134,000      | 23,000       | 157,000            | 385,600         |
| Weld-----        |                   |                  | 2,637,800          | 1,075,500    | 246,780      | 1,322,280          | 3,960,080       |
| Yuma-----        |                   |                  | 415,300            | 261,500      | 41,000       | 302,500            | 717,800         |
| State-----       | \$1,796,940       | \$ 915,090       | \$29,398,340       | \$42,896,540 | \$19,951,690 | \$62,848,230       | \$94,958,600    |

NOTE—In addition to the above total, state bonds outstanding on January 1, 1931, totaled \$8,864,700, compared with \$9,765,300 on January 1, 1930. There is also outstanding against the counties in the Moffat Tunnel district bonds in the amount of \$15,470,000. This table does not include bonds issued by municipal irrigation and drainage districts, nor does it make allowance for reserves or sinking funds for bond retirement. The amount actually outstanding is shown, and in many cases is offset to some degree by sinking funds.

The totals include the following issues requiring explanation: Brush, \$96,800 assumed by the Public Service Company; Cheyenne Wells, \$41,500 assumed by the Inland Utilities Company. General obligation bonds payable only from light and power plant revenues are included as follows: Colorado Springs, \$533,000; Haxton, \$15,000; Loveland, \$140,000. Owing to lack of current data, approximately \$70,000 issued by the town of Holly but assumed by the Inland Utilities Company is not included in this table. The above total compares with \$96,011,500 on January 1, 1930.





# Location and Altitudes of Colorado Mountains

| Name                   | County                    | Elevation,<br>Feet | Name                 | County                  | Elevation,<br>Feet |
|------------------------|---------------------------|--------------------|----------------------|-------------------------|--------------------|
| Achonee Mountain       | Grand                     | 12,656             | Crystal Peak         | Hinsdale                | 12,927             |
| Adams Mountain         | Grand                     | 12,115             | Culebra Peak         | Costilla-Las Animas     | 14,069             |
| Aetna Mountain         | Chaffee                   | 13,800             | Cumulus Mountain     | Grand                   | 12,724             |
| Albion Mountain        | Boulder                   | 12,596             |                      |                         |                    |
| Alpine Peak            | Clear Creek               | 11,525             | Dakota Hill          | Gilpin                  | 10,930             |
| Alps Mountain          | Clear Creek               | 10,508             | Del Norte Peak       | Rio Grande              | 12,378             |
| Anchor Mountain        | Dolores                   | 12,325             | Democrat Mountain    | Park-Lake               | 14,000             |
| Andrews Peak           | Grand                     | 12,564             | Dickenson Mountain   | Larimer                 | 11,874             |
| Antero, Mount          | Chaffee                   | 14,245             | Double Top Mountain  | Gunnison                | 12,192             |
| Apache Peak            | Boulder-Grand             | 12,873             |                      |                         | 12,178             |
| Apiatan Mountain       | Grand                     | 10,888             | Dump Mountain        | Costilla                | 10,310             |
| Arapahoe Peak          | Boulder-Grand             | 13,506             | Dunraven Mountain    | Larimer                 | 12,548             |
| Arkansas Mountain      | Lake                      | 13,797             |                      |                         |                    |
| Arrow Peak             | San Juan                  | 13,803             | Eagle Peak           | Dolores                 | 12,105             |
| Arthur Mountain        | El Paso                   | 10,805             | Echo Mountain        | La Plata                | 13,305             |
| Audubon Mountain       | Boulder                   | 13,223             | Elbert Mountain*     | Lake                    | 14,402             |
| Augusta Mountain       | Gunnison                  | 12,615             | Electric Peak        | Grand                   | 11,943             |
| Avery Peak             | Gunnison                  | 12,652             | Elephant Mountain    | Rio Grande              | 11,790             |
| Axtel Mountain         | Gunnison                  | 12,013             | Elk Mountain         | Mineral                 | 11,030             |
|                        |                           |                    | Elk Mountain         | Eagle-Summit            | 12,718             |
| Baker Mountain         | Grand                     | 12,406             | Elliott Mountain     | Dolores                 | 12,337             |
| Bald Mountain          | Boulder                   | 11,470             | Emerson Mountain     | La Plata                | 13,147             |
| Bald Mountain          | Summit                    | 13,964             | Emmons Mountain      | Gunnison                | 12,414             |
| Bald Mountain          | Teller                    | 12,365             | Engineer Mountain    | Hinsdale-Ouray-San Juan | 13,190             |
| Baldy Mountain         | Gunnison                  | 12,809             |                      |                         |                    |
| Baldy Peak             | Ouray                     | 10,615             | Engineer Mountain    | San Juan                | 12,972             |
| Banded Peak            | Archuleta                 | 12,376             | Eolus Mountain       | La Plata                | 14,079             |
| Baxter Mountain        | Costilla                  | 10,629             | Estes Cone           | Larimer                 | 11,017             |
| Bear Mountain          | San Juan                  | 12,950             | Ethel Mountain       | Routt-Jackson           | 11,940             |
| Beautiful Mountain     | Mineral                   | 12,746             | Evans Mountain       | Park-Lake               | 13,580             |
| Beckwith Mountain      | Gunnison                  | 12,371             | Evans Mountain       | Clear Creek             | 14,260             |
| Bellevue               | Rio Grande                | 12,727             | Expectation Mountain | Dolores                 | 12,071             |
| Bierstadt Mountain     | Clear Creek               | 14,046             |                      |                         |                    |
| Big Bull Mountain      | Teller                    | 10,826             | Fairchild Mountain   | Larimer                 | 13,502             |
| Big Chief Mountain     | Teller                    | 11,220             | Fisher Mountain      | Mineral                 | 12,855             |
| Bison Peak             | Park                      | 12,400             | Fisher Mountain      | Grand                   | 12,280             |
| Blackhawk Peak         | Gilpin                    | 10,323             | Fletcher Mountain    | Summit                  | 13,917             |
| Blackhawk Peak         | Dolores                   | 12,687             | Flora Mountain       | Clear Creek-Grand       | 13,122             |
| Blanca Peak            | Costilla-Huerfano-Alamosa | 14,390             | Florida Mountain     | La Plata                | 13,076             |
| Bowen Mountain         | Grand                     | 12,541             | Fox Mountain         | Mineral                 | 11,520             |
| Bross Mountain         | Park                      | 14,163             | Freeman Peak         | Jefferson               | 11,627             |
| Buck Mountain          | Routt-Jackson             | 11,375             |                      |                         |                    |
| Buckeye Peak           | Lake                      | 12,863             | Garfield Mountain    | El Paso                 | 10,925             |
| Buckskin Mountain      | Costilla                  | 10,512             | Garfield Mountain    | San Juan                | 13,065             |
| Buffalo Peak           | Summit                    | 13,541             | Garfield Peak        | Gunnison                | 12,136             |
|                        |                           |                    | Gilpin Peak          | Ouray-San Miguel        | 13,682             |
| Calico Peak            | Dolores                   | 12,035             |                      |                         |                    |
| Cameron Cone           | El Paso                   | 10,705             | Glacier Peak         | Summit                  | 12,654             |
| Cameron Mountain       | Park                      | 14,233             | Gothic Mountain      | Gunnison                | 12,646             |
| Capitol Mountain       | Pitkin                    | 13,997             | Grant Peak           | San Juan-San Miguel     | 13,692             |
| Cascade Mountain       | Gunnison                  | 11,707             |                      |                         |                    |
| Cascade Mountain       | Grand                     | 12,320             | Gray Head            | San Miguel              | 10,994             |
| Castle Peak            | Gunnison-Pitkin           | 14,259             | Grayback Mountain    | Costilla                | 10,575             |
| Cement Mountain        | Gunnison                  | 12,212             | Grayrock Peak        | San Juan                | 12,488             |
| Chama Peak             | Archuleta                 | 12,027             | Grays Peak           | Clear Creek-Summit      | 14,274             |
| Chapin Mountain        | Larimer                   | 13,052             |                      |                         |                    |
| Chicago Peak           | Huerfano-Costilla         | 10,960             | Graystone Peak       | San Juan                | 13,489             |
| Chief Mountain         | Clear Creek               | 11,710             | Greenhorn Mountain   | Huerfano-Pueblo         | 12,334             |
| Chimney Peak           | Hinsdale-Ouray            | 11,785             | Green Mountain       | Jefferson               | 10,580             |
| Chiquita Mountain      | Larimer                   | 12,458             | Greylock Mountain    | La Plata                | 13,571             |
| Cinnamon Mountain      | Gunnison                  | 12,270             | Grizzly Mountain     | Pitkin-Chaffee          | 14,020             |
| Cirrus Mountain        | Grand                     | 12,804             | Grizzly Peak         | La Plata                | 13,695             |
| Clarence King Mountain | Boulder                   | 13,176             | Grizzly Peak         | Dolores-San Juan        | 13,733             |
| Clover Mountain        | Chaffee                   | 13,000             |                      |                         |                    |
| Colorado Mountain      | Gilpin                    | 10,884             | Hague Peak           | Larimer                 | 13,562             |
| Columbia Peak          | Clear Creek               | 14,030             | Hale Mountain        | Grand                   | 11,747             |
| Comanche Peak          | Boulder                   | 13,491             | Hallet Peak          | Grand-Larimer           | 12,723             |
| Cone Mountain          | Clear Creek               | 12,230             | Handies Peak         | Hinsdale                | 14,098             |
| Conejos Peak           | Conejos                   | 13,180             | Harvard, Mount       | Chaffee                 | 14,375             |
| Copper Mountain        | Summit                    | 12,475             | Helmet Peak          | Montezuma               | 11,976             |
| Copper Mountain        | Teller                    | 10,226             | Hermosa Mountain     | Dolores-San Juan        | 12,574             |
| Courthouse Mountain    | Hinsdale-Ouray            | 12,165             | Hesperus Peak        | Montezuma               | 13,225             |
| Cover Mountain         | Park                      | 10,165             | Holy Cross Mountain  | Eagle                   | 13,978             |
| Coxcomb Peak           | Hinsdale-Ouray            | 13,663             | Homestake Peak       | Eagle                   | 13,217             |
| Craig Mountain         | Grand                     | 12,005             |                      |                         |                    |
| Crested Butte          | Gunnison                  | 12,172             |                      |                         |                    |
| Crestone Needle        | Custer-Saguache           | 14,130             |                      |                         |                    |
| Crestone Peak          | Saguache                  | 14,233             |                      |                         |                    |

\* Previous figure of 14,420 revised by the U. S. Geological Survey.



| Name                    | County          | Elevation,<br>Feet |
|-------------------------|-----------------|--------------------|
| Hope Mountain-----      | Mineral         | 12,841             |
| Horseshoe Mountain----- | Park-Lake       | 13,902             |
| Howard Mountain-----    | Grand           | 12,814             |
| Humboldt Peak-----      | Custer-Saguache | 14,044             |
| Hunchback Mountain----- | San Juan        | 13,133             |
| Ida Mountain-----       | Grand-Larimer   | 12,868             |
| Irving Peak-----        | La Plata        | 13,210             |

|                           |                              |        |
|---------------------------|------------------------------|--------|
| Jacque Mountain-----      | Summit                       | 13,235 |
| Jacque Peak-----          | Summit                       | 13,205 |
| Jugged Mountain-----      | San Juan                     | 13,829 |
| James Peak-----           | Clear Creek-<br>Grand-Gilpin | 13,260 |
| Johnny Bull Mountain----- | Dolores                      | 12,018 |
| Jura Knob-----            | San Juan                     | 12,617 |

|                        |                        |        |
|------------------------|------------------------|--------|
| Kendall-----           | San Juan               | 13,480 |
| Kingston Peak-----     | Clear Creek-<br>Gilpin | 12,137 |
| Kit Carson Peak-----   | Saguache-Custer        | 14,100 |
| Klondike Mountain----- | Boulder                | 10,802 |

|                       |                       |        |
|-----------------------|-----------------------|--------|
| La Garita-----        | Mineral-Saguache      | 13,725 |
| La Plata Peak-----    | Chaffee               | 14,332 |
| Lead Mountain-----    | Grand                 | 12,532 |
| Leviathan Peak-----   | San Juan              | 13,528 |
| Lillie-----           | Larimer               | 11,384 |
| Lincoln Mountain----- | Park                  | 14,287 |
| Lizard Head-----      | Dolores-San<br>Miguel | 13,156 |

|                      |                        |        |
|----------------------|------------------------|--------|
| London Mountain----- | Park                   | 13,161 |
| Lone Cone-----       | San Miguel-<br>Dolores | 12,761 |

|                       |                         |        |
|-----------------------|-------------------------|--------|
| Lonesome Peak-----    | Grand                   | 10,588 |
| Longs Peak-----       | Boulder                 | 14,255 |
| Lookout Mountain----- | Grand                   | 10,155 |
| Lookout Mountain----- | Larimer                 | 10,633 |
| Lookout Peak-----     | San Juan-<br>San Miguel | 13,674 |
| Lulu Mountain-----    | Grand                   | 11,720 |

|                        |                        |        |
|------------------------|------------------------|--------|
| McCauley Peak-----     | La Plata               | 13,551 |
| McGregor Mountain----- | Larimer                | 10,482 |
| Madden Peak-----       | Montezuma-<br>La Plata | 11,980 |

|                             |                        |        |
|-----------------------------|------------------------|--------|
| Mahana Peak-----            | Boulder                | 12,629 |
| Marcellina Mountain-----    | Gunnison               | 11,349 |
| Maroon Peak-----            | Pitkin                 | 14,126 |
| Martha Washington Mtn.----- | Larimer                | 13,269 |
| Massive, Mount*-----        | Lake                   | 14,402 |
| Matterhorn Peak-----        | Hinsdale               | 13,589 |
| McClellan, Mount.-----      | Clear Creek-<br>Summit | 13,423 |

|                      |           |        |
|----------------------|-----------|--------|
| Meadow Mountain----- | Boulder   | 11,634 |
| Meeker Mountain----- | Boulder   | 13,911 |
| Metroz Mountain----- | Mineral   | 11,900 |
| Mineral Hill-----    | Summit    | 10,885 |
| Mineral Point-----   | Gunnison  | 12,541 |
| Missouri Hill-----   | Chaffee   | 12,700 |
| Monitor Peak-----    | La Plata  | 13,703 |
| Monument Hill-----   | La Plata  | 10,830 |
| Monument Peak-----   | Mineral   | 10,641 |
| Mosquito Peak-----   | Park-Lake | 13,784 |
| Mummy Mountain-----  | Larimer   | 13,413 |

|                         |               |        |
|-------------------------|---------------|--------|
| Naki Peak-----          | Grand         | 12,221 |
| Navajo Peak-----        | Boulder-Grand | 13,406 |
| Nebo Mountain-----      | San Juan      | 13,192 |
| Nebraska Hill-----      | Gilpin        | 11,548 |
| Nigger Hill-----        | Summit        | 10,171 |
| Nimbus Mountain-----    | Grand         | 12,730 |
| Nipple Mountain-----    | Fremont       | 10,068 |
| North Italian Mtn.----- | Gunnison      | 13,225 |
| North Maroon-----       | Pitkin        | 14,000 |

|                         |                   |        |
|-------------------------|-------------------|--------|
| Ohio Peak-----          | Gunnison          | 12,251 |
| Old Baldy-----          | Costilla-Huerfano | 14,176 |
| Old Baldy Mountain----- | Rio Grande        | 12,602 |

| Name                | County        | Elevation,<br>Feet |
|---------------------|---------------|--------------------|
| Oregon Hill-----    | Gilpin        | 10,884             |
| Orton Mountain----- | Boulder       | 11,662             |
| Oso Mountain-----   | La Plata      | 13,706             |
| Otis Peak-----      | Grand-Larimer | 12,478             |
| Ouray, Mount.-----  | Chaffee       | 13,956             |
| Overlook Point----- | La Plata      | 12,995             |
| Owen Mountain-----  | Gunnison      | 13,102             |

|                     |                        |        |
|---------------------|------------------------|--------|
| Park Mountain-----  | Costilla               | 10,396 |
| Parrot Peak-----    | La Plata               | 11,876 |
| Parry Peak-----     | Clear Creek-<br>Grand  | 13,345 |
| Pearl Mountain----- | Gunnison               | 13,484 |
| Peeler Peak-----    | Gunnison               | 12,219 |
| Pigeon Peak-----    | La Plata               | 13,961 |
| Pikes Peak-----     | El Paso                | 14,110 |
| Pilot Knob-----     | San Juan-San<br>Miguel | 13,750 |

|                          |                        |                  |
|--------------------------|------------------------|------------------|
| Pisgah Mountain-----     | Clear Creek-<br>Gilpin | 10,085           |
| Pole Creek Mountain----- | Hinsdale               | 13,740           |
| Pool Table Mountain----- | Mineral                | 12,142           |
| Porphyry Peaks-----      | Grand                  | 11,155<br>11,355 |

|                        |           |        |
|------------------------|-----------|--------|
| Potato Hill-----       | San Juan  | 11,876 |
| Potosi Peak-----       | Ouray     | 13,763 |
| Princeton, Mount.----- | Chaffee   | 14,196 |
| Prospect Mountain----- | Lake      | 12,608 |
| Ptarmigan Hill-----    | Eagle     | 12,174 |
| Ptarmigan Peak-----    | Park-Lake | 13,736 |
| Purple Peak-----       | Gunnison  | 12,989 |
| Pyramid Peak-----      | Pitkin    | 14,000 |

|                    |        |        |
|--------------------|--------|--------|
| Quandary Peak----- | Summit | 14,256 |
|--------------------|--------|--------|

|                          |             |        |
|--------------------------|-------------|--------|
| Red Cloud Peak-----      | Hinsdale    | 14,050 |
| Red Hill-----            | La Plata    | 10,670 |
| Red Mountain-----        | Grand       | 11,505 |
| Republican Mountain----- | Clear Creek | 12,393 |
| Rhyolite Mountain-----   | Teller      | 10,771 |
| Richmond Mountain-----   | Gunnison    | 12,543 |
| Richtofen Mountain-----  | Grand       | 12,953 |
| Rio Grande Pyramid-----  | Hinsdale    | 13,830 |
| Rolling Mountain-----    | San Juan    | 13,694 |
| Rosalie Peak-----        | Park        | 13,575 |
| Rosa Mountain-----       | Teller      | 11,495 |
| Ruby Peak-----           | Gunnison    | 12,749 |
| Rudolph Hill-----        | Gunnison    | 10,130 |

|                            |            |        |
|----------------------------|------------|--------|
| Saddle Mountain-----       | Park       | 10,815 |
| Saddle Mountain-----       | Mineral    | 12,033 |
| St. Vrain Mountain-----    | Boulder    | 12,162 |
| San Bernardo Mountain----- | San Miguel | 11,845 |
| San Luis Mountain-----     | Teller     | 10,490 |
| San Luis Mountain-----     | Saguache   | 14,149 |

|                            |               |        |
|----------------------------|---------------|--------|
| Satanta Peak-----          | Grand         | 11,885 |
| Sawtooth Mountain-----     | Mineral       | 12,590 |
| Sawtooth Mountain-----     | Boulder-Grand | 12,304 |
| Saxon Mountain-----        | Clear Creek   | 11,535 |
| Schuykill Mountain-----    | Gunnison      | 12,188 |
| Shavano Peak-----          | Chaffee       | 14,239 |
| Sheep Mountain-----        | Gunnison      | 13,180 |
| Sheep Mountain-----        | Mineral       | 12,374 |
| Sheep Mountain-----        | Eagle-Summit  | 12,380 |
| Sheep Mountain, North----- | Eagle-Summit  | 12,429 |
| Sheridan Mountain-----     | La Plata      | 12,785 |
| Sherman Mountain-----      | Park          | 14,037 |

|                           |                         |        |
|---------------------------|-------------------------|--------|
| Shoshone Peak-----        | Boulder                 | 13,579 |
| Silex Mountain-----       | San Juan                | 13,627 |
| Silverheels Mountain----- | Park                    | 13,825 |
| Sioux Mountain-----       | Boulder-Grand           | 13,310 |
| Sneffels, Mount.-----     | Ouray                   | 14,158 |
| Snowdon Peak-----         | San Juan                | 13,070 |
| Snowmass Mountain-----    | Pitkin-Gunnison         | 13,970 |
| Sopris, Mount.-----       | Pitkin                  | 12,823 |
| Spanish Peak, West-----   | Huerfano-<br>Las Animas | 13,623 |

|                         |                         |        |
|-------------------------|-------------------------|--------|
| Spanish Peak, East----- | Huerfano-<br>Las Animas | 12,708 |
|-------------------------|-------------------------|--------|

|                        |                   |        |
|------------------------|-------------------|--------|
| Specimen Mountain----- | Grand-Larimer     | 12,482 |
| Star Peak-----         | Gunnison          | 13,562 |
| Stearns Mountain-----  | Huerfano-Costilla | 11,409 |
| Stewart Peak-----      | Saguache          | 14,032 |
| Stoll Mountain-----    | Park              | 10,915 |

\* Previous figure of 14,420 revised by the U. S. Geological Survey.

| Name              | County       | Elevation,<br>Feet |
|-------------------|--------------|--------------------|
| Stones Peak       | Larimer      | 12,928             |
| Stony Mountain    | Ouray        | 12,677             |
| Storm King Peak   | San Juan     | 13,742             |
| Storm Peak        | Larimer      | 13,336             |
| Storm Ridge       | Gunnison     | 11,859             |
| Stormy Peak       | Park         | 11,748             |
| Sugarloaf         | Eagle-Summit | 12,556             |
| Sugarloaf Peak    | Clear Creek  | 12,513             |
| Sugarloaf Rock    | Hinsdale     | 10,831             |
| Sultan Mountain   | San Juan     | 13,336             |
| Summit Peak       | Archuleta    | 13,272             |
| Sunlight Peak     | La Plata     | 14,084             |
| Sunshine Mountain | San Miguel   | 12,945             |
| Sunshine Peak     | Hinsdale     | 14,018             |

|                    |                    |        |
|--------------------|--------------------|--------|
| Tanima Peak        | Boulder-Grand      | 12,417 |
| Tarryall Peak      | Park               | 11,300 |
| Taylor Mountain    | Chaffee            | 13,600 |
| Taylor Peak        | Gunnison           | 13,419 |
| Taylor Peak        | Grand-Larimer      | 13,150 |
| Telescope Mountain | Dolores            | 12,210 |
| Tecolali Mountain  | Gunnison           | 13,220 |
| Terra Tomah Peak   | Larimer            | 12,686 |
| The Guardian       | San Juan           | 13,617 |
| Tilton Mountain    | Gunnison           | 12,633 |
| Torrey Peak        | Clear Creek-Summit | 14,264 |
| Trachyte Mountain  | Teller             | 10,863 |
| Trinchera Mountain | Costilla-Huerfano  | 13,546 |
| Trinity Peak       | San Juan           | 13,752 |
|                    |                    | 13,804 |
|                    |                    | 13,745 |
| Turret Peak        | La Plata           | 13,819 |

| Name             | County              | Elevation,<br>Feet |
|------------------|---------------------|--------------------|
| Twilight Peak    | San Juan            | 13,153             |
| Twin Sisters     | Larimer             | 11,435             |
| Twin Sisters     | San Juan            | 13,438             |
| Uncompahgre Peak | Hinsdale            | 14,306             |
| Union Mountain   | Summit              | 12,336             |
| Vermillion Peak  | San Juan-San Miguel | 13,870             |
| Vestal Peak      | San Juan            | 13,846             |
| Vigil Peak       | El Paso             | 10,075             |

|                      |                |        |
|----------------------|----------------|--------|
| Wasatch Mountain     | San Miguel     | 13,551 |
| West Needle Mountain | San Juan       | 13,050 |
| Wetterhorn Peak      | Hinsdale-Ouray | 14,020 |
| Wheatstone Mountain  | Gunnison       | 12,543 |
| Whitcross Mountain   | Hinsdale       | 13,550 |
| White Dome           | San Juan       | 13,607 |
| Whitehouse Mountain  | Ouray          | 13,496 |
| White Pine Mountain  | Larimer        | 10,250 |
| White Rock Mountain  | Gunnison       | 13,532 |
| Wildhorse Peak       | Ouray          | 13,271 |
| Wilson Mountain      | Dolores        | 14,250 |
| Wilson Peak          | San Miguel     | 14,026 |
| Windom Mountain      | La Plata       | 14,084 |
| Witter Peak          | Clear Creek    | 12,856 |

|                  |         |        |
|------------------|---------|--------|
| Yale, Mount      | Chaffee | 14,187 |
| Ypsilon Mountain | Larimer | 13,507 |

|                 |               |        |
|-----------------|---------------|--------|
| Zirkel Mountain | Jackson-Routt | 11,815 |
|-----------------|---------------|--------|

## Lakes and Reservoirs

| Name             | County     | Altitude |
|------------------|------------|----------|
| Arapahoe         | Gilpin     | 11,165   |
| Antero Res.      | Park       | 8,934    |
| Adams Res.       | Adams      | ---      |
| Adobe Creek Res. | Bent-Kiowa | 4,150    |

|                   |          |        |
|-------------------|----------|--------|
| 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 |
| Blue              | Conejos  | 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  |
| Beother           | 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 Lake      | San Juan    | 11,875 |

|          |             |        |
|----------|-------------|--------|
| 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  |

| Name        | County      | Altitude |
|-------------|-------------|----------|
| 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 |

|             |         |       |
|-------------|---------|-------|
| Grand       | Grand   | 8,369 |
| Gold        | Boulder | 8,600 |
| Gerard Res. | Prowers | 4,050 |
| George      | Park    | 6,915 |

|                  |            |        |
|------------------|------------|--------|
| 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  |
| 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         | ---    |
| Jim Crowe Res. | Weld           | ---    |

|           |               |       |
|-----------|---------------|-------|
| King Res. | Kiowa-Prowers | 3,860 |
|-----------|---------------|-------|

|              |                |        |
|--------------|----------------|--------|
| Lost         | Boulder        | 9,980  |
| 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 |



| Name                       | County              | Altitude | Name                   | County              | Altitude |
|----------------------------|---------------------|----------|------------------------|---------------------|----------|
| Marvine-----               | Rio Blanco-----     | 10,500   | Shaw-----              | Mineral-----        | 9,830    |
| McIntosh-----              | Boulder-----        | 5,060    | Spruce Lakes-----      | Mineral-----        | 11,263   |
| Moraine-----               | El Paso-----        | 10,215   | Silver-----            | San Juan-----       | 11,675   |
| Monarch-----               | Grand-----          | 8,340    | Seeley-----            | Weld-----           | 4,175    |
| Mills-----                 | Larimer-----        | 11,496   | San Cristobal-----     | Hinsdale-----       | 8,997    |
| Maroon-----                | Pitkin-----         | 9,700    | Santa Maria-----       | Mineral-----        | 9,475    |
| Molas-----                 | San Juan-----       | 10,488   | San Luis-----          | Alamosa-----        | 7,525    |
| Margareta-----             | Routt-----          | 10,450   | Strawberry-----        | Grand-----          | 8,340    |
| Milton-----                | Weld-----           | -----    | Summit-----            | Clear Creek-----    | 12,740   |
| Middle Plum Res.-----      | Prowers-----        | 4,100    | Slater-----            | Clear Creek-----    | 11,385   |
| Meredith-----              | Crowley-----        | 4,303    | Silver-----            | Boulder-----        | 10,190   |
| Minnequa-----              | Pueblo-----         | 4,740    | Swedes-----            | Boulder-----        | 5,095    |
| Naylor-----                | Clear Creek-----    | 11,348   | Snowden-----           | Otero-----          | 4,820    |
| New Windsor Res.-----      | Weld-----           | 4,920    | Seven Lakes-----       | Teller-----         | 10,900   |
| North Plum Res.-----       | Prowers-----        | 4,100    | Sanchez Res.-----      | Costilla-----       | 5,500    |
| North Butte Res.-----      | Prowers-----        | 4,200    | Stanley Res.-----      | Jefferson-----      | -----    |
| Nee Noshee Res. No. 3----- | Kiowa-----          | 3,870    | Twin Lakes-----        | Lake-----           | 9,012    |
| Nee Sopla Res. No. 5-----  | Kiowa-----          | 3,860    | Trappers-----          | Rio Blanco-----     | 10,500   |
| Nee Gronda Res. No. 4----- | Kiowa-----          | 3,840    | Trout-----             | San Miguel-----     | 9,750    |
| Nee Skah Res.-----         | Kiowa-----          | 3,885    | Terry-----             | Larimer-----        | 5,095    |
| Owens-----                 | Boulder-----        | 5,220    | Timnath-----           | Weld-----           | 4,900    |
| Otanawanda-----            | Ouray-----          | 8,900    | Two Buttes Res.-----   | Baca-Prowers-----   | 4,230    |
| Palmer-----                | Douglas-----        | 9,210    | Turkey Creek Res.----- | Pueblo-----         | 5,580    |
| Peterson-----              | Boulder-----        | 9,245    | Thatcher-----          | Pueblo-El Paso----- | 5,395    |
| Point of Rocks Res.-----   | Logan-----          | 3,800    | Upper Crater-----      | Gilpin-----         | 10,997   |
| Price Res.-----            | Prowers-----        | 3,850    | Upper Nile-----        | Adams-----          | -----    |
| Prewitt Res.-----          | Logan-----          | 3,900    | Wellington-----        | Jefferson-----      | 9,863    |
| Pisgah-----                | Gilpin-----         | 9,656    | Warren-----            | Larimer-----        | 4,985    |
| Powderhorn-----            | Hinsdale-----       | 11,830   | Woods-----             | Weld-----           | 4,860    |
| Res. No. 2-----            | El Paso-----        | 11,270   | Woods-----             | Eagle-----          | 9,405    |
| Res. No. 4-----            | Teller-----         | 10,900   | Webster Park Res.----- | Fremont-----        | 5,950    |
| Res. No. 5-----            | Teller-----         | 10,900   | Williams-McCreery----- | Morgan-----         | -----    |
| 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-----          | 4,750    |                        |                     |          |
| Res. No. 4-----            | Otero-----          | 4,750    |                        |                     |          |
| Res. No. 5-----            | Otero-----          | 4,750    |                        |                     |          |

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.

## Colorado's 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. Passes are identified by having a lower elevation than the crests of the ranges with which they are associated, and represent the easiest or most feasible ways over mountain ranges. Very important in this connection is the character of the valley approaches to the mountain depression from either side. Low elevations in the mountains may be of little or no service

for routes if the gradient of the mountain slopes defies the economical construction of road-beds up to them. It is for this reason that the passes of Colorado are found at the headwaters of tributary streams, whose valleys provided reasonably easy gradients to the summit.

As a result of this association, the majority of the passes bear the name of either one of the approaching streams; other names of passes are derived from surrounding physical 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 season. In the winter time only Tennessee and Cochetopa passes are serviceable for automotive traffic. Berthoud pass is by all odds the most intensively used automobile highway, although it closes in December. 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 ar-

ranged in alphabetical order to aid the reader in finding any desired pass.

NOTE—This section has been prepared for the Year Book by Dr. Ralph H. Brown, Geographer, formerly of the University of Colorado but now on the staff of the Department of Geography of the University of Minnesota. Valuable aid has been given on many points by Dr. L. R. Hafen, Curator and Historian of the Colorado Historical society, and by the United States forest service. This material may be found in more comprehensive form in the November, 1929, issue of Colorado Magazine and in the University of Colorado Studies for 1930.

## MOUNTAIN PASS HIGHWAYS

The rapid development of mountain highways in Colorado has made a large number of the passes well known to hundreds of thousands of travelers, there being 30 or more which are traveled regularly during the summer months. Practically all except the lowest are closed during the winter months, as they lie at altitudes where snowfall is heavy and the problem of keeping them open is a financial, if not a physical impossibility. The Colorado highways department spends thousands of dollars annually in an effort to keep the more important passes open as late as possible and to clear them of snow as early as possible in the spring. Likewise considerable money is being spent each year to develop adequate drainage, so that melting snows and the rains of early spring will do the least possible damage to the highways.

The following table lists, in the order of elevation, the passes most commonly known to visitors and to Colorado people who have occasion to cross the mountain ranges frequently:

| Pass               | Elevation |
|--------------------|-----------|
| Independence ..... | 12,095    |
| Fall River .....   | 11,797    |
| Monarch .....      | 11,650    |
| Hoosier .....      | 11,542    |
| Hagerman .....     | 11,495    |
| Fremont .....      | 11,320    |
| Berthoud .....     | 11,315    |
| Red Mountain ..... | 11,018    |
| Wolf Creek .....   | 10,850    |
| Milner .....       | 10,759    |
| Los Pinos .....    | 10,500    |
| Tennessee .....    | 10,424    |
| Cameron .....      | 10,285    |
| Cochetopa .....    | 10,032    |
| Cumbres .....      | 10,003    |
| La Manga .....     | 10,000    |
| Molas Lake .....   | 10,000    |
| Lizard Head .....  | 10,000    |
| Squaw .....        | 9,807     |
| Willow Creek ..... | 9,683     |
| Rabbit Ears .....  | 9,680     |
| La Veta .....      | 9,378     |
| Trout Creek .....  | 9,346     |
| Gore .....         | 9,000     |
| Poncha .....       | 8,945     |
| Muddy .....        | 8,772     |
| Raton .....        | 8,560     |



**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                    | 8,050             | 1900               | Railroad                                |
| Anthracite              | Gunnison            | Elk-West Elk             | 9,100*            | 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                    | 11,315            | 1861               | Highway                                 |
| Big Horn                | Mineral             | San Juan Group           | 12,000*           |                    | Trail                                   |
| Blue Lake               | Ouray               | San Juan Group           | 11,000*           | 1917               | Trail                                   |
| Bonita                  | Rio Grande-Mineral  | San Juan Group           | 12,000*           |                    | Trail                                   |
| Boreas                  | Park-Summit         | Front                    | 11,489            | 1888               | Railroad and Abandoned Road             |
| Bottle                  | Grand               | Front                    | 9,800*            | 1880               | Trail                                   |
| Buchanan                | Boulder-Grand       | Front                    | 12,304            | 1902               | 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           | 10,003            | 1881               | Highway                                 |
| Curecanti               | Gunnison            | Elk-West Elk             | 10,000*           |                    | Trail                                   |
| Current 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                                    |
| 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                    | 11,320            | 1888               | R. R. and Highway                       |
| Georgia                 | Park-Summit         | Front                    | 11,476            | 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         | 11,542            | 1860               | Highway                                 |
| Hunchback               | San Juan            | San Juan Group           | 12,487            | 1880               | Trail                                   |
| Illinois                | Jackson-Grand       | Park-Rabbit Ears         | 10,000*           |                    | Trail                                   |
| Imogene                 | Ouray-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                                    |
| 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 | 9,378             | 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-Ouray      | 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                                    |
| Marshall                | Saguache            | Sawatch Mountains        | 10,950            | 1877               | Railroad                                |

\* Approximate elevation in feet.

DISTRIBUTION OF GENERAL TAX IN COLORADO FOR 1930\*  
(From the Records of the State Tax Commission)

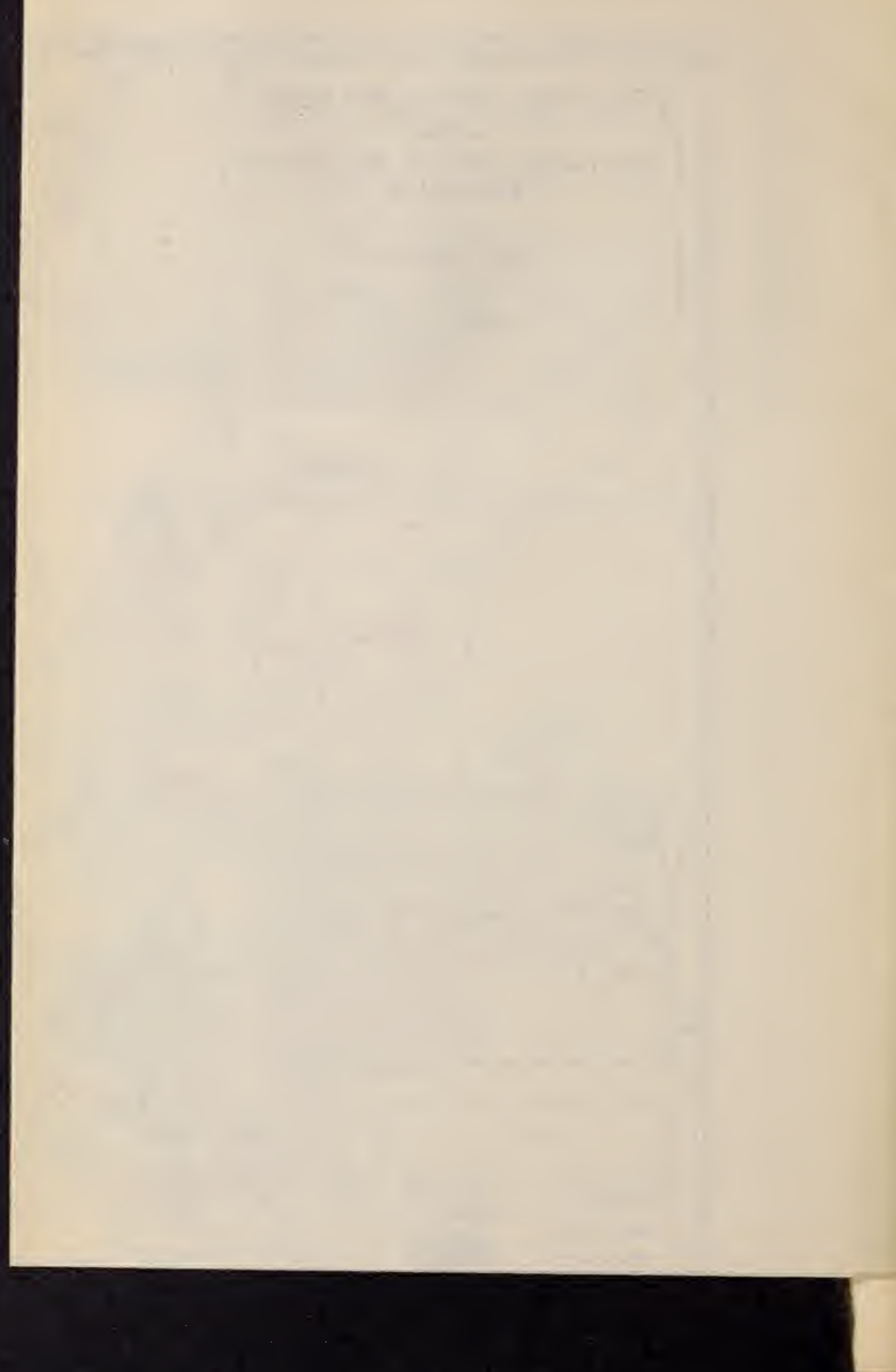
| COUNTY      | Assessed Valuation | Per Cent of Total Value of State | State Revenue  | Per Cent of Total Tax of County | Per Cent of Total State Revenue | County Revenue  | Per Cent of Total Tax of County | Town Revenue   | Per Cent of Total Tax of County | School Revenue  | Per Cent of Total Tax of County | Total County Tax | Per Cent of Total Property Tax of State |
|-------------|--------------------|----------------------------------|----------------|---------------------------------|---------------------------------|-----------------|---------------------------------|----------------|---------------------------------|-----------------|---------------------------------|------------------|---|
| Adams       | \$ 32,063,560      | 2.02                             | \$ 115,108.18  | 14.18                           | 2.02                            | \$ 201,579.79   | 24.83                           | \$ 79,038.85   | 9.73                            | \$ 416,302.03   | 51.25                           | \$ 812,128.85    | 1.66                                    |
| Alamosa     | 10,095,070         | 0.63                             | 35,241.30      | 10.09                           | 0.63                            | 58,753.31       | 16.35                           | 51,143.25      | 17.02                           | 293,125.40      | 56.54                           | 352,258.26       | 0.73                                    |
| Arapahoe    | 23,971,995         | 1.51                             | 86,052.46      | 11.41                           | 1.51                            | 135,921.21      | 18.03                           | 93,116.14      | 13.01                           | 433,891.68      | 57.55                           | 759,988.39       | 1.53                                    |
| Archuleta   | 4,723,143          | 0.30                             | 15,955.08      | 15.26                           | 0.30                            | 35,659.73       | 31.97                           | 9,039.71       | 8.11                            | 49,896.05       | 44.72                           | 111,551.67       | 0.23                                    |
| Baca        | 14,318,800         | 0.90                             | 51,404.49      | 12.11                           | 0.90                            | 105,102.31      | 25.00                           | 25,515.00      | 6.27                            | 240,321.94      | 56.52                           | 424,443.74       | 0.86                                    |
| Bent        | 13,759,870         | 0.87                             | 49,397.93      | 13.71                           | 0.87                            | 107,325.99      | 29.78                           | 23,221.80      | 5.44                            | 180,478.58      | 50.07                           | 350,425.40       | 0.73                                    |
| Boulder     | 47,422,306         | 2.98                             | 170,245.08     | 12.35                           | 2.98                            | 299,234.75      | 21.71                           | 204,212.75     | 14.82                           | 704,704.04      | 51.12                           | 1,378,397.62     | 2.80                                    |
| Chaffee     | 9,872,589          | 0.62                             | 35,441.88      | 10.74                           | 0.62                            | 111,557.99      | 33.81                           | 48,422.58      | 14.58                           | 134,523.01      | 40.77                           | 329,945.46       | 0.67                                    |
| Cheyenne    | 13,862,418         | 0.87                             | 49,765.08      | 19.95                           | 0.87                            | 36,735.41       | 14.72                           | 10,745.61      | 4.31                            | 152,238.36      | 51.02                           | 249,485.45       | 0.61                                    |
| Clear Creek | 5,452,455          | 0.34                             | 19,574.31      | 12.59                           | 0.34                            | 56,705.53       | 36.49                           | 22,218.41      | 14.33                           | 55,919.38       | 35.52                           | 155,417.63       | 0.31                                    |
| Conejos     | 9,197,160          | 0.58                             | 33,017.90      | 10.80                           | 0.58                            | 91,971.50       | 30.07                           | 15,824.55      | 5.50                            | 164,019.03      | 53.63                           | 305,827.98       | 0.62                                    |
| Costilla    | 5,293,410          | 0.33                             | 19,003.34      | 9.41                            | 0.33                            | 74,107.74       | 35.70                           | 2,573.14       | 1.32                            | 106,159.37      | 52.57                           | 201,943.59       | 0.41                                    |
| Crowley     | 9,802,780          | 0.62                             | 55,191.98      | 13.51                           | 0.62                            | 35,780.15       | 13.73                           | 25,516.15      | 9.83                            | 164,050.25      | 62.94                           | 260,648.53       | 0.53                                    |
| Custer      | 3,074,735          | 0.19                             | 11,038.30      | 13.04                           | 0.19                            | 30,747.35       | 35.31                           | 3,160.93       | 3.73                            | 39,723.68       | 45.92                           | 84,670.26        | 0.17                                    |
| Delta       | 14,690,545         | 0.92                             | 52,739.05      | 8.90                            | 0.92                            | 188,526.50      | 31.85                           | 54,351.19      | 9.18                            | 296,595.22      | 60.07                           | 592,322.06       | 1.20                                    |
| Denver      | 464,482,500        | 29.20                            | 1,657,492.18   | 11.10                           | 29.20                           | 2,213,259.11    | 14.73                           | 4,735,399.08   | 31.51                           | 6,409,858.50    | 42.65                           | †15,025,008.87   | 30.54                                   |
| Dolores     | 1,897,958          | 0.12                             | 6,777.77       | 9.45                            | 0.12                            | 35,625.38       | 51.09                           | 2,238.73       | 3.12                            | 26,050.38       | 36.34                           | 71,693.26        | 0.15                                    |
| Douglas     | 11,829,775         | 0.74                             | 42,468.89      | 18.54                           | 0.74                            | 72,161.63       | 31.50                           | 10,495.80      | 4.58                            | 103,981.33      | 45.38                           | 229,107.55       | 0.47                                    |
| Eagle       | 8,058,056          | 0.51                             | 28,928.42      | 11.91                           | 0.51                            | 93,473.45       | 38.49                           | 11,830.44      | 4.87                            | 108,549.40      | 44.73                           | 242,881.71       | 0.49                                    |
| Elbert      | 16,482,668         | 1.04                             | 59,172.78      | 16.53                           | 1.04                            | 83,484.71       | 23.33                           | 7,845.34       | 2.19                            | 207,382.41      | 57.95                           | 357,886.74       | 0.73                                    |
| El Paso     | 75,588,010         | 4.75                             | 271,350.95     | 10.73                           | 4.75                            | 359,043.04      | 14.19                           | 596,778.19     | 23.59                           | 1,302,336.89    | 51.49                           | 2,529,519.08     | 5.14                                    |
| Fremont     | 22,873,337         | 1.44                             | 82,117.15      | 11.02                           | 1.44                            | 135,413.23      | 18.17                           | 113,356.76     | 15.21                           | 414,387.55      | 55.60                           | 745,274.59       | 1.51                                    |
| Garfield    | 18,285,280         | 1.15                             | 55,644.16      | 10.35                           | 1.15                            | 201,138.08      | 31.70                           | 70,634.44      | 11.13                           | 297,128.41      | 46.82                           | 634,646.09       | 1.29                                    |
| Gilpin      | 3,208,733          | 0.20                             | 11,519.35      | 11.95                           | 0.20                            | 41,713.53       | 43.28                           | 10,262.53      | 10.65                           | 32,883.84       | 34.12                           | 96,379.25        | 0.20                                    |
| Grand       | 6,884,270          | 0.43                             | 24,714.53      | 18.25                           | 0.43                            | 55,383.95       | 40.93                           | 6,759.18       | 4.99                            | 48,453.90       | 35.82                           | 136,321.55       | 0.28                                    |
| Gunnison    | 15,661,555         | 0.98                             | 55,225.01      | 15.01                           | 0.98                            | 135,882.08      | 35.54                           | 31,363.05      | 8.37                            | 150,172.42      | 40.08                           | 374,642.56       | 0.75                                    |
| Hinsdale    | 1,170,628          | 0.07                             | 4,202.25       | 9.45                            | 0.07                            | 22,241.93       | 50.08                           | 2,124.54       | 4.78                            | 15,846.09       | 35.68                           | 44,414.91        | 0.09                                    |
| Huerfano    | 16,069,091         | 1.01                             | 57,688.01      | 9.93                            | 1.01                            | 181,580.72      | 31.26                           | 45,601.02      | 7.85                            | 295,987.29      | 50.95                           | 580,857.07       | 1.18                                    |
| Jackson     | 3,690,870          | 0.23                             | 13,250.22      | 22.59                           | 0.23                            | 15,239.83       | 27.62                           | 3,350.88       | 5.72                            | 25,809.80       | 44.01                           | 58,650.73        | 0.12                                    |
| Jefferson   | 28,625,045         | 1.80                             | 102,757.50     | 12.88                           | 1.80                            | 203,531.18      | 26.51                           | 58,935.64      | 7.33                            | 432,712.94      | 54.22                           | 797,948.15       | 1.62                                    |
| Kiowa       | 13,018,460         | 0.82                             | 45,736.27      | 21.04                           | 0.82                            | 18,365.03       | 8.26                            | 8,834.90       | 3.98                            | 148,243.58      | 66.72                           | 222,170.78       | 0.45                                    |
| Kit Carson  | 21,126,843         | 1.33                             | 75,845.37      | 13.45                           | 1.33                            | 128,662.47      | 22.82                           | 49,552.55      | 8.79                            | 309,779.97      | 54.94                           | 563,840.47       | 1.16                                    |
| Lake        | 7,530,705          | 0.47                             | 27,035.23      | 9.85                            | 0.47                            | 87,431.48       | 31.88                           | 56,991.03      | 20.78                           | 102,757.15      | 37.48                           | 274,214.89       | 0.55                                    |
| La Plata    | 16,350,006         | 0.97                             | 55,142.42      | 10.24                           | 0.97                            | 144,230.44      | 25.79                           | 52,984.33      | 11.70                           | 276,026.32      | 51.27                           | 538,383.51       | 1.09                                    |
| Larimer     | 52,101,980         | 3.28                             | 187,045.11     | 11.68                           | 3.28                            | 437,135.51      | 27.29                           | 258,918.23     | 16.16                           | 718,773.17      | 44.87                           | 1,601,873.12     | 3.25                                    |
| Las Animas  | 42,016,901         | 2.64                             | 150,840.59     | 10.60                           | 2.64                            | 305,723.38      | 21.55                           | 195,897.57     | 13.75                           | 769,812.75      | 54.09                           | 1,423,274.49     | 2.89                                    |
| Lincoln     | 18,383,215         | 1.15                             | 56,995.74      | 13.79                           | 1.15                            | 104,232.83      | 21.76                           | 24,475.97      | 5.12                            | 283,837.72      | 59.31                           | 478,542.25       | 0.96                                    |
| Logan       | 36,588,130         | 2.30                             | 131,351.39     | 12.30                           | 2.30                            | 231,054.04      | 21.64                           | 135,555.75     | 12.81                           | 558,564.26      | 53.25                           | 1,067,625.45     | 2.17                                    |
| Mesa        | 30,755,190         | 1.93                             | 110,411.13     | 10.53                           | 1.93                            | 215,286.33      | 20.64                           | 159,940.24     | 16.22                           | 552,511.23      | 52.71                           | 1,048,148.93     | 2.13                                    |
| Mineral     | 1,667,299          | 0.10                             | 6,986.50       | 16.84                           | 0.10                            | 14,456.45       | 40.57                           | 4,251.62       | 11.99                           | 10,837.44       | 30.50                           | 35,540.14        | 0.07                                    |
| Moffat      | 7,304,600          | 0.45                             | 26,223.51      | 10.51                           | 0.45                            | 96,785.95       | 38.78                           | 20,003.88      | 8.01                            | 106,558.58      | 42.70                           | 249,571.92       | 0.61                                    |
| Montezuma   | 6,221,605          | 0.39                             | 22,335.56      | 9.27                            | 0.39                            | 84,800.48       | 36.20                           | 19,615.44      | 8.14                            | 114,189.44      | 47.39                           | 240,941.92       | 0.49                                    |
| Montrose    | 12,057,750         | 0.76                             | 43,287.32      | 9.18                            | 0.75                            | 145,850.54      | 30.94                           | 50,559.58      | 10.75                           | 231,552.18      | 49.13                           | 471,389.62       | 0.96                                    |
| Morgan      | 27,748,752         | 1.74                             | 99,618.02      | 12.47                           | 1.74                            | 193,381.06      | 24.21                           | 67,833.74      | 8.49                            | 438,004.00      | 54.83                           | 798,835.81       | 1.52                                    |
| Otero       | 32,087,646         | 2.02                             | 115,194.64     | 12.32                           | 2.02                            | 158,833.84      | 16.99                           | 151,334.08     | 16.19                           | 609,648.95      | 54.50                           | 935,011.52       | 1.90                                    |
| Ouray       | 4,092,453          | 0.26                             | 14,691.91      | 11.43                           | 0.26                            | 55,657.36       | 43.31                           | 12,809.53      | 9.97                            | 46,364.81       | 35.30                           | 128,523.61       | 0.26                                    |
| Park        | 8,707,710          | 0.65                             | 31,260.68      | 23.48                           | 0.55                            | 41,797.01       | 31.40                           | 2,684.67       | 2.02                            | 57,389.29       | 43.10                           | 133,131.65       | 0.27                                    |
| Phillips    | 15,414,635         | 0.97                             | 55,338.54      | 16.90                           | 0.97                            | 75,840.00       | 23.16                           | 22,789.92      | 6.96                            | 173,444.28      | 52.98                           | 327,412.74       | 0.67                                    |
| Pitkin      | 3,773,985          | 0.24                             | 13,548.61      | 11.01                           | 0.24                            | 60,383.79       | 49.06                           | 13,187.24      | 10.71                           | 35,968.31       | 29.22                           | 123,087.92       | 0.25                                    |
| Prowers     | 21,788,035         | 1.37                             | 78,219.05      | 12.38                           | 1.37                            | 152,952.00      | 24.21                           | 59,054.24      | 9.35                            | 341,473.01      | 64.06                           | 631,698.30       | 1.28                                    |
| Pueblo      | 82,824,353         | 5.21                             | 297,339.43     | 9.63                            | 5.21                            | 369,396.62      | 11.97                           | †969,821.57    | 31.43                           | 1,449,385.55    | 46.97                           | 3,086,943.17     | 6.27                                    |
| Rio Blanco  | 5,793,850          | 0.36                             | 20,799.92      | 12.67                           | 0.36                            | 63,071.67       | 32.06                           | 14,167.75      | 8.56                            | 77,477.24       | 46.81                           | 166,616.68       | 0.34                                    |
| Rio Grande  | 10,893,956         | 0.68                             | 39,109.30      | 9.10                            | 0.68                            | 84,428.16       | 19.65                           | 39,046.04      | 9.09                            | 257,046.87      | 62.16                           | 429,630.37       | 0.87                                    |
| Routt       | 16,839,880         | 1.06                             | 60,456.17      | 12.40                           | 1.06                            | 133,377.04      | 27.46                           | 44,857.52      | 9.20                            | 248,260.84      | 50.94                           | 487,450.57       | 0.99                                    |
| Saguache    | 10,584,427         | 0.67                             | 37,998.09      | 13.62                           | 0.67                            | 78,324.76       | 28.07                           | 12,288.97      | 4.40                            | 150,373.50      | 53.91                           | 278,985.32       | 0.57                                    |
| San Juan    | 3,796,488          | 0.24                             | 13,629.39      | 12.30                           | 0.24                            | 48,974.70       | 44.21                           | 10,183.91      | 9.19                            | 38,002.85       | 34.30                           | 110,790.85       | 0.23                                    |
| San Miguel  | 4,638,715          | 0.29                             | 16,552.99      | 10.41                           | 0.29                            | 62,205.17       | 38.86                           | 11,127.12      | 6.95                            | 70,075.15       | 43.78                           | 160,060.43       | 0.33                                    |
| Sedgwick    | 12,968,138         | 0.82                             | 46,555.61      | 13.60                           | 0.82                            | 78,467.23       | 22.91                           | 36,176.75      | 10.57                           | 191,209.51      | 52.92                           | 342,399.10       | 0.70                                    |
| Summit      | 4,481,396          | 0.28                             | 16,088.21      | 14.28                           | 0.28                            | 46,494.48       | 41.26                           | 6,516.33       | 5.78                            | 43,581.57       | 38.68                           | 112,680.59       | 0.23                                    |
| Teller      | 5,002,390          | 0.31                             | 17,958.58      | 8.52                            | 0.31                            | 66,531.31       | 31.10                           | 45,121.91      | 21.41                           | 82,107.15       | 38.97                           | 210,718.95       | 0.43                                    |
| Washington  | 15,921,474         | 1.00                             | 67,158.09      | 12.06                           | 1.00                            | 117,818.91      | 24.86                           | 18,461.71      | 3.90                            | 280,475.74      | 59.18                           | 473,914.45       | 0.96                                    |
| Weld        | 102,176,120        | 6.42                             | 366,812.27     | 11.71                           | 6.42                            | 662,101.26      | 21.13                           | 327,393.44     | 10.45                           | 1,776,429.48    | 66.71                           | 3,132,736.46     | 6.37                                    |
| Yuma        | 24,607,070         | 1.56                             | 88,339.38      | 14.32                           | 1.56                            | 110,731.81      | 17.94                           | 37,446.79      | 6.07                            | 380,558.54      | 61.67                           | 617,077.62       | 1.25                                    |
| State       | \$1,590,674,097    | 100.00                           | \$5,710,519.69 | 11.61                           | 100.00                          | \$10,088,346.61 | 20.50                           | \$9,363,494.72 | 19.01                           | \$24,064,356.71 | 48.86                           | \$49,206,716.53  | 100.00                                  |

\*From County Treasurers' Annual Statements.

†Includes mountain park districts.

‡Includes water and park districts.





ALTITUDE AND LOCATION OF MOUNTAIN PASSES—Continued

| Name of Pass     | Counties            | Name of Range                | Elevation<br>in Feet | Earliest<br>Known<br>Use | Character of<br>Present Use           |
|------------------|---------------------|------------------------------|----------------------|--------------------------|---------------------------------------|
| McClure          | Gunnison-Pitkin     | Elk                          | 9,500*               | ---                      | Trail                                 |
| Meadows          | Rio Grande          | San Juan Group               | 10,300               | ---                      | Trail                                 |
| Medano           | Huerfano-Saguache   | Sangre de Cristo-<br>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            | 11,650               | 1880                     | Highway                               |
| Monument         | Gunnison            | San Juan Group               | 11,000*              | ---                      | Trail                                 |
| Mosca            | Huerfano-Saguache   | Sangre de Cristo-<br>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-<br>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-<br>Culebra | 9,200*               | 1850                     | Road                                  |
| Pearl            | Gunnison-Pitkin     | Elk-West Elk                 | 12,715*              | 1890                     | Trail                                 |
| Poncha           | Chaffee-Saguache    | Sangre de Cristo-<br>Culebra | 8,945                | Before<br>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          | Front                        | 8,560                | 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          | Front                        | 8,600*               | ---                      | Trail                                 |
| San Francisco    | Las Animas          | Sangre de Cristo-<br>Culebra | 8,560                | ---                      | Trail                                 |
| Sangre de Cristo | Costilla            | Sangre de Cristo-<br>Culebra | 9,459                | Before<br>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              | Front                        | 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                     |
| Lincep           | Chaffee-Gunnison    | Sawatch Mountains            | 12,000*              | 1880                     | 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              | Front                        | 8,200*               | ---                      | Road                                  |
| Ute              | Teller              | Front                        | 7,600                | Before<br>1800           | 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          | Duster-Saguache     | Sangre de Cristo-<br>Culebra | 10,500*              | ---                      | Trail                                 |
| Veta             | Costilla            | Sangre de Cristo-<br>Culebra | 9,100*               | 1880                     | Railroad                              |
| Victor           | Teller              | Front                        | 10,202               | ---                      | Railroad                              |
| WarmSpring       | Park                | Park-Mosquito                | ---                  | 1910                     | Trail                                 |
| Webster          | Park-Summit         | Front                        | 12,102               | 1900                     | Trail                                 |
| Weminuche        | 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                        |
| 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            | Front                        | 8,000*               | 1915                     | Trail                                 |
| Yellowjacket     | Rio Blanco          | Front                        | 7,400*               | 1877                     | Road                                  |
| Yellowjacket     | Routt               | Front                        | 7,500*               | ---                      | Road                                  |

\* Approximate elevation in feet.



## Homestead Lands

THE United States government had 8,027,468 acres of unappropriated and unreserved land within the boundaries of Colorado on July 1, 1930, subject to entry under homestead and other public land laws. Of that area, 6,825,425 acres was surveyed and 1,202,043 acres unsurveyed. The total area of unreserved public land was 191,407 acres smaller than on the same date in 1929, the decrease being due to an increase in the area embraced in original entries during the fiscal year and a smaller number of cancellations through relinquishments and expiration of the statutory periods. The increase in areas appropriated is not confined to Colorado, nor to any particular section of the country and to no one law, but has been general throughout the public land states since 1926.

Exclusive of this vacant land, there was 2,189,047 acres upon which entries had been made, but upon which final proof of compliance with the law had not been presented. Such of these entries as may from time to time be cancelled for failure to submit final proof or for failure to comply with the law will be open to entry by the first qualified applicant, if not withdrawn or reserved, but until there is a forfeiture of the land upon which final proof has not been made, it is not subject to entry by any other than the pending applicant.

The unappropriated and unreserved land is open for entry under various classes of filings, including homestead, soldiers' and sailors' homestead rights, desert entry, timber and stone and other classifications. All of this land is administered by the general land office of the department of the interior, and contact with the public is through the district land offices, to which all applications should be made. The district land offices furnish general information to the public upon application.

There are several classes of entries by which public lands may be taken, but those most generally used are the ordinary 160-acre agricultural homestead entry; the enlarged homestead entry; the desert land entry; the stock-growing, or 640-acre entry, and timber and stone entries. These various classes of public land filings are described in detail in a series of

pamphlets published by the Interior Department under direction of the General Land Office, and can be secured from the register of the nearest public land office. The pamphlet most frequently used by those in search of public lands is known as Circular No. 541, entitled "Suggestions to Homesteaders and Persons Desiring to Make Homestead Entries."

Entrymen on public lands must remember that not in all cases does the subsurface title pass to the entryman with the surface title. Under various reservations, withdrawals and classifications coal, oil, gas and other non-metal deposits frequently are reserved to the government and the entryman secures only surface title. This is particularly true of oil and gas, which are governed largely by the mineral leasing acts of 1914 and 1920. It is practically impossible at present to secure title to such deposits by taking advantage of the public land entries provided by law, such deposits being subject to special leasing acts. Entrymen desirous of securing such mineral titles should consult officials of the Land Office or others who are in a position to advise them.

Some of the unappropriated land is classed as agricultural, but most of it is chiefly valuable for grazing and mineral purposes, and includes large areas in the mountainous districts that lie at elevations of 7,000 feet or more above sea level. Small tracts suitable for farming may be found in the mountain counties, but practically all the land of value for this purpose that lies within a reasonable distance of a railroad has been filed upon. The land that lies in the counties east of the mountains is mostly in small tracts, below the size of a government homestead, or remote from a railroad. The rainfall in some sections is too light for practical farming without irrigation.

It should be borne in mind by prospective settlers who are looking to the government domain as a possible location that the land has been combed by homeseekers for many years and that in most cases that most suited to farming has been filed upon long since. It must also be recognized that the task of subduing raw land and making it productive is one which seldom can be accomplished

without some money and some acquaintance with the locality and its farming problems. Newcomers in the state are urged to use care and judgment in selecting homestead land and are advised that it is far better to spend time in investigating the various tracts still open to settlement than to jump to conclusions and select a tract which later may be found to be unfit for farming or to be too remote from railroads and markets to make farming a financial success.

Entries upon the public domain have been decreasing steadily in recent years, due to the prior acquisition of the more desirable tracts by settlers, until the last two years, in which increases have been reported. Public and Indian lands entered in the fiscal year ending June 30, for the past nine years, in acres, were as follows:

|            |           |
|------------|-----------|
| 1922 ..... | 1,258,989 |
| 1923 ..... | 892,124   |
| 1924 ..... | 605,390   |
| 1925 ..... | 417,225   |
| 1926 ..... | 357,464   |
| 1927 ..... | 426,780   |
| 1928 ..... | 345,925   |
| 1929 ..... | 421,000   |
| 1930 ..... | 520,705   |

There are two district land offices in Colorado, located at Denver and Pueblo, both of which are in the government postoffice buildings. Unappropriated and unreserved land open to entry on July 1, 1930, classified by counties under the two district offices, is shown in an accompanying table. The surveyed land only is open to entry. The quantity of unsurveyed land in any county may be determined by subtracting the surveyed from the total.

| Land District and County | Area in Acres |         |
|--------------------------|---------------|---------|
|                          | Surveyed      | Total   |
| <b>Denver:</b>           |               |         |
| Boulder .....            | 6,480         | 6,880   |
| Chaffee .....            | 85,870        | 85,870  |
| Clear Creek .....        | 5,562         | 17,162  |
| Delta .....              | 143,714       | 145,314 |
| Dolores .....            | 28,110        | 28,110  |
| Douglas .....            | 360           | 360     |
| Eagle .....              | 125,923       | 127,923 |
| Elbert .....             | 160           | 160     |

| Land District and County | Area in Acres |           |
|--------------------------|---------------|-----------|
|                          | Surveyed      | Total     |
| Fremont .....            | 28,920        | 28,920    |
| Garfield .....           | 431,092       | 583,862   |
| Gilpin .....             | 1,371         | 4,851     |
| Grand .....              | 100,173       | 100,173   |
| Gunnison .....           | 366,464       | 450,904   |
| Hinsdale .....           | 85,940        | 101,940   |
| Jackson .....            | 183,208       | 183,208   |
| Jefferson .....          | 1,120         | 1,120     |
| Lake .....               | 15,800        | 28,600    |
| Larimer .....            | 25,145        | 25,145    |
| Logan .....              | 2,000         | 2,000     |
| Mesa .....               | 621,273       | 775,563   |
| Moffat .....             | 1,233,106     | 1,454,506 |
| Montrose .....           | 487,780       | 547,500   |
| Morgan .....             | 1,480         | 1,480     |
| Ouray .....              | 21,780        | 21,780    |
| Park .....               | 57,598        | 68,598    |
| Pitkin .....             | 10,927        | 14,927    |
| Rio Blanco .....         | 841,340       | 1,077,040 |
| Routt .....              | 58,653        | 60,353    |
| Saguache .....           | 92,080        | 92,080    |
| San Miguel .....         | 258,210       | 303,950   |
| Sedgwick .....           | 80            | 80        |
| Summit .....             | 13,960        | 13,960    |
| Teller .....             | 1,440         | 1,440     |
| Washington .....         | 1,209         | 1,200     |
| Weld .....               | 4,040         | 4,040     |
| Yuma .....               | 1,480         | 1,480     |
| Total .....              | 5,343,839     | 6,362,479 |

|                   |           |           |
|-------------------|-----------|-----------|
| <b>Pueblo:</b>    |           |           |
| Alamosa .....     | 53,117    | 53,117    |
| Archuleta .....   | 93,962    | 103,090   |
| Baca .....        | 802       | 802       |
| Bent .....        | 4,927     | 4,927     |
| Chaffee .....     | 1,121     | 1,121     |
| Cheyenne .....    | 516       | 516       |
| Conejos .....     | 254,145   | 254,145   |
| Crowley .....     | 1,080     | 1,080     |
| Custer .....      | 14,842    | 14,842    |
| Dolores .....     | 20,951    | 27,351    |
| Elbert .....      | 160       | 160       |
| El Paso .....     | 804       | 804       |
| Fremont .....     | 274,037   | 340,484   |
| Hinsdale .....    | 9,300     | 9,300     |
| Huerfano .....    | 55,039    | 55,039    |
| Kiowa .....       | 1,420     | 1,420     |
| Kit Carson .....  | 544       | 544       |
| La Plata .....    | 142,743   | 156,783   |
| Las Animas .....  | 38,939    | 38,939    |
| Lincoln .....     | 1,638     | 1,638     |
| Montezuma .....   | 183,387   | 215,452   |
| Otero .....       | 3,600     | 3,600     |
| Prowers .....     | 1,185     | 1,185     |
| Pueblo .....      | 14,327    | 14,327    |
| Rio Grande .....  | 76,107    | 76,107    |
| Saguache .....    | 207,813   | 207,813   |
| San Juan .....    | 46,023    | 46,023    |
| Teller .....      | 34,380    | 34,380    |
| Total .....       | 1,481,586 | 1,664,989 |
| State total ..... | 6,825,425 | 8,027,468 |

## State or School Lands

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. The area of state or school lands in each county is shown in the table between pages 12 and 13 in this volume.

After these exchanges and adjustments had been made, the status of state land on November 30, 1930, including all classes of grants, was as follows:

|                      | Acres     |
|----------------------|-----------|
| Original grants..... | 4,500,686 |
| Land sold.....       | 1,424,116 |
| Net remaining.....   | 3,076,570 |
| Land leased*.....    | 2,544,544 |
| Vacant land.....     | 532,026   |
| Total .....          | 3,076,570 |

\*For agricultural and grazing purposes.

State land sold from the time of the transfer from the federal government down to December 1, 1930, aggregated 1,678,490 acres, of which 254,374 acres reverted to the state through the cancellation of purchase certificates, leaving a net of 1,424,116 acres. The record period was in the two years ending December 1, 1910, when a total of 287,341 acres was sold. A decline followed until the period of the world war, when again there was a heavy demand for agricultural land. In 1917-1918 the sales increased to 224,006 acres and then declined in the following biennial period to 156,502 acres. The general depression throughout the country in 1921 and 1922 was reflected in a drop in sales to 35,754 acres in those years. The adverse conditions continued during 1923 and 1924, when the minimum was reached. Since then there has been a gradual improvement as reflect-

ed in the following table of sales in biennial periods:

|                 | Acres  |
|-----------------|--------|
| 1923-1924 ..... | 10,346 |
| 1925-1926 ..... | 21,384 |
| 1927-1928 ..... | 25,513 |
| 1929-1930 ..... | 99,136 |

The average price per acre of land sold in 1929-1930 was \$10.96, which compares with \$15.33 in 1927-1928, \$13.28 in 1925-1926 and \$12.62 in 1923-1924. The maximum average per acre was \$21.38 in 1919-1920, and the minimum was \$4.35 in 1899-1900.

An accompanying table shows the acreage in the original grants after adjustments and exchanges were made, the purposes for which the grants were made, the acreage sold out of each, the net acreage remaining, and the acreage under lease for agricultural and grazing purposes on November 30, 1930.

A summary of the acreage under lease at the end of the last fiscal year is as follows:

|                              | Acres     |
|------------------------------|-----------|
| Agriculture and grazing..... | 2,544,544 |
| Mineral .....                | 1,222     |
| Clays, limestone, etc.....   | 2,774     |
| Oil and gas.....             | 516,711   |
| Coal .....                   | 15,774    |

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 on November 30 of years named and rentals and royalties paid were 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               |

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   |

Receipts of the land board from all sources, including sales of land, rentals and royalties, interest, etc., for biennial periods ending November 30 of the years named, were 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 ..... | 1,308,170   |
| 1926 ..... | 2,275,575   |
| 1928 ..... | 1,912,417   |
| 1930 ..... | 1,895,065   |

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 various funds on November 30, 1930, were as follows:

|                           |              |
|---------------------------|--------------|
| Public school.....        | \$10,284,787 |
| Internal improvement..... | 78           |
| Agricultural college..... | 445,598      |
| University .....          | 88,692       |
| Penitentiary .....        | 1,499        |
| Public building.....      | 812          |
| Saline .....              | 961          |
| Total .....               | \$10,822,427 |

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 according to the law. For the biennial period ending November 30, 1930, these transactions were as follows:

|  |             |
|--|-------------|
| Reported by treasurer.....                   | \$1,631,566 |
| Deducted for teachers' minimum salaries..... | 283,489     |
| Total apportionment.....                     | 1,348,361   |
| Deducted for blanks.....                     | 20,399      |
| Withheld acct. high school tuition .....     | 38,112      |
| Distribution to counties.....                | 1,289,850   |

On November 30, 1930, the amounts in the income funds were as follows:

|                           |           |
|---------------------------|-----------|
| Public school.....        | \$385,118 |
| Internal improvement..... | 95        |
| Agricultural college..... | 22,476    |
| University .....          | 1,969     |
| Public building.....      | 1,246     |
| Saline .....              | 15,172    |
| Penitentiary .....        | 1,785     |
| Total .....               | \$427,861 |

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 3,076,570 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 public 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:

| Canon City District         | Acres   |
|-----------------------------|---------|
| 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 Fields</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>        |         |
| 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.



**STATUS OF VARIOUS LAND GRANTS, 1930**  
(From Records of State Board of Land Commissioners)

| GRANT                      | Acres<br>original<br>grant | Acres<br>sold    | Net<br>acres<br>remaining | Acres<br>under<br>lease* |
|----------------------------|----------------------------|------------------|---------------------------|--------------------------|
| School .....               | 3,753,813                  | 928,326          | 2,825,487                 | 2,338,981                |
| Agricultural college ..... | 90,000                     | 57,049           | 32,951                    | 29,307                   |
| Internal improvement ..... | 499,790                    | 341,605          | 158,185                   | 134,500                  |
| Penitentiary .....         | 31,985                     | 22,688           | 9,297                     | 7,239                    |
| Public building .....      | 31,905                     | 27,191           | 4,713                     | 3,878                    |
| Saline .....               | 18,830                     | 5,371            | 13,459                    | 13,459                   |
| Reformatory .....          | 520                        | -----            | 520                       | -----                    |
| University .....           | 45,843                     | 36,793           | 9,051                     | 3,263                    |
| General fund .....         | 28,000                     | 5,093            | 22,907                    | 13,917                   |
| <b>Total .....</b>         | <b>4,500,686</b>           | <b>1,424,116</b> | <b>3,076,570</b>          | <b>2,544,544</b>         |

\*Includes some duplication, where surface and mineral leases exist on same areas.

## National Forests

(By the United States Forest Service)

A LARGE portion of the mountainous area 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 613,652 acres, is the smallest national forest in the state, while the San Juan, with 1,244,925 acres, is the largest. The forests average a little less than 1,000,000 acres each in area, or in all, 13,330,832 acres.

These forests, together with four east of the Continental Divide in Wyoming, those in South Dakota, Nebraska, and Oklahoma, 22 in all, make up the Rocky Mountain Region of the forest service. Colonel Allen S. Peck is regional forester, with headquarters in the Postoffice building, Denver. Assistant regional foresters are in charge of branches of operation, including fire protection, forest management, range management, lands and public relations. A regional engineer and a fiscal agent complete the organization immediately under the regional forester. There are about 150 forest officers in the state, including those in the regional office in Denver.

As far as possible, these timber lands are handled as local industries. Although they are a part of an exten-

sive system comprising 150 national forests scattered through 29 states, Porto Rico and Alaska, and although the forest service, as a part of the United States department of agriculture, has its headquarters in Washington, its organization is decentralized to such an extent that local officials handle most of the business with users and purchasers on the ground.

The forests in Colorado comprise a little more than 8 per cent in area of the 160,090,817 acres of national forest land in the United States. The first "reserve" was created by President Harrison in 1891 in Wyoming, and was known as the Yellowstone Park timberland reserve. This and all others set aside until 1907, were known as "reserves." Beginning in that year, however, they were all designated officially as national forests, in which timber was to be grown and utilized instead of reserved. This was an important step in the development of the present system. The accompanying table gives the name of each national forest wholly or partly in this state, and the headquarters of the supervisor.

| National<br>Forest | Headquarters        |
|--------------------|---------------------|
| Arapaho.....       | Hot Sulphur Springs |
| Cochetopa .....    | Salida              |
| Colorado .....     | Fort Collins        |
| Grand Mesa .....   | Grand Junction      |
| Gunnison .....     | Gunnison            |
| Holy Cross.....    | Glenwood Springs    |
| *La Sal.....       | Moab, Utah          |
| Montezuma .....    | Mancos              |
| Pike.....          | Colorado Springs    |
| Rio Grande.....    | Monte Vista         |
| Routt.....         | Steamboat Springs   |
| San Isabel.....    | Pueblo              |
| San Juan.....      | Durango             |
| Uncompahgre .....  | Delta               |
| White River.....   | Glenwood Springs    |

\*Lies principally in Utah.

The boundaries of these mountainous tracts are very irregular. Most of the forests lie in two or more counties, while some of them are made up of two or more separated tracts. The location of the various national forests wholly or partly in the state by counties is as follows:

| Forest       | Counties   |
|--------------|--|
| Arapaho:     | Eagle, Grand, Jackson, Summit.   |
| Cochetopa:   | Chaffee, Gunnison, Lake, Park, Saguache.   |
| Colorado:    | Boulder, Gilpin, Jefferson, Larimer.   |
| Grand Mesa:  | Delta, Garfield, Gunnison, Mesa.   |
| Gunnison:    | Delta, Gunnison, Hinsdale, Montrose, Saguache.                                   |
| Holy Cross:  | Eagle, Garfield, Gunnison, Pitkin.   |
| Montezuma:   | Dolores, La Plata, Montezuma, San Miguel.  |
| Pike:        | Clear Creek, Douglas, El Paso, Jefferson, Park, Teller.                          |
| Rio Grande:  | Archuleta, Conejos, Hinsdale, La Plata, Mineral, Rio Grande, Saguache, San Juan. |
| Routt:       | Grand, Jackson, Routt, Moffat.   |
| San Isabel:  | Alamosa, Chaffee, Custer, Fremont, Huerfano, Las Animas, Pueblo, Saguache.       |
| San Juan:    | Archuleta, Conejos, Hinsdale, La Plata, Mineral, Rio Grande, San Juan.           |
| Uncompahgre: | Gunnison, Hinsdale, Mesa, Montrose, Ouray, San Juan, San Miguel.                 |
| White River: | Eagle, Garfield, Moffat, Rio Blanco, Routt.                                      |
| La Sal:      | Mesa, Montrose.  |

The national forests are administered by the secretary of the department of agriculture through an official authorized by act of congress and known as the forester. The secretary of agriculture is authorized by act of congress to issue from time to time regulations governing the use and occupancy of national forest lands and the use of timber and other national forest resources.

The national forests were created primarily for the production of timber and the protection of the watersheds which supply municipalities and irrigation enterprises with their liquid gold. 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.

**Timber**—The timber within the national forests of Colorado is estimated at 31,560,665,000 board feet. The annual growth which these forests are capable of producing is from 400,000,000 to 500,000,000 board feet, or in volume, more than the timber demand of Colorado's present population.

The annual cut of timber from these national forests varies from sixty to seventy million board feet. In 1930 it amounted to 60,212,000. The size of the sales through which this timber is disposed of varies from a few thousand board feet to over 200,000,000, most of them involving less than \$500 worth of timber. The average price paid is \$2.45 per thousand feet, which in 1930 produced a revenue of \$147,724.30.

Sawtimber makes up more than half of the annual cut, amounting in 1930 to 34,253,000 board feet. Other products, in the order of their importance are railroad ties, mine props, and timbers, telephone poles, posts, and cordwood.

Additional products of the forest, which cannot be reduced to board feet, are sold by the forest service in Colorado. Among these are Christmas trees and evergreen boughs, which result from thinnings in over-crowded stands of Douglas fir; ornamental seedlings, also a product of thinnings, and pine cones.

The present cut of timber in the national forests of Colorado, is less than one-sixth of what it could be without exceeding the potential annual replacement through natural growth and reproduction. In general, however, the yearly cut is increasing slightly. Within recent years, lodgepole pine has attracted attention as a species suitable for use in the form of telephone and telegraph poles. Two plants have been established within recent years, one at Salida and one in Denver, for the preservative treatment of poles, also railroad ties and fence posts produced from nearby forests.

At present pulpwood species (Engelmann and blue spruce, alpine cork-bark and white fir) of which there are nearly 23,000,000,000 board feet of timber sawlog size in the national forests of Colorado, are receiving considerable attention by paper manufacturers. In 1930 the forest service offered for sale 2,000,000 cords of spruce and fir timber in Colorado. Four bids were received, three from responsible pulp and paper manufacturing companies. The timber was awarded to the high bidder and a period of approximately nine months was provided for the preparation of operating and financial plans. Up to April 1, 1931, the final date of the award, the successful bidder had not made arrangements for the execution of the agreements and bonds. Just what the outcome will be is not known at this time, but it is antici-



pated that a pulp and paper industry will be developed in Colorado within the next few years.

With the exception of Christmas tree thinnings, all timber is sold on the stump and is cut and removed by the purchaser under the close supervision of forest officers. Only mature trees are designated for cutting or such trees as it is advisable to remove to secure proper spacing for those which remain. The aim of the methods employed is not only to maintain the forest in a perpetually productive condition, but to increase the productive capacity of the stands as time goes on.

**Reforestation**—Approximately 10 per cent of the timberland within the national forests of Colorado has been denuded by fire or is covered with brush which is of no value except as it prevents erosion and rapid run-off from rain and melting snow. These areas can be restored to productivity as forest land only through artificial reforestation.

Most of the destruction by fire occurred before 1905. During the past twenty-three years for which records have been kept the total area burned over is equal to about one-fourth of one per cent of the total national forest area in the state, or 31,782 acres. The Mt. Herman burn, which was swept by fire in the 80's, covers an area of 10,000 acres, which is approximately 15 times as large as any single fire in the Pike forest which has occurred since 1908. The planting of this area, which is located between Palmer Lake and Woodland Park, will be completed in 1931. The project was started in 1924.

Colorado's forests have a value in protecting watersheds for the large irrigation interests and municipalities of the state, which it is difficult to appraise. Forests retard the melting of snow in the mountains during the spring season and thus tend to equalize the flow of the streams. Three million acres of land in this state, valued at approximately \$300,000,000, depend upon such sources for irrigation water. Forests also retard the flow of water in times of flood.

During the calendar year 1930, 1,486 acres of denuded land was planted in Colorado. The area planted in Colorado is now being increased. In 1931 about 500 acres will be planted on denuded land on the headwaters of the South Platte river in South Park. Eventually this will be increased to 1,000 acres. The production of the

Monument nursery is being increased to produce trees for this increased acreage. About 1,600,000 trees were shipped from the Monument nursery during the spring of 1931. Of all the area planted to date in Colorado, about 86 per cent supports a stand of 250 trees or more per acre, which is considered the minimum stocking of a successful plantation. During ordinary seasons large survivals are secured in planting trees and the work can be done quite effectively in the rockiest country at a cost which is not unreasonable in view of the difficulties encountered.

Most of the reforestation in the national forests has been on burned-over watersheds of municipalities, such as those of Colorado Springs, Denver, Trinidad, Salida, and Fruita.

**Recreation**—As the national forests are made more accessible by a good system of roads, people come to them in larger numbers for recreation. The national forests are the only large areas where hunting and fishing may be enjoyed by the ordinary citizen who does not have the money to purchase a privately owned fishing stream or to join a hunting or fishing club. Streams which have always been open to fishing are gradually being posted. As a result, most of the public must go to the national forests if they wish to enjoy this sport. Then again, advertising campaigns bring larger numbers of tourists to the state and they are interested mainly in seeing the scenic mountain areas and in fishing. Hence the importance of the national forests for recreation is increasing annually.

In 1930, 2,340,660 people used the national forests of the state for recreation. Of these, 148,000 were hotel, resort, and summer home guests, 220,000 were campers, 332,000 were picnickers who drove out from the towns and cities for one day outings. The remainder were transients passing through the forests over the main highways enroute to distant points or driving over some of the numerous scenic routes for which the Colorado mountains are noted.

Plans have been prepared for the development of the most desirable and largely used recreational areas in the national forests. In these plans recreation is co-ordinated with other forest activities and one form of recreation with another. Public needs, such as campgrounds, are first provided for, after which sites are selected for hotels, resorts, organizational uses, and summer homes. The latter is the

lowest in order of priority because it is a restricted use, but after providing for the public there is ample space for all summer home applicants.

There are 78 hotels and resorts and 496 summer homes under permit in the forests of Colorado. Many attractive lots for summer homes have been surveyed and are available for people who wish to build cabins in the national forests. These lots are a half to an acre in size and can be leased from the local supervisors, the annual fee being \$10 or \$15.

**Primitive Areas**—Fifteen tracts, containing about a million acres, located within the national forests of Colorado, have been designated as primitive or wilderness areas. A wilderness is a region which contains no permanent inhabitants, possesses no possibility of conveyance by any mechanical means and, as a rule, is sufficiently spacious that a person in crossing it is away from direct contact with civilization. The dominant attribute of such an area is that it preserves as nearly as possible the primitive environment, reflecting the conditions of the region before they were influenced by man.

No auto roads will be built in these primitive areas and no resorts, summer homes, or commercial uses of that nature will be permitted. Portions of these areas, which have accessible commercial timber, may be cut over on a conservative basis, but there will be very little timber cutting, as most of the primitive areas are high and inaccessible.

The Gore range area of about 80,000 acres, includes both slopes of that rugged and majestic range. The San Juan-Upper Rio Grande area of about 300,000 acres, includes the country from the Grenadier range almost to the Wolf Creek pass highway and the region on the eastern slope of the Continental Divide around the Rio Grande pyramid.

The Flat Tops area of 118,000 acres in the White River national forest is another example of a primitive area. Others are located around the Mount of the Holy Cross, the Maroon-Snowmass country near Aspen, the Uncompahgre Peak region, and the country around Mt. Shavano.

**Land Exchange**—There is 1,435,497 acres of private and state-owned land within the exterior boundaries of the national forests of Colorado. Of this area 107,598 acres is state school land. The state land board and the United

States forest service are now negotiating an exchange whereby these scattered holdings will be turned over to the forest service for an equal area of government land in one tract. When this exchange is completed, Colorado will have its first state forest.

Much of the private land is permanently adapted to the production of timber and is no longer desired by the owner. In some cases it was taken up for the merchantable timber, which has now been removed, and in other cases it was taken up in the hope of making a successful farm and proved to be worthless. In still other cases it is mineral ground which has been worked out or proved to be valueless. Some of it is used for grazing and some not at all. Often a single owner has acquired a number of widely separated tracts. On March 20, 1922, the president approved the land exchange act which authorizes in general language the exchange of private lands for government lands in the national forests, or authorizes the exchange of private lands for timber of equivalent value. This makes it possible for private owners to consolidate their holdings and to exchange timber producing land for land of greater value for grazing, and at the same time permits the government to consolidate its holdings in more compact bodies of timber land which will be easier of administration and less expensive to protect. Since 1922, 64,014 acres of privately-owned timber producing lands have been acquired in the national forests of the state in exchange for 17,264 acres and 54,467,000 feet of timber selected by private land owners with whom the exchanges were consummated.

**Grazing in National Forests**—Intermixed with the stands of timber on the forests are many parks or open places covered with good forage. There is also much grass and other forage plant growth in the timber where the tree growth is not too heavy. Most of this forage, by conservative uses, can be grazed by stock without injury to the timber. Some areas are closed to grazing in order to protect the slopes of streams which furnish municipal water supplies, and other areas, rock slides, etc., are barren of any forage growth. About 9,200,000 acres of the 13,330,832 net acreage in the national forests of Colorado is used for summer pasturage by about 25 per cent of the cattle and 50 to 60 per cent of the sheep owned in the state. During 1930, 284,614 cattle and horses



were grazed by 2,807 permittees, and 1,081,604 sheep and goats by 923 permittees, in the national forests of the state.

Sheep are grazed in the extremely high portions of the forests, where the snow stays until the latter part of June and begins to fall again in September. They are on the ranges from two and one-half to three months. The lower altitudes are set apart for cattle and horses as a rule. The average grazing season for cattle and horses is about five months.

**Grazing Fees**—A certain fee per head per month, or a per capita charge, is made for grazing permits. Up to and including 1927 the fees were based on a flat annual rate, regardless of variations in character of individual ranges. An intensive appraisal was conducted, which resulted in the revision of fees based upon the worth of the various individual ranges rather than upon a flat rate for all ranges. In 1927 the secretary of agriculture approved that the established increases in fees be applied in installments of 25 per cent each during the years 1928, 1929, 1930, and 1931. In 1931 the average fee for cattle in Colorado is about 17 cents per head per month and for sheep five and one-half cents per head per month. No charge is made for the natural increase, stock under six months of age, which goes in with the parent stock.

**Larkspur Eradication** — Certain poisonous plants on the range kill stock, but it has been found that about 90 per cent of this loss in cattle can be prevented by digging or grubbing the principal poisonous plant, larkspur. Sheep are not affected by this plant and cattle losses are sometimes controlled in part by "sheeping" bad patches of the plant early in the season. During the latter part of 1915 definite grubbing of larkspur was begun in Colorado. The progress of this work at the close of 1930 is indicated in the following figures:

|  |          |
|--|----------|
| Area now infested with poisonous plants .....        | 326,451  |
| Area poisonous plants treated to close of 1930 ..... | 13,362   |
| Total cost of treatment to close of 1930 .....       | \$40,391 |

Experiments were conducted the past summer in the mountains of Colorado on the effectiveness and cost of administering solutions of commercial calcium chlorate to larkspur. Seven strengths were tested, but the costs, which are dependent upon many fac-

tors, appear to make this method of eradication prohibitive.

**Range Improvements** — Constructed range improvements that are at present in use on the national forests of Colorado consisted of the following at the close of 1930:

|  | Mi. or<br>No. | Value     |
|--|---------------|-----------|
| Fences .....                                 | 612           | \$100,062 |
| Corrals .....                                | 50            | 3,843     |
| Stock driveways .....                        | 1,234         | 48,101    |
| Stock bridges .....                          | 8             | 1,814     |
| Water developments<br>(including springs) .. | 274           | 11,528    |

**Game**—Game animals are always interesting and the forest service game census for 1930 shows there are in the national forests of the state approximately 10,500 elk, 3,450 mountain sheep, 100 antelope, 60 Arizona deer, 36,300 mule deer, 2,700 black or brown bear and 17 silvertip bear.

Approximately 5,348,000 fish fry were planted by the forest officers in the state in 1930.

State game refuges have been established within the national forests of the state. The forest service cooperates with the state authorities in the protection of these areas, comprising a total acreage of 3,551,970, of which 2,666,484 acres is within the boundaries of the national forests. In addition to these state game refuges, game areas have been established by administrative restrictions embracing 202,607 acres.

**Fire Control**—During 1930 a total of 166 fires occurred on or threatened the national forests in the state; 110 of these covered only one-fourth of an acre or less, 46 covered one-fourth to 10 acres, and 10 burned over 10 acres or more. The total national forest land burned over was 392 acres, and the damage to timber, reproduction and forage amounted to \$881. Fifty-six of these fires were caused by lightning, 46 by smokers, 28 by campers, 20 by railroads, three by debris burning, two by lumbering, and 11 by miscellaneous causes. The percentage of smokers' fires has increased from 22 per cent to 28 per cent over 1929, and the percentage of campers' fires jumped from 5 per cent in 1929 to 17 per cent in 1930. This shows that campers and smokers in the forested areas are growing more careless. Any one of these fires might have reached serious proportions had it not been for the alertness of forest officers and the local people. In addition to the national forest acreage burned, as indicated above, these fires burned 29 acres of

privately owned land inside the exterior boundaries of the forests and 379 acres outside. It cost the forest service \$4,955 to suppress these fires in Colorado in 1930, in addition to which \$4,586 was paid by other agencies.

On July 1 the regional forester found it necessary to issue an order prohibiting camp fires, except in constructed fire places on improved campgrounds, also the discharge of any kind of fireworks, on the eastern slope national forests, the Pike, Colorado and San Isabel, and this order continued in effect through the month of July, when rains relieved the hazardous conditions.

The worst fire of the season started on June 29 in Gunnison county just outside the Uncompahgre national forest, but was kept from entering the national forest. This fire alone covered 282 acres, damaged timber to the value of \$1,995, and cost over \$4,000 to extinguish. It was caused by a rancher setting fire to a stump.

**Roads**—A comprehensive system of roads and trails has been adopted for the national forests, and the forest service alone or in co-operation with the state or counties is engaged in the improvement of roads on that system, using government and co-operative 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 recommendations by the state highway department, bureau of public roads, and forest service, based upon surveys and estimates prepared by the

bureau of public roads, which also has direct supervision of their construction. Forest development roads and trails are of vital importance in the protection of the forests 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 year 1930, a total of 140.3 miles of new road was constructed by the expenditure of \$419,564. A total of \$319,558 was spent on the construction of forest highways, \$100,006 on forest development roads and \$20,776 on trails, of which 267.7 miles were built during the year. In addition \$45,389 was spent in the maintenance of minor roads and trails during 1930.

**Finances**—The receipts from the sale of timber, grazing, and special use permits, and other uses, amounted to \$564,969.60 during the fiscal year 1930. Twenty-five per cent of this amount, or \$141,242.40, was turned over to the counties, in accordance with the law, for schools and roads. An additional 10 per cent, or \$56,496.96, was spent directly by the forest service for roads and trails in the national forests, this also in accordance with a congressional act authorizing such expenditure.

The total amount spent in the administration of the fourteen forests in Colorado, in operating the regional office in Denver, the experiment station at Colorado Springs, and for the construction and maintenance of roads, trails, telephone lines, ranger stations, etc., was \$1,108,516.93 in 1930.

## Tourist Attractions

COLORADO has in its incomparable climate and wonderful scenery a natural resource of almost incalculable value from an economic standpoint. At the same time it furnishes recreation facilities for thousands of people from all parts of the United States and foreign countries. 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 tourist and pleasure seeker. Camping, hunting, fishing, mountain climbing and other outdoor sports may be enjoyed in regions remote from the

cities and towns or close to inhabited places, as the visitor may choose. Excellent highways make automobile touring a pleasure in the mountains, through the valleys and wherever one desires to go. Federal, state and municipal governments contribute towards the furnishing of accommodations for visitors and have organized means of adding to their comfort and pleasure.

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 commercial clubs 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.

Switzerland has been more successful than perhaps any other country in capitalizing its mountain scenery for profit. Circumstances have aided nature and the energy and enterprise of the Swiss people in making the scenery of that country return a substantial revenue every year. Before the war Switzerland was for many years on nearly all the direct routes of tourist travel through Europe and few persons who visited the continent failed to spend some time in the Alps and to visit the cities and lakes of Switzerland that are so familiar to all European travelers. Before the war estimates placed the revenue derived by the Swiss people from tourist travel as high as \$35,000,000 annually.

Yet Colorado is nearly seven times as large as Switzerland, and its mountain area is fully six times as great. Colorado has at least 43 named peaks and equally as many unnamed peaks that tower more than 14,000 feet above sea level, while Switzerland has but eight. Colorado has fully 1,000 peaks 10,000 feet high and over, while Switzerland has fewer than one-eighteenth as many. Every peak in Colorado is accessible for any careful and reasonably strong mountain climber entirely to its summit, while the highest peaks in Switzerland are accessible to their summits only for hardy and expert climbers and then only under the direction of experienced guides.

There are thousands of beautiful lakes in the mountains of Colorado, many of them of large size and all of them of wonderful beauty. Some of Colorado's lakes, though far less famous than Lake Lucerne, are not surpassed by it in certain characteristics of natural beauty. If they were surrounded by beautiful villas and hotels scores of Colorado's lakes might soon have almost as many admirers as have the lakes of Switzerland. Some of the more easily accessible of our mountain lakes are beginning to be surrounded by the modern conveniences that many tourists and travelers demand, but there will always be in Colorado hundreds of picturesque lakes where fishing is good and where natural beauty is not too much marred by the art of man.

The United States government has recognized the value and importance of Colorado's scenery and natural recreation advantages by the creation of two national parks and four national monuments within the state. These are Rocky Mountain national park, in the north-central part of the state, and Mesa Verde national park, in the southwestern area, and Colorado, Yucca House, Wheeler and Holy Cross national monuments, which are described in more detail under the title, "National Parks and Monuments," in this volume. Hovenweep, another national monument, lies partly in Colorado and partly in Utah.

The government is constantly improving the highways, providing facilities for campers, automobile travelers and other visitors in these parks, while hotel and transportation facilities are all that may be desired. In 1930 there were more than 255,000 visitors in the Rocky Mountain national park, a number exceeded only by the visitors to two other national parks in the country.

Fourteen national forests are located wholly within the boundaries of the state and one—the La Sal—lies partially within its borders. These forests embrace 13,330,832 acres within the state and include nearly all the higher mountain peaks not within the national parks and a very large part of the most beautiful scenery in the state. The forest service is devoting more attention each year to popularizing these forests as national playgrounds and to improving them with roads, trails, shelter houses and other conveniences for travelers. The forest service places the number of people who viewed the scenery, fished in the streams and camped in the woods of the state of Colorado in 1930 at 2,340,660. This compares with 1,617,147 in 1925 and indicates the growing popularity of the national forests. Some of these visitors remained in the forest limits only a few hours, some remaining several weeks and some of them making several visits. The average time spent by each of the visitors within the forest limits, according to the records of the forest service, was three days. Most of them spent much more time than this in the state. Of course, a very considerable number of these forest visitors were Colorado people, but some idea of the vast and growing importance of the state's tourist business may be gathered from the figures here given. A great many of the visitors to the state do not enter

the national forest limits except on railroad trains and hence are not counted in the forest service's enumeration. Many of the visitors to Rocky Mountain national park never enter the national forests.

An idea as to the extent the national forests are used for recreation purposes is given in the figures which show that 191,815 hotels, resorts and club houses and 10,661 residences are under permit within their confines, of which 78 hotels, resorts and club houses and 496 residences are within the national forests of the state. Additional information on the national forests will be found in this volume in a chapter under that heading.

Colorado has many hundreds of miles of streams at high and low altitudes which afford unusually good fishing grounds, and the state is noted for the excellent sport it affords the anglers. The streams are stocked annually by the state game and fish department, the number of trout planted increasing yearly. In 1930 there were 30,000,000 trout planted in the streams by this agency. Big game is abundant in Colorado and conditions are made as favorable as possible for the sportsmen. In another chapter in this book under "Fish and Game" there is much additional data on fishing and hunting opportunities.

In recent years excellent highways have been built into many of the most beautiful mountain districts, and many of the most magnificent mountain peaks which were unknown even to most of the people of Colorado are now coming to be almost as well known as Pikes peak, which in the past was practically the only mountain in Colorado known outside the state. Today there are five or more automobile routes across the state east and west, intersecting north and south highways, and travel is heavy on all of them. More tourists visit Colorado today by automobile than visit it by rail, and automobile travel to the state is increasing much more rapidly than travel by railroad.

Some of the mountain areas that are yet inaccessible because of lack of highways are of exceptional beauty and grandeur and Colorado will for many years be offering each season some new scenic attraction to its visitors. People no longer come to Colorado year after year to see Pikes peak alone, but each year they may visit some new peak, lake or mountain park and none of our visitors of today will live long enough to see all that is

worth while in the Colorado Rockies by making one visit to the state each year.

The characteristics of the Colorado climate that make it so attractive to tourists and healthseekers are its dryness, high percentage of sunshine, moderate air movements, and moderate and equable temperatures. The high altitude affects the climate favorably for persons afflicted with pulmonary and similar diseases, the air being rarer, less humid and generally purer than the air in lower altitudes. A more detailed description of the climatic conditions in the state and their effect on health seekers will be found in another chapter in this volume under the title, "Climatological Data."

Colorado is rich in mineral waters, some of them acknowledged to be of high curative qualities. More than 250 mineral springs and wells in the state have been carefully studied and their waters analyzed by the state geological survey, and there are perhaps as many which have not been analyzed. The largest single group of mineral springs in Colorado is found in and about the city of Steamboat Springs, in Routt county. Among other well-known groups of mineral springs are those at Glenwood Springs, Idaho Springs, Pagosa Springs, Hot Sulphur Springs, Manitou and Canon City. Many of these places are well known health and tourist resorts, some of them having large bathing pools, sanatoria, hotels and other conveniences. One of the springs at Pagosa Springs has an average flow of about 700 gallons per minute, being one of the largest mineral springs in the United States. The waters of many of the Colorado mineral springs are highly radio-active, comparing favorably with the most notable springs in the world in this respect. Temperatures of the waters vary greatly, the highest being that of the Hortense hot springs, near Mt. Princeton, in Chaffee county.

The economic features of the tourist business are important and contribute materially to the prosperity of the state. Expenditures by tourists represent new capital coming in, which is quickly absorbed into all channels of trade and exceeds the state's income from precious minerals many times each year. Municipalities contribute liberally towards the convenience and comfort of tourists and in many of the cities and towns public camp grounds are maintained, where running water, comfort stations, shelters, cooking equipment and other facilities are provided.



## Fish and Game

COLORADO has an elaborate and complete system for the propagation and protection of game and fish and as a result it has achieved an enviable reputation for its hunting and fishing opportunities. There were 120,868 licenses issued in 1930 to residents and non-residents, giving the parties obtaining same the privilege of hunting or fishing in the state during the year. The revenues derived from the sale of these licenses and permits, fines for violations of the laws, the sale of beaver pelts, etc., provide the funds for the operation of a state game and fish department, which has general supervision over the protection of game and fish, the stocking of streams and refuges, and the enforcement of the game laws. The expenditures for this work run from \$200,000 to \$250,000 each year without any appropriations being made out of the public funds.

The state owns and operates 15 hatcheries used in stocking the hundreds of miles of fishing streams with trout. These hatcheries are among the most modern and complete in the United States and have a hatching capacity of 75,000,000 trout each year. The department has recently constructed three large reservoirs and is building a fourth for egg-spawn taking purposes. In former years spawn was taken from wild lakes, but under this system the reservoirs will be used exclusively for that purpose and no trout will be taken from them. These reservoirs are expected to supply sufficient quantities of spawn to permit the operation of the hatcheries at their full capacity of 75,000,000 a year. The young trout are permitted to grow to a length of four to seven inches in retaining or nursing ponds before being planted in the streams, by which time they are sufficiently developed to take care of themselves in the swifter water. The department has developed motor tanks for transporting trout, which by the use of compressed oxygen allowed to flow through ice-cooled compartments aerate the water. This method has resulted in approximately 85 per cent of the fingerlings planted in streams surviving. Ten of these tanks are operated by the department.

In 1929 and 1930 the department planted 30,000,000 trout annually in the streams of the state. This number about represents present requirements and will not be increased until

there is a larger demand. The department in 1930 removed several hundred thousand male trout from 14 to 16 inches in length from the spawning lakes and reservoirs and planted them in streams. It plans to expand this work as the excess of males over females increases and make the planting of trout of lawful size a regular feature.

Colorado ranks first among the states in the propagation of trout, and with its hundreds of miles of well-stocked streams, makes a fisherman's paradise.

The season for stream fishing in Colorado is from May 25 to October 31, inclusive, and all fishermen are required to obtain licenses. The game and fish department has planted more than 244,000,000 trout in the streams of the state in the past twelve years. The following table shows the number planted by years:

| Year | Trout Distributed |
|------|-------------------|
| 1919 | 10,389,000        |
| 1920 | 13,076,500        |
| 1921 | 12,011,000        |
| 1922 | 16,871,000        |
| 1923 | 18,117,000        |
| 1924 | 19,078,000        |
| 1925 | 19,921,000        |
| 1926 | 24,019,000        |
| 1927 | 25,000,000        |
| 1928 | 26,000,000        |
| 1929 | 30,000,000        |
| 1930 | 30,000,000        |

The United States forest service also maintains hatcheries at several points in the state and in 1930 distributed 5,348,000 fish fry in the streams of the national forests. A number of private hatcheries are operated in the state for supplying trout for market purposes. The state game and fish department also supplies large quantities of bass and ring perch for lakes. An accompanying table shows the number of licenses of all classes issued by the game and fish department by years.

Big game still is found rather abundantly in Colorado, including deer, antelope, bear, elk, mountain lion, gray wolf and coyote. In an article in this book devoted to the national forests of the state will be found approximate estimates of the numbers of various kinds of big game found within the national forests. The numbers found outside the forest boundaries bring the totals considerably above the figures there given, but no accurate survey has been made except within the forests. There is also much small game,

including sage hen, grouse, pheasant, dove, wild duck, rabbit, squirrel and other varieties. In recent years the state has exercised strict supervision over the killing of game, and such protective measures as have been adopted and enforced have had the effect of increasing the supply of many kinds of the larger game birds and animals which were in danger of extinction. There is open season on practically all game, and the regulations under which game may be killed may be obtained from the state game and fish commissioner at the state capitol.

**Game Refuges**—There are now within the state 22 protected areas 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 commissioner. Two of these areas were created by the Twenty-seventh general assembly in 1929. Exclusive of these last two, these areas comprised 3,146,053 acres, of which 2,620,657 acres are in national forests. The areas are known as game refuges, or sanctuaries, the following having been created by the state legislature in 1921:

The Colorado State game refuge, in Larimer and Boulder counties, surrounding the Rocky Mountain national park on the north, east and south. This refuge lies within the borders of the Colorado national forest.

The Pikes Peak game refuge, in El Paso and Teller counties, including much of the area about Pikes peak and being within the Pike national forest.

The Spanish Peaks game refuge, in the southwestern part of Huerfano county and extending into western Las Animas county, in the San Isabel national forest.

The Denver Mountain Parks game refuge, west of the city of Denver, in Jefferson, Clear Creek and Park counties, including the Denver mountain parks.

The Colorado Antelope refuge, comprising four townships in Larimer and Weld counties, north of Wellington.

Eight additional game reserves were created by the State legislature in 1923, as follows:

Royal Gorge game refuge, west of Canon City, in Fremont county.

Poncha Pass game refuge, in Gunnison and Saguache counties, west of Salida.

Cochetopa game refuge, in the Cochetopa national forest, in Saguache, Mineral and Hinsdale counties.

Ouray game refuge, between Ouray and Telluride, in San Juan county.

Gunnison game refuge, partly in the Gunnison national forest, in Gunnison county.

Snowmass game refuge, in the Sopris national forest, in Pitkin county.

Williams Fork game refuge, surrounding Hot Sulphur Springs, in Grand county.

North Park game refuge, in the central-north part of Jackson county, adjoining the Wyoming boundary.

The legislature in 1925 created five additional reserves, as follows:

Newlon Creek game refuge, Fremont county; Waugh Mountain game refuge, west of Cripple Creek, in Fremont county; Buffalo Peak game refuge, at Leadville, in Lake county; White River game refuge in White River national forest, Rio Blanco county; and the Cameron game refuge, in the south-central part of Jackson county.

The legislature in 1929 created two additional reserves, as follows:

Smith's Hollow game refuge, in Pueblo county, south of the city of Pueblo, and the Douglas Mountain refuge, in Moffat county, just east of the Utah boundary.

The legislature in 1930 enlarged the area of the Newlon Creek refuge in Fremont county and created two new refuges, the Two Buttes refuge in southern Prowers county and the Carrizo refuge in the southwestern part of Baca county.

**Predatory Animal and Rodent Control**—For the protection of crops, livestock and game, the bureau of biological survey of the United States department of agriculture co-operates with the state board of stock inspection commissioners in predatory animal control, and with the state board of agriculture through the Agricultural Extension service, in rodent control. Livestock associations, counties, individuals, and the forest service also co-operate in these control activities.

During the fiscal year 1930 co-operative predatory animal control accounted for 3,342 coyotes, 207 bobcats, 27 lynx, 1 wolf, 2 mountain lions, and 40 stock-killing bear.

In co-operative rodent control campaigns a total of 126,365 pounds of



poisoned baits has been distributed. The poisoned bait was used in the treating of 379,146 acres for the control of prairie dogs, and 109,122 acres for the control of ground squirrels.

More than 2,300 pounds of poisoned bait was placed for the control of rats, and assistance was given many individuals in jackrabbit and pocket-gopher control.

**HUNTING AND FISHING LICENSES SOLD IN COLORADO, BY YEARS**  
(State Game and Fish Commissioner)

| YEAR       | Resident<br>Combina-<br>tion Hunt-<br>ing and<br>Fishing | Resident<br>Big<br>Game | Non-<br>Resident<br>Fishing | Non-<br>Resident<br>Hunting | Non-<br>Resi-<br>dent<br>Big<br>Game | Total   |
|------------|--|-------------------------|-----------------------------|-----------------------------|--------------------------------------|---------|
| 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 |

## Irrigation Development

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 pro-rated 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 com-

munity 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 890,775 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. The state lies at the top of the Continental Divide and its principal streams flow in all directions. To the east, the Arkansas and South Platte flow into Kansas and Nebraska; to the west, the Colorado flows into Utah; to the north, the North Platte flows into Wyoming; and to the south the Rio Grande del Norte flows into New Mexico. 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 68 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 appointed 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.

Under the laws of the state as they now stand, the state engineer has no authority to compel the furnishing of statistics, but through the co-operation of the division engineers and the water commissioners, the gathering of data each year has been put upon a more reliable basis. 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. There are at present in use in the state 209 automatic recording devices on ditches and canals, and 113 at stream gauging stations.

The United States census reports show that a total of \$88,302,442 had been invested in irrigation enterprises in the state up to 1920. Of that amount only 0.3 per cent had been invested prior to 1860. The period between 1860 and 1869 was particularly active, the investment reaching \$14,410,037, or 16.3 per cent of the total. The largest for any decade, however, was between 1880 and 1889, when \$17,150,419 was invested, or 19.4 per cent of the total up to 1920. There was considerable work done in the 10 years preceding the World war, but from 1915 to 1919 the investment dropped to \$550,890, or 0.6 per cent, the lowest since 1860. Since 1920 no major projects of outstanding importance have been completed.

The 1930 census enumeration included irrigation in all its phases, but up to this writing only the preliminary figures on acreage irrigated, acreage enterprises were capable of irrigating and irrigable acreage in enterprises in 1929 have been released. These show



that 3,426,022 acres was irrigated in 1929, which compares with 3,348,385 acres in 1919, an increase of 77,637 acres, or 2.3 per cent. The enterprises operating in 1930 were capable of irrigating 4,122,073 acres, as against 3,555,348 acres in 1919, an increase of 266,725 acres, or 6.9 per cent. There was 4,569,801 acres of irrigable land in enterprises in 1930, which compares with 5,220,588 acres in 1919, a decrease of 650,787 acres or 12.5 per cent.

The development of drainage enterprises to recover land that is unfit for cultivation unless drained of excess water showed considerable progress between 1919 and 1929. In the last named year, according to the preliminary 1930 census, capital invested in drainage enterprises in the state amounted to \$4,359,616, most of which is confined to 10 counties. In 1929 there was 336,139 acres in drainage enterprises compared with 171,655 acres in 1919, an increase of 95.8 per cent. These enterprises reported 818 miles of open ditches and 369 miles of tile drains in 1929.

A table published herewith gives the preliminary census figures on irrigation and drainage in 1929 by counties. Statistics on irrigation enterprises in 1919, by counties, showing number of enterprises, mileage of ditches, capital invested, etc., was published in the 1930 edition of the Year Book. These for the state, as a whole, are as follows:

### Irrigation in 1919

|   |              |
|---|--------------|
| Number of farms irrigated in 1919 .....                     | 28,756       |
| Acreage irrigated in 1919.....                              | 3,348,385    |
| Acreage enterprises were capable of irrigating in 1920..... | 3,855,348    |
| Acreage included in irrigation projects in 1920.....        | 5,220,588    |
| Main ditches—Number, 1920..                                 | 8,867        |
| Length, miles.....  | 19,022       |
| Laterals—Number, 1920.....                                  | 6,185        |
| Length, miles.....  | 8,571        |
| Reservoirs—Number, 1920....                                 | 979          |
| Capacity, acre-feet.....                                    | 2,406,372    |
| Flowing wells—Number, 1920                                  | 476          |
| Capacity, gallons per minute                                | 20,139       |
| Pumped wells—Number, 1920                                   | 527          |
| Capacity, gallons per minute                                | 210,094      |
| Pumping plants — Number, 1920 .....                         | 406          |
| Capacity, gallons per minute                                | 299,726      |
| Average lift, feet.....                                     | 23           |
| Cost of irrigation enterprises up to January 1, 1920.....   | \$88,302,442 |
| Estimated final cost of existing irrigation enterprises..   | \$95,198,423 |

Soil to which water is applied by irrigation as needed produces larger yields per acre than the non-irrigated lands as a rule. This fact may not readily be realized from a study of crop reports unless the distinction is closely watched, if average yields are based on lands both irrigated and non-irrigated. For instance, the average yield of corn in the state in 1919 was 13.4 bushels to the acre. The average on irrigated land was 25 bushels and on non-irrigated land, 12.6 bushels to the acre. Winter wheat yielded an average of 13.3 bushels per acre for the state as a whole, while the average yield on non-irrigated lands was 12.1 bushels and on irrigated lands, 22.9 bushels.

### DRAINAGE ENTERPRISES, BY COUNTIES, 1929

NOTE: Preliminary census figures, subject to revision.

| COUNTY          | Land in drainage enterprises in 1929 (acres) | Drainage condition in 1929                       |   |   | Land in occupied farms |                              | Capital invested in enterprises |
|-----------------|--|--|---|---|------------------------|------------------------------|---------------------------------|
|                 |  | Land unfit for crop for lack of drainage (acres) | Land drained, fit for normal crop (acres) | Land partly drained, fit for partial crop (acres) | Total land (acres)     | Land planted in 1929 (acres) |                                 |
| Alamosa.....    | 34,485                                       | 128  | 29,363                                    | 4,994   | 19,603                 | 14,003                       | \$ 308,494                      |
| Bent.....       | 23,112                                       | 380  | 22,712                                    | -----   | 22,692                 | 21,502                       | 259,150                         |
| Conejos.....    | 36,871                                       | -----  | 34,040                                    | 2,831   | 21,040                 | 20,040                       | 581,400                         |
| Crowley.....    | 28,867                                       | 1,000  | 1,200                                     | 3,378   | 27,960                 | 25,919                       | 519,000                         |
| Mesa.....       | 68,831                                       | 1,250  | 54,293                                    | 13,288  | 61,101                 | 48,824                       | 1,164,568                       |
| Otero.....      | 14,445                                       | 370  | 12,446                                    | 59  | 14,275                 | 11,818                       | 352,000                         |
| Prowers.....    | 47,593                                       | 22,262   | 39,234                                    | 503   | 47,593                 | 46,824                       | 539,050                         |
| Rio Grande..... | 54,610                                       | 920  | 53,690                                    | -----   | 47,930                 | 42,580                       | 410,724                         |
| Saguache.....   | 16,720                                       | 80   | 16,120                                    | 520   | 9,220                  | 7,400                        | 82,080                          |
| Weld.....       | 7,642  | 350  | 7,232                                     | 60  | 7,642                  | 7,232                        | 68,150                          |
| All other.....  | 2,963  | -----  | 2,250                                     | 713   | 2,250                  | 2,250                        | 75,000                          |
| State.....      | 336,139                                      | 26,740   | 273,180                                   | 26,346  | 281,306                | 248,392                      | \$4,359,616                     |

COLORADO IRRIGATION STATISTICS

NOTE.—The 1930 census figures are preliminary and subject to correction.

| COUNTY           | Acreage irrigated |           |                        | Acreage Enterprises Were Capable of Irrigating |           |                        |
|------------------|-------------------|-----------|------------------------|--|-----------|------------------------|
|                  | 1929              | 1919      | Per Cent of In-crease* | 1930   | 1920      | Per Cent of In-crease* |
| Adams -----      | 67,121            | 66,407    | 1.1                    | 112,822  | 68,065    | 65.8                   |
| Alamosa -----    | 140,945           | 89,805    | 57.0                   | 155,705  | 168,625   | —7.7                   |
| Arapahoe -----   | 29,527            | 25,674    | 15.0                   | 30,497   | 26,137    | 16.7                   |
| Archuleta -----  | 16,145            | 11,933    | 35.3                   | 19,291   | 13,289    | 45.2                   |
| Baca -----       | 2,819             | 2,287     | 23.3                   | 3,779  | 12,020    | —68.6                  |
| Bent -----       | 64,338            | 128,712   | —50.0                  | 65,122   | 133,372   | —51.2                  |
| Boulder -----    | 162,294           | 159,781   | 1.6                    | 184,762  | 174,736   | 5.7                    |
| Chaffee -----    | 26,955            | 29,623    | —9.0                   | 30,464   | 30,113    | 1.2                    |
| Conejos -----    | 121,397           | 139,504   | —13.0                  | 154,283  | 152,346   | 1.3                    |
| Costilla -----   | 48,272            | 36,771    | 31.3                   | 109,957  | 43,906    | 150.4                  |
| Crowley -----    | 56,271            | 57,789    | —2.6                   | 69,971   | 58,735    | 19.1                   |
| Custer -----     | 34,249            | 24,241    | 41.3                   | 36,145   | 33,548    | 7.7                    |
| Delta -----      | 112,827           | 93,509    | 20.7                   | 141,035  | 127,469   | 10.6                   |
| Denver -----     | 892               | 4,000     | —77.7                  | 892  | 4,000     | —77.7                  |
| Dolores -----    | 630               | 1,023     | —38.4                  | 710  | 2,361     | —69.9                  |
| Douglas -----    | 6,474             | 8,696     | —25.6                  | 9,557  | 10,391    | —8.0                   |
| Eagle -----      | 28,221            | 30,025    | —6.0                   | 31,925   | 31,073    | 2.7                    |
| Elbert -----     | 2,487             | 1,175     | 111.7                  | 6,282  | 1,790     | 250.9                  |
| El Paso -----    | 20,693            | 18,143    | 14.1                   | 33,911   | 22,047    | 53.8                   |
| Fremont -----    | 25,695            | 29,884    | —14.0                  | 32,047   | 35,697    | —10.2                  |
| Garfield -----   | 69,844            | 73,473    | —4.9                   | 80,357   | 93,814    | —14.3                  |
| Grand -----      | 28,369            | 39,857    | —28.8                  | 42,093   | 43,092    | —2.3                   |
| Gunnison -----   | 41,874            | 48,280    | —13.3                  | 48,183   | 52,467    | —8.2                   |
| Hinsdale -----   | 5,627             | 3,675     | 53.1                   | 6,399  | 3,880     | 64.9                   |
| Huerfano -----   | 31,564            | 29,081    | 8.5                    | 44,425   | 32,119    | 38.3                   |
| Jackson -----    | 118,180           | 136,942   | —13.7                  | 149,315  | 149,325   | —0.0                   |
| Jefferson -----  | 58,204            | 70,788    | —17.8                  | 58,780   | 73,635    | —20.2                  |
| Kit Carson ----- | 651               | †         | ---                    | 660  | †         | ---                    |
| Lake -----       | 4,242             | 6,397     | —33.7                  | 4,242  | 7,088     | —40.0                  |
| La Plata -----   | 95,444            | 63,755    | 49.7                   | 118,188  | 78,227    | 51.1                   |
| Larimer -----    | 173,258           | 169,356   | 2.3                    | 181,059  | 188,047   | —3.7                   |
| Las Animas ----- | 32,342            | 40,400    | —20.0                  | 48,303   | 43,857    | 10.1                   |
| Logan -----      | 111,378           | 85,079    | 30.9                   | 123,616  | 105,916   | 16.7                   |
| Mesa -----       | 137,528           | 102,607   | 34.0                   | 179,019  | 140,104   | 27.8                   |
| Mineral -----    | 2,563             | 6,865     | —62.7                  | 3,172  | 9,950     | —68.1                  |
| Moffat -----     | 18,138            | 17,439    | 4.0                    | 30,091   | 24,224    | 24.2                   |
| Montezuma -----  | 62,561            | 44,083    | 41.9                   | 84,088   | 44,795    | 87.7                   |
| Montrose -----   | 84,648            | 94,757    | —10.7                  | 105,690  | 123,905   | —14.7                  |
| Morgan -----     | 105,277           | 132,231   | —20.4                  | 115,333  | 153,796   | —25.0                  |
| Otero -----      | 88,083            | 120,198   | —26.7                  | 106,168  | 124,879   | —15.0                  |
| Ouray -----      | 20,401            | 14,016    | 45.6                   | 23,431   | 23,092    | 1.5                    |
| Park -----       | 43,963            | 49,793    | —11.7                  | 45,495   | 52,029    | —12.6                  |
| Pitkin -----     | 17,461            | 12,994    | 34.4                   | 25,118   | 15,172    | 65.6                   |
| Prowers -----    | 112,514           | 76,322    | 47.4                   | 127,835  | 81,508    | 56.8                   |
| Pueblo -----     | 69,944            | 75,454    | —7.3                   | 98,732   | 88,699    | 11.3                   |
| Rio Blanco ----- | 30,018            | 28,046    | 7.0                    | 34,438   | 32,742    | 5.2                    |
| Rio Grande ----- | 159,415           | 206,258   | —22.7                  | 174,221  | 227,167   | —23.3                  |
| Routt -----      | 59,580            | 50,735    | 17.4                   | 78,890   | 61,123    | 29.1                   |
| Saguache -----   | 165,000           | 137,581   | 19.9                   | 180,000  | 153,391   | 17.3                   |
| San Miguel ----- | 18,054            | 18,634    | —3.1                   | 21,466   | 22,811    | —5.9                   |
| Sedgwick -----   | 22,375            | 21,510    | 4.0                    | 23,985   | 23,050    | 4.1                    |
| Summit -----     | 9,204             | 9,831     | —6.4                   | 11,354   | 10,986    | 3.4                    |
| Teller -----     | 550               | 1,464     | —62.4                  | 630  | 1,540     | —59.1                  |
| Washington ----- | 11,120            | 9,335     | 19.1                   | 11,705   | 10,095    | 15.9                   |
| Weld -----       | 444,702           | 382,701   | 16.2                   | 500,562  | 395,444   | 26.6                   |
| Yuma -----       | 2,725             | 8,254     | —67.0                  | 3,805  | 10,182    | —62.6                  |
| All Other -----  | 969               | 1,212     | ---                    | 2,068  | 3,477     | ---                    |
| Total -----      | 3,426,022         | 3,348,385 | 2.3                    | 4,122,073                                      | 3,855,348 | 6.9                    |

\*Minus sign denotes decrease.

†Included in "All Others."



## RELATED RUNOFF FOR COLORADO STREAMS

Period October 1, 1929, to September 30, 1930

(Compiled by the State Engineer)

| STREAM                                      | Total Runoff |                  | July to Sept. (Inclu.) |                  | Years Record |
|---|--------------|------------------|------------------------|------------------|--------------|
|   | Acre-Feet    | Per Cent of Mean | Acre-Feet              | Per Cent of Mean |              |
| South Platte River at So. Platte (1)-----   | 301,200      | 106              | 150,200                | 146              | 39           |
| Clear Creek near Golden-----                | 156,200      | 84               | 55,300                 | 83               | 21           |
| St. Vrain at Lyons-----                     | 58,800       | 57               | 32,400                 | 92               | 41           |
| Cache La Poudre at Mouth Canon-----         | 222,000      | 69               | 82,200                 | 92               | 47           |
| Arkansas River at Canon City-----           | 489,300      | 89               | 160,300                | 96               | 43           |
| Purgatoire River at Trinidad-----           | 73,100       | 99               | 42,700                 | 138              | 23           |
| Rio Grande near Del Norte (1)-----          | 597,500      | 82               | 157,800                | 87               | 41           |
| Saguache Creek near Saguache-----           | 34,600       | 53               | 15,600                 | 84               | 20           |
| Conejos River near Mogote-----              | 214,200      | 75               | 37,900                 | 61               | 28           |
| Colorado River at Glenwood Springs (2)----- | 2,111,600    | 91               | 498,000                | 91               | 31           |
| Fraser River near West Portal (2)-----      | 32,300       | 96               | 9,500                  | 95               | 20           |
| Blue River near Dillon (2)-----             | 82,500       | 86               | 29,400                 | 95               | 20           |
| Dolores River at Dolores-----               | 305,100      | 89               | 53,200                 | 100              | 21           |
| Yampa River at Steamboat Springs-----       | 340,600      | 90               | 34,800                 | 83               | 24           |
| White River near Meeker-----                | 485,700      | 100              | 99,900                 | 101              | 27           |

(1) Corrected for storage.

(2) Stations maintained by State Engineer's office in co-operation with the United States Geological Survey.

## United States Reclamation Projects

THERE are in Colorado two great irrigation systems constructed by the United States reclamation service for the irrigation of arid lands in Mesa, Montrose and Delta counties, on the Western Slope. These two projects, which eventually will bring under irrigation approximately 135,000 acres, will represent a total investment of \$11,000,000. At the present time they are maintaining a population of 6,792 on the farms, and including the towns within the districts, the population is well above 15,000.

The estimated farm value of the crops in recent years is as follows:

|            |             |
|------------|-------------|
| 1928 ..... | \$2,817,798 |
| 1929 ..... | 2,785,257   |
| 1930 ..... | 2,078,435   |

The area farmed in 1930 was approximately 78,000 acres. Within their limits were 5,270 horses, 5,929 dairy cattle, 5,013 beef cattle, 9,416 swine, 13,798 sheep and 120,803 poultry.

More detailed information concerning each of the two projects is contained in the following data, obtained from the superintendent of each.

## THE UNCOMPAGHGRE PROJECT

The area irrigated under this project lies in Montrose and Delta counties at an elevation of 4,900 feet above sea level at the lower end and ranging up to 6,400 feet at the upper end. The water is secured by diversion from the Uncompahgre river, supplemented by water from the Gunnison river diverted through the Gunnison tunnel into the Uncompahgre valley. The system is complete and represents an expenditure of approximately \$6,713,584. The water supply is considered adequate for the acreage to be irrigated.

A total of 59,998 acres was farmed under the project in 1930, and total crop production was valued at \$1,606,250. The principal crops in the order of their importance were as follows: Alfalfa, wheat, potatoes, sugar beets, oats, corn, onions, apples and beans. Based on irrigable acreage, the average size of farms under the project is 38.0 acres, and based on acreage actually irrigated, 31.6 acres. The livestock census within the area showed 4,270 horses, 4,928 dairy cattle, 4,951 beef cattle, 8,295 swine, 12,380 sheep and 98,636 hens and other poultry.

The farm population of the project is estimated at 5,616 and the town population, including Montrose, Olathe and Delta, at 7,888—a total population of 13,504 people wholly or partially dependent upon the irrigation of lands within its limits. The assessed valuation of all real and personal property in the project was about \$6,000,000 in 1930.

There are only a few acres of government homestead land available in the project, but privately owned lands may be secured by purchase. The United States government exercises no restriction relative to the sale of such privately owned lands except that water rights for such land cannot be granted in excess of 160 irrigable acres. The terms upon which such 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. On the west side of the Uncompahgre river the land consists generally of sandy loams, underlaid with gravel, while on the east side of the river the adobe type of soil predominates.

The approximate cost per acre for irrigation water is fixed by the adjusted cost of the project, the rate fixed at present being \$52.00 for what is known as Class 1 land. In accordance with legislation passed by Congress on May 25, 1926, a contract was executed by the members of the Uncompahgre Valley Water Users association, providing for a reduction in the total cost per acre from \$70.00 per acre to \$52.00 per acre, and the term of payments is extended over a period of 40 years from December 1, 1922, instead of over a period of 20 years, as had been in effect.

Operation and maintenance charges in effect for 1931 provide for a minimum charge of \$1.80 per acre annually for lands on the west side of the Uncompahgre river, entitling such lands to four acre-feet of water, and a minimum charge of \$1.35 per acre annually for lands on the east side of the Uncompahgre river, entitling such lands to three acre-feet of water. Excess water over these amounts is furnished at the rate of 45 cents per acre-foot.

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

## THE GRAND VALLEY PROJECT

The area irrigated under this project lies in Mesa county, near Grand Junction, at an elevation of 4,700 feet. Water is secured by direct diversion from the Colorado river. The project will cost approximately \$4,500,000 when completed. It includes the gravity division, now 98 per cent complete, and the pumping division, on which little construction work has been undertaken. The supply of water is adequate for the acreage to be irrigated.

Approximately 18,000 acres of the gravity division is now being farmed, and in 1930 produced crops with a value of \$472,185, or an average of \$31.27 per acre cropped. The principal products were alfalfa, sugar beets, beans, tomatoes, potatoes and grains. The livestock census for 1930 shows that there were on this area 1,000 horses and mules, 62 beef and 1,001 dairy cattle, 1,418 sheep, 1,121 swine, 5,867 turkeys and 16,300 hens. There are 275 families, with a total population of 1,176 residing on the farms.

At the present time there are 3,000 acres of government homestead land within the gravity division of the project and 3,800 acres within the pumping division, but none of the acreage is open to filing at this time. It is estimated that there are 3,000 acres of privately owned land within the gravity division and 4,700 acres under the pumping division which can be purchased with a small cash payment and liberal terms on the balance. The land is generally of good quality.

The cost of the water right for these lands has been established by contract with the United States at \$83.45, probably reduced by certain credits and payable over a period of 40 years without interest. The average maintenance charge is \$2.75 per acre annually, subject to change as operation and maintenance costs fluctuate.

In addition to this project the reclamation bureau has just completed the reconstruction of the irrigation system for an area of 10,000 acres of land in the Orchard Mesa irrigation district. A total expenditure of nearly \$1,000,000 insures an adequate and dependable water supply for the highly fertile land, of which more than one-half is now in a high state of cultivation, nearly 3,500 acres being idle. This district offers unusual opportunities for fruit growing and general farming.

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



## Climatological Data

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 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. A table is published in this volume showing monthly and annual mean temperatures at 78 stations in as many different localities, which affords more comprehensive information upon the subject.

The weather-reporting station of lowest mean annual temperature is at Fraser, in Grand county, where the yearly average is 31.9 degrees, and the highest mean temperature is recorded at Lamar, in Prowers county, where the annual average is 54.4. At Fraser the month of January shows an average of 11.6 degrees, compared with 31.2 degrees at Lamar, while July averages 53.2 degrees, compared with 77.8 degrees at Lamar.

### 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 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 over a period of 53 years averages 53 per cent. In other words, the air at Denver contains just a little more than half of the moisture it could possibly contain.

Out of 70 typical cities of the United States, Denver has the lowest relative humidity of all of them with five exceptions. These are Phoenix, Arizona, 42 per cent; Santa Fe, New Mexico, 49 per cent; Winnemucca, Nevada, 52 per cent; El Paso, Texas, 40 per cent; and Salt Lake City 52 per cent. Denver's 53 per cent compares with some of the other cities as follows: Albany, 75 per cent; Atlanta, 72 per cent; Boston, 71 per cent; Chicago, 74 per cent; Galveston, 81 per cent; Kansas City, 64 per cent; Omaha, 69 per cent; Los Angeles, 64 per cent; San Francisco, 80 per cent.

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.

## 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 Wortman, in Lake county, at an altitude of 11,250 feet above sea level. The average annual snowfall at that point over a period of 10 years was 276.5 inches, or a fraction more than 23 feet a year. The snow drifts into canons and ravines, where it packs and is gradually released by the warm sun during the spring and summer months.

At Fairview, in Custer county, elevation 9,500 feet, the annual snowfall averages 241.6 inches. Lake Moraine, in El Paso county, 10,265 feet above sea level, is in a district where the snowfall has averaged 160.2 inches a year for a period of twenty-one years. Cumbres pass, in Conejos county, at an elevation of 10,015 feet, which is

traversed by a railroad, averaged 217.9 inches over a period of eight years. Silverton, San Juan county, elevation 9,285 feet, averaged 223.2 inches for a period of six years. Telluride, San Miguel county, elevation 8,800 feet, averaged 171.0 inches for nine years. Breckenridge, in Summit county, elevation 9,534 feet, averaged 183.8 inches a year over a period of nineteen years.

## GLACIERS

The snow which falls in the mountains during the winter does not all melt in the following summer. When it packs hard in the ravines and remains for many years it forms glaciers. Colorado has a number of glaciers, one of the largest being the Arapahoe glacier at the crest of the Continental Divide between North and South Arapahoe peaks at an altitude of 13,500 feet, in the Colorado national forest. In a former geological age it extended down towards the plains but now is about a mile wide. It flows at the rate of 27½ feet per year and its melting gives rise to a chain of beautiful lakes in the valley below. The St. Vrain glacier, on the east side of Mt. Hiamova, is supposed to contain the oldest ice of the group—that melting in current years having been 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. J. M. Sherier, meteorologist of the United States weather bureau, has compiled a chart showing average climatic data for Denver from 1872 to 1925, inclusive, a period of 53 years. The average temperature in degrees Fahrenheit for the 53 years is as follows:

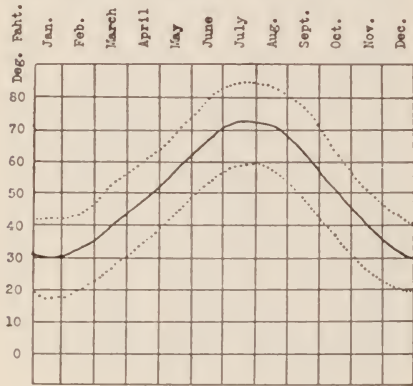
| Month           | Max. | Min. | Average |
|-----------------|------|------|---------|
| January .....   | 43   | 18   | 30      |
| February .....  | 44   | 20   | 32      |
| March .....     | 52   | 27   | 39      |
| April .....     | 60   | 35   | 47      |
| May .....       | 69   | 44   | 56      |
| June .....      | 80   | 53   | 67      |
| July .....      | 85   | 59   | 72      |
| August .....    | 84   | 58   | 71      |
| September ..... | 77   | 49   | 63      |
| October .....   | 64   | 38   | 51      |
| November .....  | 52   | 27   | 40      |
| December .....  | 44   | 20   | 32      |
| Year .....      | 63.0 | 37.2 | 50.1    |

The highest temperature recorded in Denver during the 53 years was in August, 1878, when the thermometer registered 105 degrees, and the lowest



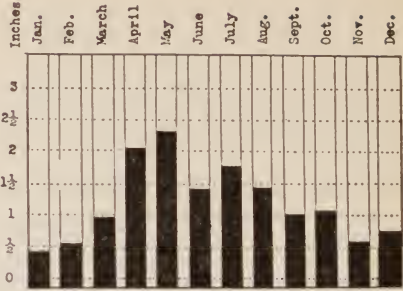
was in January, 1875, when the temperature dropped to 29 degrees below zero. The thermometer never reached zero from April to September, inclusive, in the 53 years, and went below zero in October only once, in 1917, when it dropped to 2 degrees below. In 1888 the thermometer rose to 76 degrees in January.

The following chart shows the average maximum and minimum mean temperature over a period of 53 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.

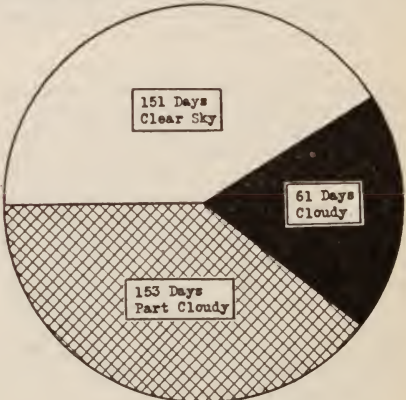


The average yearly rainfall in Denver during the 53 years was 14.27 inches. January is the driest month of the year, with February, November and December following in the order named, the precipitation averaging 1 inch or less per month six months out of the year. April and May are the months of greatest precipitation, with July, August and June following in the order named. The maximum precipitation recorded in any 24-hour period during the 53 years was 6.53 inches in May, 1876, and the maximum for any year was 22.96 inches, in 1909. The average snowfall is 54.2 inches, March, December and April 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 29 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. The following chart shows the average monthly precipitation in inches for the period of 53 years.



The sun shines 67 per cent of the time in Denver as shown by the records over a period of 53 years. The sky is clear on an average of 151 days out of every 365 and is cloudy only 61 days. It is partly cloudy 153 days in the year. The following chart shows the proportionate division of the year between clear, cloudy and partly cloudy days:



VELOCITY OF WINDS

The average velocity of winds in Colorado as computed by the United States weather bureau from measurements taken at stations named, in miles per hour, is as follows:

|                      |      |
|----------------------|------|
| Denver .....         | 7.4  |
| Pueblo .....         | 7.2  |
| Wagon Wheel Gap..... | 6.3  |
| Durango .....        | 5.6  |
| Grand Junction.....  | 5.4  |
| Las Animas.....      | 7.9  |
| Pikes Peak.....      | 20.7 |

The average velocity of the wind in Denver is 7.4 miles per hour, the prevailing direction being from the south. March and April are the windiest months, the average being 8.2 and 8.4 miles per hour.

Revised weather bureau records show that the highest velocity ever recorded in Denver was 60 miles an hour, on August 6, 1877. Wind with a velocity

of 3 to 5 miles an hour is classed as light air; of 10 miles an hour, a light breeze; of 20 miles an hour, a gentle breeze; of 70 miles an hour, a storm; and 80 miles an hour, a hurricane. Under this classification, it will be observed that the wind of August 6, 1877, did not quite reach the velocity of a storm. The force of that storm was approximately 15,000 pounds per square foot. The wind traveled at the rate of about 5,300 feet a minute.

### GROWING SEASONS

The records of the weather bureau show that Grand Junction has the longest growing season recorded anywhere in the state, the period between first and last frosts in that district averaging, over a period of 20 years, 184 days. In Canon City the average growing season is 163 days; in Boulder,

165; in Denver, 158; in Lamar, 168, and in Pueblo, 165. These are the regions of longest periods between late and early frosts, but 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. While there are limited districts in the state where irrigation water is not available and the rainfall is not sufficient to carry crops through a long, warm summer, in most sections except the southwest proper soil treatment and the planting of crops which experience has shown to require comparatively little moisture have made non-irrigated farming highly successful.

### RELATIVE HUMIDITY OF 24 TYPICAL CITIES IN THE U. S.

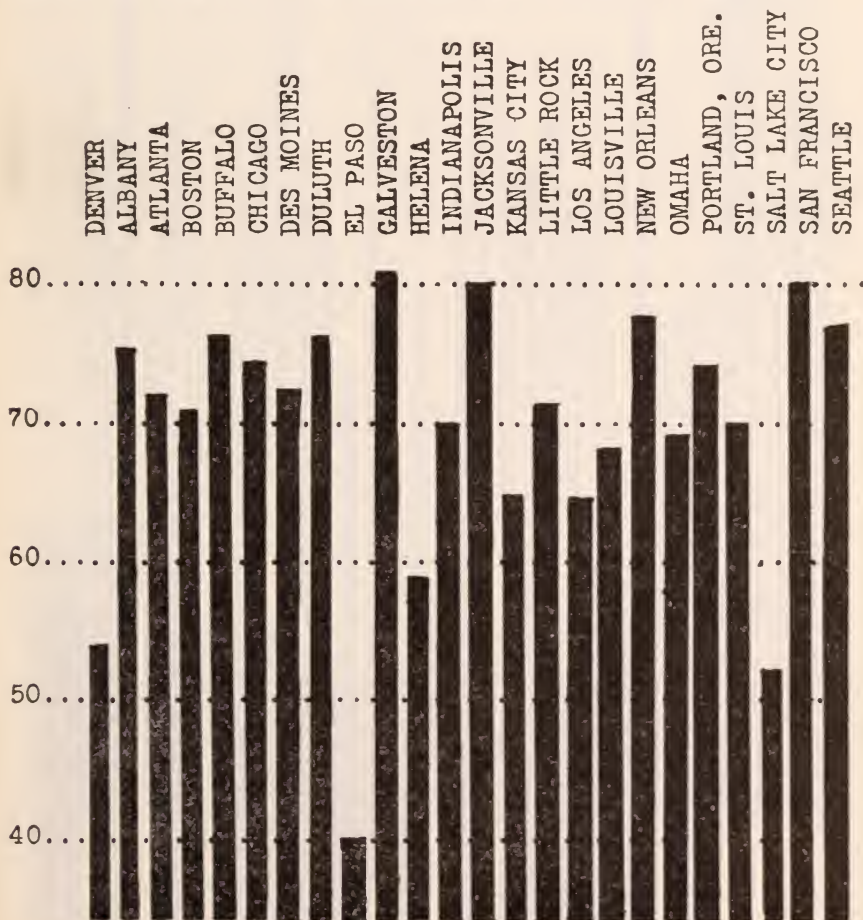




CHART SHOWING HOURS OF SUNRISE, SUNSET, DARKNESS, AND DAYLIGHT AT DENVER, COLORADO SPRINGS, PUEBLO AND OTHER LOCATIONS ON APPROXIMATELY THE SAME MERIDIAN.

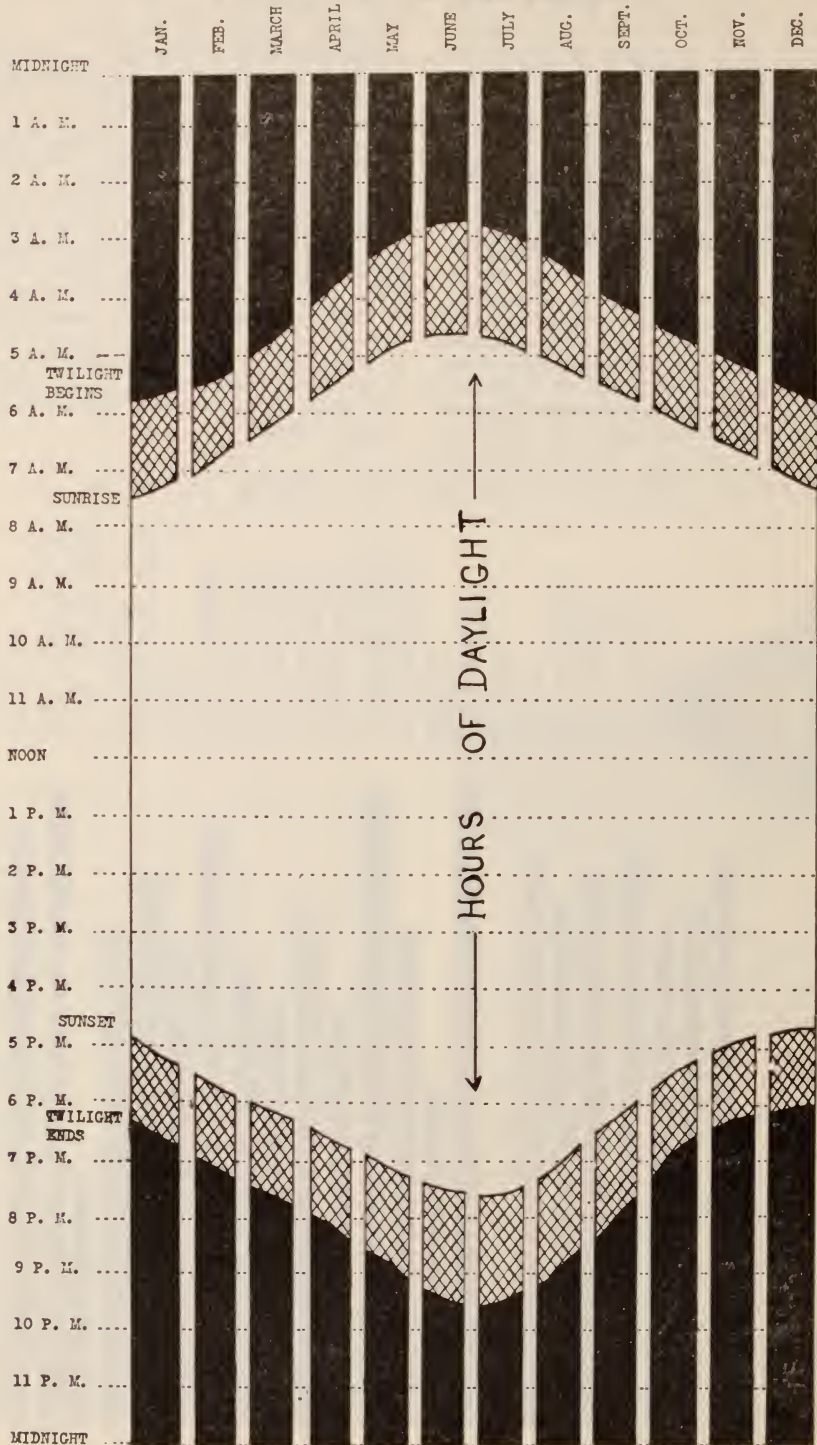
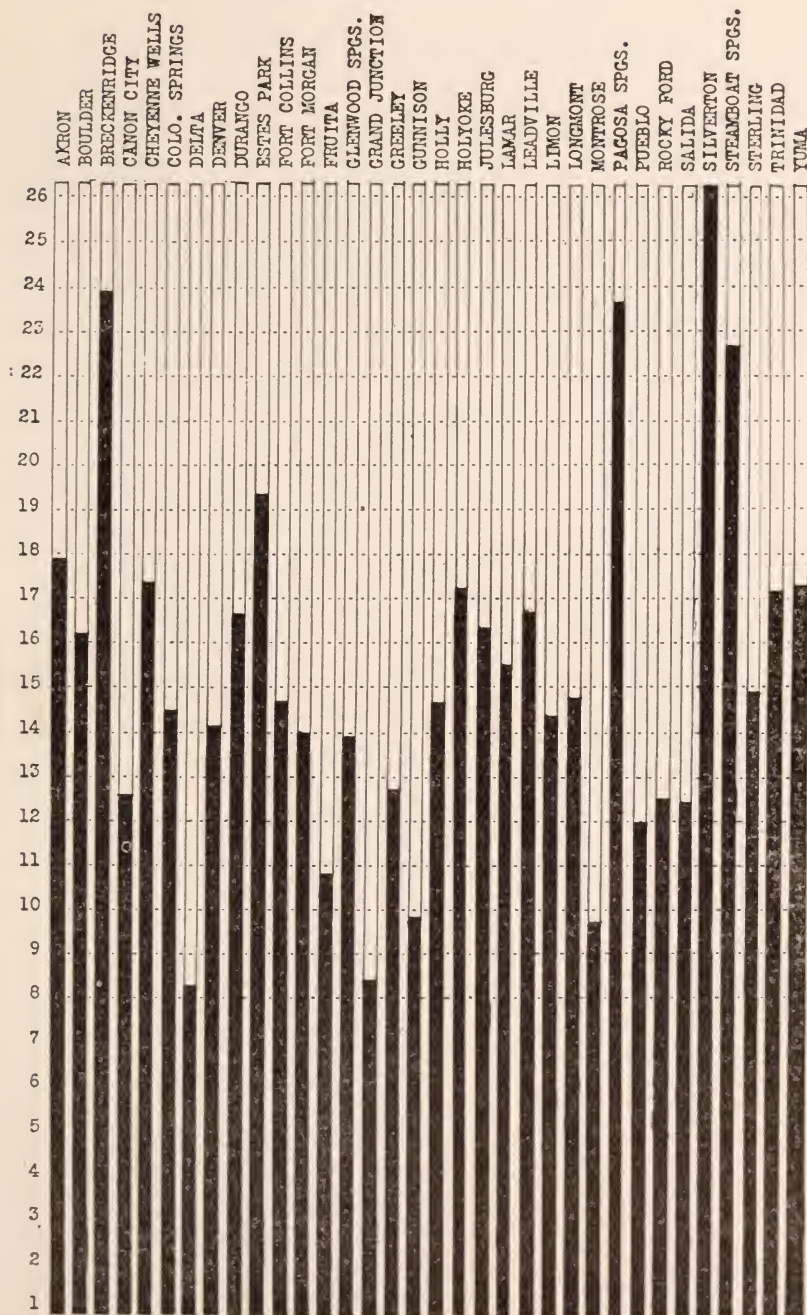


CHART SHOWING AVERAGE ANNUAL RAINFALL IN INCHES  
IN 34 CITIES AND TOWNS





# NORMAL MONTHLY AND ANNUAL MEAN TEMPERATURE IN DEGREES FAHRENHEIT

(From the Records of the U. S. Weather Bureau)

| PLACE               | COUNTY      | Length of<br>Record,<br>Years* | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------------------|-------------|--------------------------------|------|------|------|------|------|------|------|------|-------|------|------|------|--------|
| Arriba              | Lincoln     | --                             | 27.2 | 29.4 | 37.6 | 46.0 | 54.8 | 65.0 | 70.6 | 69.8 | 61.8  | 51.2 | 38.9 | 26.9 | 48.2   |
| Boulder             | Boulder     | 32                             | 33.0 | 32.6 | 40.4 | 48.2 | 56.4 | 66.0 | 70.8 | 70.6 | 63.2  | 52.2 | 42.2 | 38.8 | 50.8   |
| Breckenridge        | Summit      | --                             | 15.4 | 15.6 | 22.4 | 30.0 | 39.0 | 48.6 | 53.4 | 53.0 | 46.6  | 35.9 | 25.6 | 15.2 | 33.4   |
| Buena Vista         | Chaffee     | --                             | 22.2 | 25.7 | 33.0 | 38.2 | 48.4 | 55.6 | 59.9 | 58.3 | 51.9  | 42.0 | 31.9 | 20.9 | 40.6   |
| Burlington          | Kit Carson  | 23                             | 27.8 | 31.4 | 40.2 | 47.6 | 57.5 | 68.4 | 73.6 | 72.5 | 64.8  | 52.0 | 40.6 | 29.0 | 50.4   |
| Calhan              | El Paso     | 21                             | 27.2 | 27.6 | 35.6 | 41.9 | 51.0 | 62.0 | 67.2 | 66.0 | 59.2  | 47.4 | 36.2 | 26.6 | 45.7   |
| Canon City          | Fremont     | 34                             | 35.3 | 35.2 | 42.9 | 50.0 | 57.4 | 66.1 | 72.9 | 72.3 | 64.3  | 53.1 | 43.4 | 35.9 | 52.4   |
| Castle Rock         | Douglas     | 30                             | 28.2 | 28.8 | 36.0 | 43.8 | 52.8 | 62.4 | 67.2 | 68.0 | 62.2  | 47.4 | 37.0 | 28.0 | 46.8   |
| Cedaredge           | Delta       | 26                             | 26.0 | 29.9 | 38.6 | 47.0 | 55.2 | 63.9 | 69.8 | 68.4 | 60.4  | 49.2 | 38.2 | 26.9 | 47.8   |
| Cheyenne Wells      | Cheyenne    | 31                             | 28.0 | 30.0 | 39.4 | 48.6 | 58.1 | 68.4 | 73.7 | 72.8 | 64.8  | 52.4 | 39.5 | 28.0 | 50.3   |
| Collbran            | Mesa        | 26                             | 22.8 | 28.4 | 37.0 | 45.4 | 53.6 | 62.6 | 68.3 | 67.2 | 59.3  | 47.8 | 36.4 | 24.3 | 46.1   |
| Colorado Springs    | El Paso     | 34                             | 30.0 | 29.6 | 37.5 | 44.6 | 53.1 | 62.0 | 67.0 | 66.2 | 59.6  | 48.8 | 38.7 | 30.6 | 47.3   |
| Cope                | Washington  | --                             | 29.2 | 28.0 | 38.5 | 48.5 | 56.2 | 67.2 | 72.3 | 72.2 | 63.6  | 50.9 | 38.3 | 28.9 | 49.5   |
| Crawford            | Montrose    | --                             | 25.1 | 26.9 | 35.2 | 42.9 | 52.0 | 61.9 | 67.8 | 65.9 | 58.4  | 48.2 | 37.2 | 25.4 | 45.6   |
| Crested Butte       | Gunnison    | 17                             | 11.4 | 15.0 | 23.4 | 31.1 | 42.1 | 51.4 | 55.6 | 53.7 | 46.2  | 36.2 | 25.0 | 12.0 | 33.6   |
| Delta               | Delta       | 33                             | 24.5 | 31.6 | 41.8 | 50.5 | 59.0 | 68.0 | 74.0 | 71.5 | 62.6  | 50.4 | 38.8 | 25.6 | 49.6   |
| Denver              | Denver      | 56                             | 29.8 | 32.7 | 39.3 | 47.1 | 56.2 | 66.3 | 72.2 | 70.7 | 62.9  | 51.2 | 39.8 | 32.3 | 50.0   |
| Durango             | La Plata    | 34                             | 24.5 | 29.9 | 37.5 | 46.4 | 55.0 | 62.7 | 68.7 | 66.3 | 58.2  | 48.9 | 37.2 | 28.3 | 47.0   |
| Eads                | Kiowa       | 16                             | 29.0 | 31.8 | 42.0 | 48.4 | 59.9 | 71.0 | 76.1 | 74.3 | 66.2  | 52.6 | 40.0 | 28.9 | 51.6   |
| Fort Collins        | Larimer     | 33                             | 26.2 | 27.4 | 36.0 | 44.8 | 53.8 | 63.1 | 68.0 | 67.5 | 59.2  | 48.0 | 36.1 | 27.2 | 46.4   |
| Fort Morgan         | Morgan      | 29                             | 24.1 | 27.8 | 35.7 | 46.7 | 56.4 | 66.6 | 73.1 | 71.0 | 62.0  | 49.2 | 36.6 | 25.3 | 47.9   |
| Fraser              | Grand       | 18                             | 11.6 | 14.2 | 21.2 | 30.0 | 39.4 | 48.2 | 53.2 | 51.2 | 45.0  | 34.4 | 23.0 | 12.2 | 31.9   |
| Fremont (Exp. Sta.) | El Paso     | 17                             | 25.4 | 23.5 | 29.6 | 33.6 | 43.2 | 53.2 | 57.7 | 56.2 | 50.6  | 40.4 | 32.6 | 25.2 | 39.3   |
| Fruita              | Mesa        | 26                             | 21.4 | 30.3 | 42.6 | 50.0 | 58.4 | 68.1 | 74.2 | 72.8 | 63.5  | 51.1 | 37.8 | 25.0 | 49.6   |
| Garnett             | Alamosa     | 29                             | 17.2 | 23.8 | 32.8 | 41.2 | 49.2 | 58.6 | 62.6 | 61.2 | 54.5  | 43.1 | 30.7 | 20.2 | 41.2   |
| Greenwood Springs   | Garfield    | 24                             | 22.6 | 27.1 | 37.3 | 45.0 | 52.6 | 60.6 | 65.5 | 65.0 | 57.9  | 47.1 | 35.8 | 23.8 | 45.0   |
| Grand Junction      | Mesa        | 36                             | 21.0 | 32.9 | 43.6 | 52.4 | 61.1 | 71.4 | 77.7 | 75.4 | 66.2  | 52.8 | 39.3 | 27.5 | 52.0   |
| Grand Valley        | Garfield    | 26                             | 24.7 | 29.9 | 40.0 | 49.3 | 57.8 | 66.0 | 71.2 | 69.9 | 61.5  | 49.0 | 37.6 | 24.8 | 48.5   |
| Greeley             | Weld        | 33                             | 26.0 | 27.8 | 38.0 | 47.4 | 56.8 | 66.6 | 70.9 | 70.0 | 61.2  | 49.1 | 36.6 | 26.0 | 48.0   |
| Grover              | Weld        | 17                             | 24.2 | 26.8 | 34.6 | 42.0 | 52.0 | 62.6 | 68.6 | 68.6 | 58.9  | 47.2 | 35.4 | 25.0 | 45.4   |
| Gunnison            | Gunnison    | 34                             | 7.2  | 12.4 | 25.6 | 39.2 | 47.6 | 57.6 | 61.4 | 59.8 | 52.0  | 41.4 | 27.6 | 10.8 | 36.9   |
| Hampis              | Elbert      | --                             | 27.0 | 27.5 | 36.0 | 44.9 | 53.4 | 62.4 | 67.6 | 66.8 | 58.8  | 47.4 | 36.3 | 27.0 | 46.2   |
| Hermit              | Hinsdale    | 16                             | 11.8 | 14.6 | 20.5 | 28.9 | 43.3 | 47.5 | 52.8 | 51.1 | 45.0  | 36.0 | 25.4 | 13.0 | 32.5   |
| Hoehne              | Las Animas  | --                             | 32.2 | 33.2 | 40.8 | 48.4 | 56.7 | 66.8 | 71.4 | 70.2 | 63.2  | 52.3 | 42.4 | 31.1 | 50.8   |
| Holly               | Prowers     | 25                             | 31.1 | 33.7 | 44.0 | 52.1 | 62.2 | 72.0 | 76.9 | 76.0 | 68.8  | 56.0 | 42.4 | 30.5 | 53.8   |
| Holyoke             | Phillips    | --                             | 27.6 | 26.8 | 37.2 | 47.2 | 57.2 | 66.9 | 73.1 | 71.8 | 62.8  | 50.0 | 39.0 | 26.8 | 48.8   |
| Husted              | El Paso     | --                             | 28.4 | 29.4 | 36.2 | 44.8 | 53.2 | 60.9 | 66.4 | 66.4 | 59.3  | 47.6 | 37.4 | 30.0 | 46.6   |
| Idaho Springs       | Clear Creek | 24                             | 28.0 | 28.3 | 34.4 | 39.8 | 48.2 | 58.3 | 63.0 | 62.0 | 55.3  | 45.0 | 35.1 | 23.0 | 43.8   |
| Lamar               | Prowers     | 34                             | 31.2 | 33.8 | 44.8 | 53.4 | 61.9 | 73.4 | 77.8 | 76.8 | 68.9  | 55.7 | 42.4 | 32.2 | 54.4   |
| Las Animas          | Bent        | 41                             | 28.0 | 29.2 | 42.1 | 51.4 | 61.8 | 76.0 | 72.8 | 66.1 | 53.2  | 40.2 | 29.7 | 16.9 | 51.8   |
| Lay                 | Moffat      | 30                             | 18.4 | 20.8 | 32.1 | 41.4 | 49.8 | 59.4 | 66.6 | 65.0 | 55.6  | 44.1 | 32.8 | 20.6 | 42.1   |
| Leadville           | Lake        | 22                             | 17.4 | 18.6 | 24.1 | 30.8 | 39.9 | 49.5 | 55.2 | 53.8 | 47.4  | 36.9 | 27.3 | 18.2 | 34.9   |
| LeRoy               | Logan       | 28                             | 26.8 | 28.0 | 36.6 | 45.2 | 55.2 | 65.4 | 71.7 | 71.2 | 63.0  | 50.2 | 37.2 | 28.0 | 48.2   |
| Limon               | Lincoln     | --                             | 26.4 | 32.1 | 37.0 | 43.9 | 53.2 | 63.6 | 69.4 | 67.9 | 60.6  | 49.2 | 37.5 | 26.5 | 47.3   |
| Longmont            | Boulder     | 21                             | 26.6 | 29.0 | 38.0 | 46.1 | 56.0 | 65.6 | 69.8 | 68.8 | 60.1  | 48.0 | 36.6 | 26.4 | 47.6   |
| Manassa             | Conejos     | 22                             | 20.9 | 25.7 | 34.5 | 41.0 | 49.4 | 59.0 | 62.8 | 61.2 | 54.7  | 43.8 | 32.6 | 21.0 | 42.2   |
| Mancos              | Montezuma   | --                             | 25.5 | 29.1 | 36.8 | 44.4 | 51.5 | 61.2 | 66.2 | 65.0 | 57.6  | 47.3 | 37.9 | 26.5 | 45.8   |
| Meeker              | Rio Blanco  | --                             | 20.5 | 24.0 | 34.2 | 43.0 | 51.1 | 59.2 | 64.8 | 63.4 | 55.2  | 44.1 | 33.2 | 20.9 | 42.8   |
| Montrose            | Montrose    | 34                             | 24.1 | 31.4 | 40.4 | 47.6 | 57.6 | 65.2 | 70.6 | 68.4 | 61.0  | 49.0 | 37.0 | 26.4 | 48.2   |
| Monument            | El Paso     | 17                             | 27.1 | 28.0 | 33.4 | 39.3 | 49.5 | 59.0 | 64.4 | 62.8 | 56.0  | 45.5 | 35.3 | 27.8 | 44.0   |
| Nast                | Pitkin      | --                             | 16.3 | 18.6 | 25.8 | 33.8 | 43.5 | 52.8 | 57.1 | 55.8 | 49.1  | 39.2 | 28.4 | 17.1 | 36.4   |
| Pagoda              | Routt       | --                             | 21.1 | 22.4 | 32.4 | 42.2 | 49.6 | 57.4 | 63.8 | 63.4 | 55.5  | 44.6 | 33.0 | 21.0 | 42.2   |
| Parosa Springs      | Archuleta   | --                             | 19.8 | 22.2 | 34.2 | 42.0 | 47.9 | 56.4 | 63.4 | 61.8 | 55.0  | 43.2 | 32.8 | 18.4 | 41.6   |
| Palisades           | Mesa        | 15                             | 22.6 | 33.2 | 42.2 | 51.6 | 60.6 | 69.7 | 76.2 | 74.6 | 65.7  | 50.6 | 39.9 | 28.8 | 51.4   |
| Paonia              | Delta       | 23                             | 25.6 | 31.6 | 40.4 | 47.8 | 55.8 | 65.2 | 70.9 | 69.2 | 61.6  | 50.3 | 39.8 | 27.4 | 48.8   |
| Pueblo              | Pueblo      | 39                             | 29.9 | 32.9 | 41.6 | 50.1 | 59.2 | 69.0 | 74.2 | 72.7 | 64.6  | 52.0 | 39.4 | 31.5 | 51.4   |
| Rangely             | Rio Blanco  | --                             | 15.2 | 20.4 | 34.6 | 46.7 | 53.8 | 63.4 | 69.8 | 64.4 | 58.6  | 46.3 | 33.0 | 17.4 | 44.0   |
| Redvale             | Montrose    | --                             | 22.6 | 28.3 | 36.4 | 44.5 | 54.0 | 63.2 | 68.0 | 66.4 | 58.6  | 47.3 | 36.8 | 25.4 | 46.0   |
| Rifle               | Garfield    | --                             | 23.1 | 28.8 | 37.4 | 47.4 | 55.4 | 65.1 | 70.7 | 69.2 | 61.0  | 49.0 | 38.0 | 25.6 | 47.6   |
| Rocky Ford          | Otero       | 34                             | 30.2 | 32.5 | 42.4 | 51.2 | 60.7 | 70.3 | 74.7 | 73.4 | 65.5  | 53.2 | 40.4 | 31.2 | 52.2   |
| Rough Ranch         | Larimer     | 19                             | 26.2 | 26.1 | 32.5 | 37.8 | 46.6 | 56.3 | 60.9 | 59.5 | 52.7  | 43.6 | 34.6 | 26.0 | 41.9   |
| Saguache            | Saguache    | 28                             | 21.5 | 27.0 | 35.4 | 44.3 | 52.0 | 60.8 | 65.5 | 63.9 | 57.0  | 46.8 | 34.8 | 22.4 | 44.2   |
| Salida              | Chaffee     | 23                             | 27.4 | 29.8 | 36.5 | 43.4 | 51.0 | 60.0 | 65.0 | 63.6 | 56.6  | 46.2 | 36.6 | 27.1 | 45.3   |
| San Luis            | Costilla    | 23                             | 21.0 | 25.8 | 34.2 | 41.7 | 49.3 | 57.8 | 62.4 | 61.4 | 54.8  | 44.4 | 33.2 | 22.5 | 42.4   |
| Sapinero            | Gunnison    | 23                             | 15.2 | 18.9 | 27.6 | 36.8 | 45.3 | 53.9 | 59.1 | 58.0 | 51.0  | 40.6 | 29.6 | 17.4 | 37.8   |
| Sedgwick            | Sedgwick    | --                             | 25.2 | 28.2 | 38.4 | 47.0 | 57.2 | 68.0 | 73.6 | 71.3 | 62.8  | 50.5 | 37.3 | 24.2 | 48.6   |
| Silverton           | San Juan    | 21                             | 16.2 | 17.9 | 24.1 | 31.2 | 40.0 | 48.9 | 55.1 | 52.8 | 46.6  | 37.7 | 26.6 | 16.8 | 34.5   |
| Spicer              | Jackson     | 23                             | 18.1 | 21.1 | 26.1 | 35.3 | 43.2 | 54.2 | 59.6 | 57.5 | 49.7  | 38.5 | 29.0 | 17.8 | 37.5   |
| Steamboat Springs   | Routt       | 23                             | 14.8 | 17.6 | 26.8 | 39.0 | 48.6 | 55.7 | 60.7 | 59.0 | 52.3  | 41.3 | 28.5 | 17.7 | 38.5   |
| Sterling            | Logan       | 18                             | 24.1 | 28.9 | 38.0 | 46.9 | 56.6 | 67.2 | 72.2 | 70.2 | 62.2  | 49.3 | 37.0 | 24.2 | 48.2   |
| Telluride           | San Miguel  | --                             | 21.4 | 23.6 | 28.2 | 36.2 | 45.4 | 54.0 | 58.8 | 57.0 | 51.2  | 41.3 | 31.5 | 23.0 | 39.3   |
| Trinidad            | Las Animas  | 24                             | 34.0 | 35.4 | 42.2 | 48.3 | 57.4 | 66.5 | 71.0 | 69.9 | 63.0  | 52.8 | 41.9 | 34.0 | 51.4   |
| Two Buttes          | Baca        | 29                             | 31.4 | 32.6 | 42.5 | 51.4 | 61.1 | 71.2 | 76.2 | 75.2 | 67.6  | 55.1 | 42.8 | 33.2 | 53.2   |
| Victor              | Teller      | 24                             | 25.1 | 25.7 | 30.4 | 35.4 | 43.8 | 54.0 | 58.7 | 57.3 | 51.8  | 41.9 | 33.0 | 25.4 | 40.2   |
| Wagon Wheel Gap     | Mineral     | --                             | 14.2 | 17.4 | 25.6 | 34.2 | 42.4 | 51.0 | 56.6 | 54.6 | 48.1  | 37.6 | 26.8 | 14.2 | 35.2   |
| Waterdale           | Larimer     | 23                             | 29.2 | 29.2 | 38.5 | 46.4 | 54.3 | 63.6 | 68.2 | 68.2 | 60.5  | 49.6 | 38.8 | 29.4 | 48.0   |
| Westcliffe          | Custer      | --                             | 24.7 | 26.4 | 33.2 | 40.5 | 48.9 | 58.2 | 61.3 | 61.4 | 54.8  | 43.6 | 33.6 | 23.8 | 42.6   |
| Wray                | Yuma        | 28                             | 29.2 | 30.4 | 39.8 | 48.8 | 59.0 | 69.4 | 74.4 | 73.1 | 64.4  | 51.8 | 39.4 | 29.5 | 50.8   |

\*Period of years figured to 1930.

NORMAL MONTHLY AND ANNUAL PRECIPITATION IN INCHES

(From the Records of the U. S. Weather Bureau)

| PLACE             | COUNTY      | Length of Record, Years* | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|-------------------|-------------|--------------------------|------|------|------|------|------|------|------|------|-------|------|------|------|--------|
| Akron             | Washington  | 1                        | 0.32 | 0.52 | 1.10 | 2.47 | 2.72 | 2.45 | 2.57 | 2.03 | 1.49  | 1.04 | 0.58 | 0.62 | 17.91  |
| Arriba            | Lincoln     | 10                       | 0.12 | 0.57 | 0.70 | 2.15 | 2.05 | 2.02 | 2.70 | 2.50 | 1.67  | 1.21 | 0.41 | 0.89 | 16.99  |
| Auldurst          | Teller      | 18                       | 0.40 | 0.77 | 1.05 | 2.29 | 1.72 | 2.04 | 3.83 | 2.94 | 1.75  | 0.88 | 0.60 | 0.86 | 19.18  |
| Boulder           | Boulder     | 35                       | 0.40 | 0.76 | 1.40 | 2.81 | 1.14 | 1.41 | 2.14 | 1.46 | 1.50  | 1.52 | 0.75 | 0.83 | 16.12  |
| Breckenridge      | Summit      | 1                        | 1.79 | 2.48 | 2.58 | 2.76 | 2.04 | 1.08 | 3.37 | 2.24 | 1.43  | 1.45 | 1.63 | 2.03 | 23.93  |
| Buena Vista       | Chaffee     | 13                       | 0.43 | 0.67 | 0.61 | 0.82 | 0.74 | 0.57 | 1.63 | 1.31 | 0.69  | 0.73 | 0.49 | 0.50 | 9.19   |
| Burlington        | Kit Carson  | 38                       | 0.27 | 0.46 | 0.80 | 2.12 | 2.19 | 2.83 | 2.77 | 2.59 | 1.33  | 0.92 | 0.46 | 0.61 | 17.35  |
| Calhan            | El Paso     | 21                       | 0.38 | 0.67 | 0.67 | 2.20 | 1.91 | 1.68 | 2.91 | 2.97 | 1.27  | 0.82 | 0.57 | 0.76 | 16.81  |
| Canon City        | Fremont     | 39                       | 0.37 | 0.59 | 0.81 | 1.67 | 1.60 | 1.14 | 1.86 | 1.88 | 0.82  | 0.84 | 0.52 | 0.54 | 12.64  |
| Castle Rock       | Douglas     | 36                       | 0.45 | 0.66 | 1.13 | 2.26 | 2.40 | 1.85 | 2.71 | 2.15 | 1.15  | 1.19 | 0.54 | 0.82 | 17.31  |
| Cedaredge         | Delta       | 26                       | 0.92 | 1.03 | 1.22 | 1.00 | 1.14 | 0.62 | 0.82 | 1.01 | 1.22  | 1.11 | 0.61 | 0.80 | 11.60  |
| Cheyenne Wells    | Cheyenne    | 34                       | 0.31 | 0.53 | 0.79 | 1.99 | 2.14 | 2.60 | 2.98 | 2.57 | 1.35  | 0.85 | 0.46 | 0.61 | 17.18  |
| Collbran          | Mesa        | 35                       | 1.26 | 1.18 | 1.64 | 1.62 | 1.49 | 0.78 | 1.18 | 1.53 | 1.48  | 1.11 | 1.04 | 1.15 | 15.46  |
| Colorado Springs  | El Paso     | 48                       | 0.23 | 0.39 | 0.67 | 1.74 | 2.25 | 1.89 | 2.86 | 2.12 | 1.03  | 0.60 | 0.34 | 0.31 | 14.43  |
| Columbine         | Routt       | 17                       | 1.99 | 2.69 | 2.35 | 2.13 | 1.96 | 1.07 | 1.77 | 1.48 | 1.88  | 1.48 | 1.39 | 2.43 | 22.62  |
| Cope              | Washington  | 29                       | 0.37 | 0.60 | 1.21 | 2.59 | 3.15 | 3.01 | 2.82 | 2.10 | 1.25  | 0.96 | 0.52 | 0.64 | 19.22  |
| Crawford          | Montrose    | 9                        | 0.77 | 0.53 | 0.55 | 0.84 | 0.93 | 0.81 | 1.20 | 1.15 | 1.20  | 1.11 | 0.83 | 0.81 | 10.73  |
| Crested Butte     | Gunnison    | 18                       | 3.44 | 2.57 | 2.76 | 2.16 | 1.79 | 1.26 | 1.95 | 1.54 | 1.68  | 1.56 | 1.81 | 2.88 | 25.40  |
| Delta             | Delta       | 40                       | 0.60 | 0.52 | 0.69 | 0.65 | 0.83 | 0.34 | 0.85 | 0.91 | 0.87  | 0.76 | 0.58 | 0.60 | 8.20   |
| Denver            | Denver      | 56                       | 0.42 | 0.49 | 1.00 | 2.17 | 2.54 | 1.47 | 1.62 | 1.34 | 0.89  | 0.96 | 0.52 | 0.60 | 14.02  |
| Durango           | La Plata    | 35                       | 1.28 | 1.39 | 1.46 | 1.14 | 1.14 | 0.78 | 1.55 | 1.79 | 1.85  | 1.75 | 1.14 | 1.40 | 16.67  |
| Eads              | Kiowa       | 17                       | 0.22 | 0.47 | 0.37 | 1.46 | 0.99 | 1.73 | 2.58 | 1.24 | 0.86  | 1.21 | 0.36 | 0.38 | 12.97  |
| Estes Park (F.H.) | Larimer     | 19                       | 0.67 | 0.86 | 1.20 | 2.68 | 2.14 | 1.36 | 2.95 | 2.22 | 1.65  | 1.42 | 0.95 | 0.83 | 18.93  |
| Fort Collins      | Larimer     | 48                       | 0.44 | 0.61 | 0.93 | 2.13 | 2.84 | 1.49 | 1.83 | 1.22 | 1.28  | 1.07 | 0.47 | 0.46 | 14.77  |
| Fort Lupton       | Adams       | 17                       | 0.19 | 0.40 | 0.46 | 1.72 | 2.23 | 1.02 | 1.82 | 1.53 | 1.16  | 1.13 | 0.50 | 0.61 | 14.77  |
| Fort Morgan       | Morgan      | 40                       | 0.28 | 0.41 | 0.60 | 1.77 | 2.36 | 1.83 | 2.49 | 1.65 | 0.92  | 0.85 | 0.35 | 0.38 | 13.98  |
| Fraser            | Grand       | 19                       | 1.63 | 1.75 | 1.76 | 2.31 | 1.60 | 1.08 | 2.29 | 1.66 | 1.61  | 1.36 | 1.14 | 1.79 | 19.93  |
| Fruita            | Mesa        | 28                       | 0.95 | 0.85 | 1.08 | 0.79 | 0.90 | 0.41 | 0.88 | 1.13 | 1.07  | 1.16 | 0.73 | 0.78 | 10.73  |
| Garnett           | Alamosa     | 36                       | 0.14 | 0.22 | 0.28 | 0.56 | 0.13 | 0.70 | 1.24 | 1.14 | 0.76  | 0.54 | 0.27 | 0.23 | 6.21   |
| Glenwood Springs  | Garfield    | 24                       | 1.29 | 1.00 | 1.29 | 1.26 | 1.11 | 0.72 | 1.25 | 1.57 | 1.14  | 1.05 | 0.96 | 1.26 | 13.90  |
| Grand Junction    | Mesa        | 36                       | 0.49 | 0.63 | 0.71 | 0.76 | 0.92 | 0.40 | 0.50 | 1.04 | 0.95  | 0.91 | 0.55 | 0.44 | 8.30   |
| Grand Lake        | Grand       | 10                       | 1.81 | 1.36 | 0.88 | 1.90 | 1.26 | 0.90 | 1.96 | 1.52 | 1.26  | 0.81 | 1.46 | 1.57 | 16.69  |
| Greeley           | Weld        | 39                       | 0.32 | 0.41 | 0.73 | 1.71 | 2.47 | 1.41 | 1.85 | 1.13 | 0.96  | 0.92 | 0.33 | 0.41 | 12.65  |
| Grover            | Weld        | 26                       | 0.36 | 0.63 | 0.65 | 2.01 | 2.35 | 1.75 | 2.21 | 1.63 | 1.14  | 0.76 | 0.32 | 0.61 | 14.42  |
| Gunnison          | Gunnison    | 36                       | 0.80 | 0.70 | 0.60 | 0.85 | 0.78 | 0.64 | 1.44 | 1.32 | 0.81  | 0.61 | 0.56 | 0.71 | 9.82   |
| Hamp              | Elbert      | 26                       | 0.24 | 0.46 | 0.90 | 2.03 | 1.99 | 1.71 | 2.54 | 2.22 | 0.98  | 0.56 | 0.25 | 0.47 | 14.35  |
| Hartsel           | Park        | 19                       | 0.21 | 0.25 | 0.34 | 0.92 | 0.85 | 1.38 | 3.69 | 2.16 | 1.29  | 0.46 | 0.36 | 0.31 | 12.22  |
| Hermit            | Hinsdale    | 22                       | 1.37 | 1.05 | 1.35 | 1.42 | 1.25 | 1.12 | 2.75 | 2.36 | 1.51  | 1.88 | 1.15 | 1.18 | 18.39  |
| Holy              | Prowers     | 32                       | 0.26 | 0.62 | 0.46 | 1.80 | 1.91 | 2.06 | 2.54 | 2.24 | 1.21  | 0.61 | 0.50 | 0.46 | 14.67  |
| Holyoke           | Phillips    | 28                       | 0.25 | 0.45 | 0.88 | 2.18 | 2.63 | 2.87 | 2.40 | 2.38 | 1.28  | 0.93 | 0.33 | 0.57 | 17.15  |
| Jahro Springs     | Clear Creek | 38                       | 0.39 | 0.50 | 1.08 | 2.23 | 1.13 | 1.34 | 2.79 | 2.05 | 1.53  | 1.31 | 0.53 | 0.62 | 16.50  |
| Julesburg         | Sedgwick    | 24                       | 0.35 | 0.50 | 0.77 | 2.41 | 2.76 | 2.65 | 2.19 | 2.10 | 0.77  | 0.97 | 0.39 | 0.43 | 16.29  |
| Lamar             | Prowers     | 39                       | 0.30 | 0.61 | 0.81 | 1.87 | 2.05 | 2.10 | 2.66 | 2.00 | 1.19  | 0.86 | 0.41 | 0.70 | 15.56  |
| Las Animas        | Bent        | 59                       | 0.19 | 0.45 | 0.53 | 1.54 | 1.92 | 1.42 | 2.17 | 1.62 | 1.00  | 0.69 | 0.32 | 0.44 | 12.29  |
| Lay               | Moffat      | 36                       | 1.12 | 1.25 | 1.45 | 1.21 | 1.28 | 0.72 | 0.97 | 1.02 | 1.30  | 1.10 | 0.84 | 0.96 | 13.22  |
| Leadville         | Lake        | 32                       | 1.21 | 1.51 | 1.61 | 1.74 | 1.19 | 0.97 | 2.20 | 1.90 | 1.17  | 1.11 | 0.84 | 1.22 | 16.67  |
| LeRoy             | Logan       | 39                       | 0.37 | 0.60 | 0.94 | 2.63 | 2.53 | 2.35 | 2.16 | 2.28 | 1.13  | 1.05 | 0.44 | 0.62 | 17.10  |
| Limon             | Lincoln     | 10                       | 0.19 | 0.38 | 0.39 | 1.80 | 1.87 | 1.90 | 2.63 | 2.27 | 1.06  | 0.83 | 0.43 | 0.53 | 14.32  |
| Longmont          | Boulder     | 21                       | 0.30 | 0.65 | 0.83 | 2.05 | 2.34 | 1.59 | 2.21 | 1.20 | 1.21  | 1.13 | 0.61 | 0.63 | 14.75  |
| Manassa           | Conejos     | 21                       | 0.12 | 0.25 | 0.37 | 0.76 | 0.55 | 0.51 | 1.26 | 1.37 | 0.57  | 0.80 | 0.25 | 0.28 | 7.09   |
| Manitou           | Montezuma   | 20                       | 1.36 | 1.46 | 2.02 | 1.77 | 1.19 | 0.77 | 1.91 | 2.01 | 1.55  | 1.55 | 1.08 | 1.23 | 17.90  |
| Meeker            | Rio Blanco  | 27                       | 1.07 | 1.00 | 1.42 | 1.55 | 1.37 | 0.89 | 1.45 | 1.63 | 1.68  | 1.46 | 1.15 | 1.06 | 15.73  |
| Montrose          | Montrose    | 39                       | 0.68 | 0.62 | 0.80 | 1.04 | 0.82 | 0.42 | 0.86 | 1.35 | 0.94  | 0.82 | 0.58 | 0.75 | 9.68   |
| Monument          | El Paso     | 17                       | 0.55 | 0.84 | 1.10 | 3.23 | 2.13 | 2.05 | 3.23 | 2.82 | 1.33  | 1.05 | 0.65 | 1.01 | 19.99  |
| Nagoda            | Routt       | 22                       | 1.31 | 1.55 | 1.95 | 1.87 | 1.44 | 1.09 | 1.31 | 1.58 | 1.82  | 1.68 | 0.97 | 1.62 | 18.49  |
| Nagosa Springs    | Archuleta   | 12                       | 2.49 | 2.06 | 1.72 | 1.70 | 1.45 | 1.01 | 2.99 | 2.56 | 1.71  | 1.39 | 1.09 | 1.91 | 23.88  |
| Napawina          | Delta       | 35                       | 1.32 | 1.25 | 1.49 | 1.41 | 1.43 | 0.59 | 1.05 | 1.29 | 1.30  | 1.44 | 1.01 | 1.11 | 14.69  |
| Napawina          | Pueblo      | 39                       | 0.85 | 0.47 | 0.86 | 1.43 | 1.68 | 1.47 | 1.97 | 1.57 | 0.62  | 0.70 | 0.37 | 0.46 | 11.95  |
| Nedvale           | Montrose    | 6                        | 1.22 | 0.83 | 0.94 | 1.37 | 1.03 | 0.84 | 2.20 | 1.66 | 0.97  | 1.68 | 1.08 | 1.20 | 15.02  |
| Nico              | Dolores     | 26                       | 2.96 | 3.01 | 3.03 | 1.49 | 1.59 | 1.16 | 2.83 | 2.19 | 2.34  | 1.44 | 1.48 | 2.25 | 25.77  |
| Nife              | Garfield    | 8                        | 0.83 | 0.85 | 1.30 | 1.08 | 1.21 | 0.61 | 1.11 | 1.28 | 1.20  | 1.22 | 0.84 | 0.87 | 12.40  |
| Rocky Ford        | Otero       | 39                       | 0.25 | 0.33 | 0.56 | 1.66 | 1.77 | 1.40 | 2.55 | 1.36 | 0.80  | 0.85 | 0.41 | 0.45 | 12.39  |
| Saguache          | Saguache    | 28                       | 0.24 | 0.41 | 0.31 | 0.37 | 0.81 | 0.97 | 1.77 | 1.51 | 0.78  | 0.73 | 0.31 | 0.32 | 8.53   |
| Salida            | Chaffee     | 1                        | 0.55 | 0.83 | 0.73 | 1.54 | 0.86 | 1.05 | 1.85 | 1.49 | 1.02  | 0.93 | 0.33 | 0.73 | 12.31  |
| San Luis          | Costilla    | 27                       | 0.42 | 0.50 | 0.66 | 0.95 | 1.12 | 0.75 | 2.23 | 1.50 | 2.89  | 1.02 | 0.42 | 0.61 | 13.07  |
| Sapinero          | Gunnison    | 26                       | 0.90 | 2.05 | 2.07 | 2.21 | 1.64 | 0.97 | 1.43 | 1.85 | 1.49  | 1.46 | 1.23 | 0.68 | 18.93  |
| Sedgwick          | Sedgwick    | 1                        | 0.41 | 0.63 | 0.71 | 2.34 | 2.25 | 2.58 | 2.23 | 2.49 | 1.36  | 1.10 | 0.33 | 0.48 | 16.91  |
| Silverton         | San Juan    | 21                       | 2.61 | 2.00 | 2.71 | 1.63 | 1.12 | 1.45 | 2.97 | 3.23 | 2.66  | 2.64 | 1.47 | 2.08 | 26.57  |
| Spricer           | Jackson     | 1                        | 0.79 | 0.77 | 0.65 | 0.84 | 0.80 | 0.77 | 1.16 | 1.01 | 1.14  | 0.96 | 0.83 | 0.76 | 10.48  |
| Springsfield      | Baca        | 16                       | 0.39 | 0.60 | 0.92 | 2.58 | 2.74 | 1.62 | 2.45 | 1.96 | 1.57  | 0.78 | 0.72 | 0.64 | 16.97  |
| Steamboat Springs | Routt       | 25                       | 2.51 | 2.67 | 1.89 | 2.06 | 1.91 | 1.34 | 1.46 | 1.59 | 1.53  | 1.79 | 1.58 | 2.55 | 22.88  |
| Sterling          | Logan       | 18                       | 0.86 | 0.37 | 0.51 | 2.16 | 2.36 | 1.99 | 1.47 | 2.37 | 1.23  | 1.07 | 0.43 | 0.57 | 14.91  |
| Trinidad          | Las Animas  | 32                       | 0.50 | 0.97 | 0.88 | 2.13 | 1.66 | 2.06 | 2.49 | 2.36 | 1.22  | 1.29 | 0.73 | 0.74 | 17.08  |
| Two Buttes        | Baca        | 29                       | 0.29 | 0.61 | 0.73 | 1.79 | 2.23 | 2.19 | 2.59 | 1.86 | 1.33  | 0.74 | 0.41 | 0.58 | 15.35  |
| Vestcliffe        | Custer      | 1                        | 0.55 | 0.62 | 1.15 | 1.90 | 1.37 | 1.37 | 2.57 | 1.61 | 1.13  | 1.24 | 0.86 | 0.73 | 15.10  |
| Vray              | Yuma        | 33                       | 0.33 | 0.64 | 0.89 | 2.72 | 2.75 | 2.81 | 2.67 | 2.49 | 1.20  | 1.02 | 0.38 | 0.49 | 18.89  |
| Wampa             | Routt       | 9                        | 2.04 | 1.83 | 1.51 | 2.30 | 0.88 | 0.85 | 1.88 | 1.49 | 1.43  | 1.17 | 0.97 | 1.57 | 16.56  |
| Yuma              | Yuma        | 26                       | 0.36 | 0.56 | 1.03 | 2.30 | 2.35 | 2.74 | 2.52 | 2.48 | 1.01  | 0.98 | 0.40 | 0.55 | 17.28  |

\*Period of years figured to 1930.



## LENGTH OF GROWING SEASON IN COLORADO

|                       | Number of days between<br>killing frosts |               |              | Range of dates of last killing frost<br>in spring and first in fall |                     |
|-----------------------|--|---------------|--------------|---|---------------------|
|                       | Average                                  | Short-<br>est | Long-<br>est | Spring  | Fall                |
| Akron-----            | 143                                      | 121           | 165          | Apr. 29 to June 5   | Sept. 15 to Oct. 24 |
| Arriba-----           | 134                                      | 119           | 146          | May 4 to June 7   | Sept. 15 to Oct. 20 |
| Blanca-----           | 105                                      | 81            | 126          | May 20 to June 23   | Sept. 12 to Oct. 1  |
| Boulder-----          | 165                                      | 125           | 200          | Apr. 13 to June 2   | Sept. 15 to Nov. 10 |
| Buena Vista-----      | 122                                      | 78            | 142          | May 22 to June 28   | Aug. 29 to Oct. 23  |
| Burlington-----       | 154                                      | 111           | 170          | Apr. 22 to June 4   | Sept. 23 to Oct. 26 |
| Calhan-----           | 137                                      | 108           | 167          | Apr. 29 to June 6   | Sept. 2 to Oct. 24  |
| Canon City-----       | 163                                      | 124           | 200          | Apr. 4 to June 2  | Sept. 17 to Nov. 11 |
| Castle Rock-----      | 131                                      | 99            | 154          | Apr. 19 to June 10  | Sept. 10 to Oct. 9  |
| Cedaredge-----        | 136                                      | 95            | 164          | Apr. 19 to June 9   | Sept. 10 to Oct. 19 |
| Cheyenne Wells-----   | 154                                      | 122           | 180          | Apr. 5 to June 4  | Sept. 12 to Oct. 26 |
| Colbran-----          | 133                                      | 78            | 165          | Apr. 23 to July 3   | Sept. 12 to Oct. 24 |
| Colorado Springs----- | 146                                      | 112           | 179          | Apr. 16 to June 3   | Sept. 11 to Oct. 21 |
| Crawford-----         | 137                                      | 111           | 171          | May 3 to June 12  | Sept. 14 to Oct. 26 |
| Delta-----            | 140                                      | 111           | 187          | Apr. 14 to June 3   | Sept. 11 to Oct. 29 |
| Denver-----           | 158                                      | 110           | 193          | Apr. 13 to June 6   | Sept. 12 to Oct. 29 |
| Dolores-----          | 130                                      | 109           | 151          | May 4 to June 5   | Sept. 21 to Oct. 28 |
| Durango-----          | 129                                      | 98            | 172          | Apr. 22 to June 5   | Sept. 11 to Oct. 16 |
| Eads-----             | 156                                      | 143           | 179          | Apr. 26 to May 22   | Sept. 27 to Oct. 22 |
| Fort Collins-----     | 142                                      | 124           | 181          | Apr. 12 to June 3   | Sept. 7 to Oct. 16  |
| Fort Morgan-----      | 143                                      | 87            | 186          | Apr. 12 to June 30  | Aug. 25 to Oct. 26  |
| Fruita-----           | 156                                      | 133           | 186          | Apr. 3 to June 1  | Sept. 15 to Oct. 30 |
| Garnett-----          | 102                                      | 63            | 137          | May 3 to July 7   | Aug. 13 to Oct. 10  |
| Glenwood Springs----- | 114                                      | 58            | 134          | Apr. 4 to July 4  | Aug. 9 to Oct. 11   |
| Grand Junction-----   | 184                                      | 144           | 233          | Mar. 23 to May 14   | Sept. 14 to Nov. 11 |
| Greeley-----          | 149                                      | 112           | 180          | Apr. 14 to June 3   | Sept. 7 to Oct. 18  |
| Grover-----           | 113                                      | 82            | 141          | May 6 to June 30  | Aug. 25 to Sept. 26 |
| Hamps-----            | 134                                      | 98            | 164          | Apr. 25 to June 8   | Sept. 6 to Oct. 23  |
| Hayden-----           | 91                                       | 64            | 128          | May 15 to July 3  | Aug. 31 to Sept. 20 |
| Hohne-----            | 140                                      | 73            | 201          | Apr. 18 to July 4   | Sept. 10 to Nov. 16 |
| Holly-----            | 164                                      | 134           | 202          | Apr. 2 to June 2  | Sept. 17 to Oct. 31 |
| Holyoke-----          | 138                                      | 108           | 167          | Apr. 18 to June 6   | Sept. 12 to Oct. 24 |
| Huerfano-----         | 125                                      | 110           | 145          | May 10 to June 6  | Sept. 21 to Oct. 7  |
| Ignacio-----          | 104                                      | 69            | 131          | May 28 to June 20   | Aug. 28 to Oct. 6   |
| Julesburg-----        | 139                                      | 94            | 169          | Apr. 21 to June 19  | Sept. 19 to Oct. 24 |
| Lamar-----            | 168                                      | 140           | 190          | Apr. 3 to May 14  | Sept. 17 to Oct. 29 |
| Las Animas-----       | 159                                      | 123           | 191          | Apr. 9 to June 1  | Sept. 7 to Oct. 25  |
| Lay-----              | 83                                       | 30            | 168          | Apr. 7 to June 19   | Aug. 11 to Sept. 26 |
| LeRoy-----            | 150                                      | 100           | 182          | Apr. 13 to May 27   | Aug. 25 to Oct. 24  |
| Limon-----            | 140                                      | 105           | 169          | Apr. 19 to June 5   | Sept. 14 to Oct. 25 |
| Longmont-----         | 144                                      | 112           | 169          | Apr. 13 to June 2   | Sept. 14 to Oct. 12 |
| Manassa-----          | 97                                       | 45            | 127          | May 19 to June 20   | Aug. 2 to Sept. 25  |
| Mancos-----           | 110                                      | 70            | 143          | May 14 to July 6  | Aug. 27 to Oct. 24  |
| Meeker-----           | 89                                       | 47            | 120          | May 17 to July 13   | Aug. 12 to Oct. 10  |
| Montrose-----         | 145                                      | 112           | 186          | Apr. 10 to June 8   | Sept. 14 to Oct. 23 |
| Monument-----         | 113                                      | 88            | 137          | May 10 to June 18   | Sept. 9 to Sept. 26 |
| Pagosa Springs-----   | 76                                       | 50            | 89           | June 9 to July 29   | Sept. 5 to Sept. 18 |
| Palisades-----        | 160                                      | 146           | 183          | Apr. 14 to May 26   | Sept. 15 to Oct. 27 |
| Paonia-----           | 158                                      | 117           | 228          | Apr. 5 to June 2  | Sept. 21 to Nov. 11 |
| Platte Canon-----     | 148                                      | 124           | 164          | Apr. 11 to June 2   | Sept. 14 to Oct. 26 |
| Pueblo-----           | 165                                      | 131           | 193          | Apr. 9 to June 2  | Sept. 12 to Oct. 26 |
| Redvale-----          | 130                                      | 93            | 163          | Apr. 27 to June 13  | Sept. 14 to Oct. 26 |
| Rifle-----            | 144                                      | 123           | 165          | Apr. 17 to June 1   | Sept. 14 to Oct. 24 |
| Rocky Ford-----       | 161                                      | 113           | 190          | Apr. 12 to June 2   | Sept. 17 to Oct. 27 |
| Saguache-----         | 120                                      | 93            | 178          | Apr. 21 to June 26  | Aug. 23 to Oct. 16  |
| Salida-----           | 112                                      | 68            | 148          | Apr. 28 to June 15  | Sept. 12 to Oct. 11 |
| San Luis-----         | 108                                      | 68            | 128          | May 16 to July 6  | Sept. 5 to Oct. 11  |
| Sapinero-----         | 93                                       | 63            | 117          | May 30 to July 5  | Sept. 6 to Sept. 28 |
| Sedgwick-----         | 143                                      | 126           | 167          | Apr. 25 to May 27   | Sept. 14 to Oct. 24 |
| Sterling-----         | 144                                      | 111           | 177          | Apr. 22 to June 3   | Sept. 20 to Oct. 24 |
| Trinidad-----         | 161                                      | 130           | 194          | Apr. 16 to June 3   | Sept. 22 to Oct. 27 |
| Two Buttes-----       | 164                                      | 124           | 192          | Apr. 11 to June 2   | Sept. 17 to Oct. 30 |
| Victor-----           | 98                                       | 46            | 134          | May 22 to July 7  | Aug. 13 to Oct. 6   |
| Wagon Wheel Gap-----  | 59                                       | 1             | 115          | May 26 to July 31   | Aug. 1 to Sept. 25  |
| Westcliffe-----       | 95                                       | 3             | 131          | May 6 to July 29  | Aug. 1 to Oct. 10   |
| Wiggins-----          | 130                                      | 114           | 149          | May 11 to June 2  | Sept. 14 to Oct. 7  |
| Wray-----             | 152                                      | 124           | 179          | Apr. 11 to May 27   | Sept. 12 to Oct. 25 |

## Water Power Resources

**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 mountain sides to the plains below. The principal river systems having their origin in the state and developing sufficient water power to be utilized 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 following figures, composed of estimates by the United States geological survey, furnish a good idea of the immense water power available for commercial uses in the state:

|  |           |
|--|-----------|
| Horsepower available without storage for 90 per cent of the time ..... | 765,000   |
| Horsepower available without storage for 50 per cent of the time ..... | 1,570,000 |
| Horsepower available from storage of water .....                       | 2,568,200 |

The federal government had 442,068 acres in power-site reserves in the state on June 30, 1930, 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. Powersite reserves under the act of June 25, 1910, as amended by the act of August 24, 1912, on June 30, 1930, aggregated 219,391 acres. Miscellaneous withdrawals under the same act were 1,727 acres. Power-site classifications made under the act of March 3, 1879, aggregated 208,297 acres, and public water reserves under the act of June 25, 1910, aggregated 8,193 acres on June 30, 1930. Withdrawals under the act of June 17, 1902, aggregated 4,460 acres.

Applications for sites on the public domain should be made to the United States Geological Survey, 403 Post Office building, Denver. Applications for sites within the national forests should be made to the United States Forest Service, 462 Post Office building, Denver.

The development of water power in the state has not progressed as rapidly as in some other states, due in a large measure to the immense deposits of coal available in Colorado for the development of power. It is generally conceded that the initial cost of hydro-electric installation is greater than for steam power, though the cost of operation is considerably less.

The presence of the coal deposits, on the contrary, offers some advantage in that it permits the construction of auxiliary plants in connection with hydro-electric projects upon economical terms so as to insure uninterrupted operation.

Hydro-electric power developed in the state, in plants of 100 h. p. or over, according to the geological survey, is as follows:

| Use                      | Number Plants | Horsepower |
|--------------------------|---------------|------------|
| Public utilities.....    | 28            | 84,291     |
| Individual mining plants | 24            | 10,132     |
| Irrigation pumping.....  | 3             | 3,275      |
| Flour mills.....         | 1             | 188        |
| Private plants.....      | 1             | 100        |
| Total .....              | 57            | 97,986     |

In addition, small plants of less than 100 horsepower in the state probably aggregate 5,000 horsepower.



## Agricultural Extension Service

**C**O-OPERATIVE extension work in agriculture and home economics in Colorado is conducted by the Colorado Agricultural college at Fort Collins in co-operation with the United States department of agriculture under the provisions of the Smith-Lever act. This act provides definitely for co-operation between the federal and state governments in carrying on a common enterprise and permitting participation by counties, local governments, associations and individuals.

In the extension service, scientific data developed by the state experimental station are given to the people through the demonstration method of teaching. This is mostly done through selected volunteer leaders in rural communities who agree to put into practice a method recommended by the extension service after it has been proved scientifically correct either by long farm practice elsewhere or through experiment station research. 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.

The extension service, in addition to demonstration work, maintains touch with the farmer and the farm home through direct correspondence and through the issuance of bulletins. The extension staff and list of county extension agents in the state, with their addresses, follow:

### EXTENSION SERVICE Colorado Agricultural College

F. A. Anderson.....Director  
J. E. Morrison.....Assistant Director  
R. H. Felts.....County Agent Leader  
A. C. Allen...Asst. County Agent Leader  
C. W. Ferguson.....State Club Agent  
Nora M. Hott.....State Home Agent  
E. D. Smith.....  
.....Extension Economist, Marketing  
T. G. Stewart...Extension Agronomist  
L. H. Rochford.....  
.....Extension Animal Husbandman  
Sue C. Blundell.....Clothing Specialist  
C. A. Smith.....Extension Dairyman

Thos. H. Summers.....  
.....Senior Economist, Farm Management  
F. C. Jans.....  
.....Ext. Economist, Farm Management  
W. F. Droge.....  
.....Ext. Econ. Farm Management  
Mary E. Sutherland.....  
.....Ext. Economist, Home Management  
Wm. Case.....  
.....Acting Extension Horticulturist  
Miriam J. Williams.....  
.....Extension Nutritionist  
O. C. Ufford.....Extension Poultryman  
H. H. Young.....  
Supt. Egg Laying Contest—Canon City

### COUNTY EXTENSION AGENTS

| County            | Agent                   | Headquarters      |
|-------------------|-------------------------|-------------------|
| Adams.....        | H. A. Sandhouse.        | Brighton          |
| Alamosa.....      | M. C. Grandy            | Alamosa           |
| Arapahoe.....     | A. H. Tedmon            | Littleton         |
| Boulder.....      | R. E. Kiely             | Longmont          |
| Costilla.....     | E. W. Martin            | San Luis          |
| Delta.....        | R. H. Tucker            | Delta             |
| El Paso.....      | R. H. Felts             | .....             |
| .....             | .....                   | Colorado Springs  |
| Fremont.....      | R. D. Woodfin           | Canon City        |
| Garfield.....     | A. V. Lough             | .....             |
| .....             | .....                   | Glenwood Springs  |
| Huerfano.....     | B. W. Allred            | Walsenburg        |
| Kiowa.....        | J. G. Bishop            | .....             |
| Eads              | .....                   | .....             |
| La Plata.....     | W. B. Smith             | Durango           |
| Larimer.....      | D. C. Bascom            | Fort Collins      |
| Las Animas.....   | S. W. Morgan            | Trinidad          |
| Lincoln.....      | L. C. Gilbert           | Hugo              |
| Logan.....        | H. E. Hogsett           | Sterling          |
| Mesa.....         | J. C. Foster            | .....             |
| .....             | .....                   | Grand Junction    |
| Moffat.....       | T. J. Snyder            | Craig             |
| Montezuma.....    | A. F. Hoffman, Jr.      | Cortez            |
| Montrose.....     | O. D. Stanton           | Montrose          |
| Otero.....        | R. E. Williams          | .....             |
| .....             | .....                   | Rocky Ford        |
| Prowers.....      | F. R. Lamb              | Lamar             |
| Pueblo.....       | W. H. Sawhill           | Pueblo            |
| Rio Grande.....   | A. A. Goodman           | .....             |
| .....             | .....                   | Monte Vista       |
| Routt.....        | F. D. Moon              | .....             |
| .....             | .....                   | Steamboat Springs |
| San Miguel.....   | J. H. Cheney            | Norwood           |
| Sedgwick.....     | G. E. McCrimmon         | .....             |
| .....             | .....                   | Julesburg         |
| Teller.....       | H. J. Ryan              | Cripple Creek     |
| Washington.....   | E. J. Meadows           | Akron             |
| Weld.....         | H. H. Simpson           | Greeley           |
| Weld (Asst.)..... | Walter S. Stratton, Jr. | .....             |
| .....             | .....                   | Greeley           |
| Yuma.....         | P. B. Miles             | Wray              |

### HOME DEMONSTRATION AGENTS

Alamosa-  
Conejos.....Marie Neff.....Alamosa  
El Paso.....Bertha Boger Wear.....  
.....Colorado Springs  
Garfield.....Gladys Bradley.....  
.....Glenwood Springs  
Larimer.....Delphine Dawson.....  
.....Fort Collins  
Lincoln.....Frances Riley.....Hugo  
Logan.....Eline Davenport.....Sterling  
Prowers.....Virginia Blackford.....Lamar  
Pueblo-Otero.....Jessie Reinholtz.....Pueblo  
Rio Grande.....Nellie Mathews.....  
.....Monte Vista  
Routt.....Josephine Chambers.....  
.....Steamboat Springs  
Washington.....Opal Stafford.....Akron

# Agriculture

**D**ESPITE the fact that in terms of bushels, tons and other units of measurement the farm crop of 1930 was the largest in the history of Colorado, its aggregate value fell materially below the gross farm value of the 1929 crop, due wholly to market conditions. In most instances prices were unsatisfactory, with the result that sugar beets and corn, among the major crops, were the only ones to show increased values over the preceding year. The Colorado Co-Operative Crop Reporting Service fixed the farm value of the 1930 crop, on the basis of December 1 prices for most crops and seasonal prices for others, at \$126,174,000, compared with \$140,964,800 for the crop of 1929.

Colorado agriculture in general was favored during the 1930 season, the only exception being the fruit crops, which were damaged by heavy frosts early in May. Although there was a threat of drought in the early part of the season, precipitation became more nearly normal later in the year and growing conditions in general were satisfactory. Rainfall for the year was approximately normal, and losses of acreage due to hail, insects and plant diseases were considerably below the average. Fall freezes were delayed, and weather conditions were favorable for maturing and harvesting practically all row crops.

Crop yields per acre were almost uniformly higher than in 1929. The acreages planted to corn, winter wheat, rye, dry beans, grain sorghums, broom corn, hay and sugar beets were larger than in the preceding year, while spring wheat, barley and potatoes showed reduced acreage. Likewise the acreages of most of the truck crops were below the 1929 level, but dry beans, broom corn and sugar beets broke all past acreage records.

The fact that Colorado occupied a much more favorable position in agriculture during 1930 than did most of the rest of the United States is shown by the fact that crop values in this state were nearly 90 per cent of the total value for 1929, while for the country as a whole the 1930 crop was worth only about 72 per cent of the preceding year's value. Both Colorado and the United States showed some increase in harvested acreage in 1930 over 1929, but Colorado's increase was considerably larger than the increase for the

nation as a whole, indicating a lower loss from climatic and other agricultural disasters.

The trend toward fewer cultivated farms, with larger average areas, was continued in 1930. Since 1924 each succeeding year has shown fewer farms under operation in Colorado, and almost without exception each year has recorded an increase in the average number of acres per farm. The following table shows the variations from year to year in the number of farms, average size of farms, total acreage cultivated and value of the crop for the past twelve years, all figures for 1930 being preliminary and subject to revision:

| Year      | No. Farms | Av. Size of Farms |
|-----------|-----------|-------------------|
| 1920..... | 49,117    | 266.27            |
| 1921..... | 52,245    | 294.62            |
| 1922..... | 54,667    | 295.10            |
| 1923..... | 51,589    | 290.36            |
| 1924..... | 56,746    | 304.91            |
| 1925..... | 53,190    | 313.17            |
| 1926..... | 52,220    | 321.17            |
| 1927..... | 50,230    | 303.97            |
| 1928..... | 48,900    | 339.42            |
| 1929..... | 46,200    | 347.52            |
| 1930..... | 45,613    | 358.72            |

| Year      | Acreage   | Crop Value    |
|-----------|-----------|---------------|
| 1920..... | 5,729,000 | \$156,667,000 |
| 1921..... | 5,823,000 | 91,270,000    |
| 1922..... | 5,772,000 | 102,370,000   |
| 1923..... | 6,144,000 | 131,275,000   |
| 1924..... | 6,251,000 | 125,881,000   |
| 1925..... | 6,143,000 | 139,722,000   |
| 1926..... | 6,471,000 | 121,631,000   |
| 1927..... | 6,226,000 | 125,524,000   |
| 1928..... | 6,368,000 | 117,448,000   |
| 1929..... | 6,508,000 | 140,965,000   |
| 1930..... | 6,817,000 | 126,174,000   |

In addition to tables showing the number and other data concerning Colorado farms compiled by the co-operative crop reporting service, there are published in this volume other tables giving the reports of the United States census bureau. The census figures in most instances being higher than the figures shown by the crop reporting service, it should be borne in mind in making comparisons that the census bureau includes in its tabulations many farms which are not included by the state-federal service because they produce nothing but pasture. Also the census counts as individual farms those operated under different management by a single farmer, whereas the state figures combine such farms into a single unit. The discrepancies are not as important, if these facts are considered, as they seem at first glance.



**SUMMARY OF THE ACREAGE, PRODUCTION AND VALUE OF PRINCIPAL CROPS IN THE UNITED STATES, 1929 AND 1930, AND COLORADO'S PROPORTION OF TOTALS**

| Crop and Year            | Acreage     | Production    | Price Per Unit | Value           | Colorado's Per Cent of U. S. Totals |             |       |
|--------------------------|-------------|---------------|----------------|-----------------|-------------------------------------|-------------|-------|
|                          |             |               |                |                 | Acreage                             | Pro-duction | Value |
| <b>Corn:</b>             |             |               |                |                 |                                     |             |       |
| 1929-----                | 97,856,000  | 2,614,132,000 | \$ .781        | \$2,042,893,000 | 1.39                                | 0.89        | 0.85  |
| 1930-----                | 100,829,000 | 2,081,048,000 | .663           | 1,378,874,000   | 1.50                                | 1.78        | 1.13  |
| <b>All Wheat:</b>        |             |               |                |                 |                                     |             |       |
| 1929-----                | 61,464,000  | 809,176,000   | 1.042          | 843,030,000     | 2.28                                | 2.24        | 1.93  |
| 1930-----                | 59,153,000  | 850,965,000   | .608           | 517,407,000     | 2.47                                | 2.56        | 2.24  |
| <b>Oats (Grain):</b>     |             |               |                |                 |                                     |             |       |
| 1929-----                | 40,043,000  | 1,228,369,000 | .435           | 533,807,000     | 0.53                                | 0.54        | 0.59  |
| 1930-----                | 41,598,000  | 1,402,026,000 | .324           | 453,973,000     | 0.51                                | 0.51        | 0.56  |
| <b>Barley:</b>           |             |               |                |                 |                                     |             |       |
| 1929-----                | 13,068,000  | 302,892,000   | .550           | 166,613,000     | 4.93                                | 4.45        | 4.37  |
| 1930-----                | 12,437,000  | 325,893,000   | .396           | 129,137,000     | 4.92                                | 4.79        | 4.83  |
| <b>Rye:</b>              |             |               |                |                 |                                     |             |       |
| 1929-----                | 3,331,000   | 41,911,000    | .864           | 36,225,000      | 2.51                                | 2.19        | 1.79  |
| 1930-----                | 3,722,000   | 50,234,000    | .416           | 20,895,000      | 2.50                                | 2.13        | 1.90  |
| <b>Grain Sorghums:</b>   |             |               |                |                 |                                     |             |       |
| 1929-----                | 5,921,000   | 100,845,000   | .710           | 71,617,000      | 3.46                                | 2.24        | 2.52  |
| 1930-----                | 6,180,000   | 86,622,000    | .641           | 55,486,000      | 3.41                                | 3.28        | 2.57  |
| <b>All Hay:</b>          |             |               |                |                 |                                     |             |       |
| 1929-----                | 74,203,000  | 113,658,000   | 11.76          | 1,336,946,000   | 2.12                                | 2.71        | 2.61  |
| 1930-----                | 72,609,000  | 94,767,000    | 11.98          | 1,135,294,000   | 2.25                                | 3.26        | 2.49  |
| <b>Dry Beans:</b>        |             |               |                |                 |                                     |             |       |
| 1929-----                | 1,960,000   | 20,707,000    | 3.78           | 78,371,000      | 15.65                               | 9.88        | 7.08  |
| 1930-----                | 2,181,000   | 22,137,000    | 2.40           | 53,098,000      | 17.65                               | 17.74       | 9.98  |
| <b>Potatoes—White:</b>   |             |               |                |                 |                                     |             |       |
| 1929-----                | 3,338,000   | 359,048,000   | 1.309          | 469,837,000     | 2.61                                | 3.45        | 2.88  |
| 1930-----                | 3,394,000   | 361,090,000   | .904           | 326,457,000     | 2.53                                | 4.17        | 2.77  |
| <b>Sugar Beets:</b>      |             |               |                |                 |                                     |             |       |
| 1929-----                | 688,000     | 7,318,000     | 7.08           | 51,824,000      | 29.29                               | 28.19       | 31.71 |
| 1930-----                | 799,000     | 9,175,000     | 7.15           | 65,561,000      | 30.41                               | 35.96       | 34.92 |
| <b>Broom Corn:</b>       |             |               |                |                 |                                     |             |       |
| 1929-----                | 303,000     | 47,200        | 122.65         | 5,789,000       | 19.37                               | 20.78       | 19.09 |
| 1930-----                | 395,000     | 49,600        | 73.81          | 3,661,000       | 17.47                               | 19.15       | 13.22 |
| <b>TRUCK CROPS</b>       |             |               |                |                 |                                     |             |       |
| <b>Snap Beans:</b>       |             |               |                |                 |                                     |             |       |
| 1929-----                | 149,810     | 188,600       | 99.27          | 18,723,000      | 2.08                                | 4.45        | 2.36  |
| 1930-----                | 173,380     | 188,500       | 93.28          | 17,553,000      | 1.48                                | 5.25        | 3.55  |
| <b>Cabbage:</b>          |             |               |                |                 |                                     |             |       |
| 1929-----                | 157,230     | 1,102,200     | 18.86          | 20,791,000      | 2.10                                | 3.18        | 3.19  |
| 1930-----                | 155,010     | 1,014,900     | 19.19          | 19,475,000      | 2.52                                | 4.80        | 2.16  |
| <b>Cantaloupes:</b>      |             |               |                |                 |                                     |             |       |
| 1929-----                | 107,140     | 16,982,000    | 1.31           | 22,290,000      | 10.30                               | 15.06       | 9.39  |
| 1930-----                | 127,380     | 15,391,000    | 1.21           | 18,612,000      | 7.85                                | 12.99       | 12.89 |
| <b>Cauliflower:</b>      |             |               |                |                 |                                     |             |       |
| 1929-----                | 25,580      | 6,500,000     | .80            | 5,206,000       | 14.20                               | 20.12       | 17.72 |
| 1930-----                | 27,520      | 5,595,000     | .83            | 4,630,000       | 10.90                               | 17.16       | 16.59 |
| <b>Celery:</b>           |             |               |                |                 |                                     |             |       |
| 1929-----                | 29,680      | 8,872,000     | 1.66           | 14,617,000      | 3.65                                | 2.90        | 1.93  |
| 1930-----                | 31,840      | 10,043,000    | 1.48           | 14,825,000      | 2.64                                | 2.17        | 1.32  |
| <b>Cucumbers:</b>        |             |               |                |                 |                                     |             |       |
| 1929-----                | 120,710     | 8,639,000     | 1.34           | 11,537,000      | 2.15                                | 3.19        | 1.33  |
| 1930-----                | 166,160     | 11,740,000    | .90            | 10,723,000      | 1.69                                | 3.10        | 1.80  |
| <b>Lettuce:</b>          |             |               |                |                 |                                     |             |       |
| 1929-----                | 141,010     | 20,180,000    | 1.82           | 36,826,000      | 6.93                                | 5.30        | 3.64  |
| 1930-----                | 167,610     | 19,849,000    | 1.70           | 33,670,000      | 5.37                                | 4.08        | 2.04  |
| <b>Onions:</b>           |             |               |                |                 |                                     |             |       |
| 1929-----                | 86,850      | 25,470,000    | .74            | 18,710,000      | 8.09                                | 9.99        | 5.76  |
| 1930-----                | 82,940      | 26,124,000    | .50            | 13,146,000      | 6.75                                | 6.60        | 4.20  |
| <b>FRUITS</b>            |             |               |                |                 |                                     |             |       |
| <b>Apples:</b>           |             |               |                |                 |                                     |             |       |
| 1929-----                | -----       | 142,788,000   | 1.317          | 187,984,000     | ---                                 | 1.76        | 1.27  |
| 1930-----                | -----       | 163,543,000   | .933           | 152,548,000     | ---                                 | 0.69        | 0.63  |
| <b>Peaches:</b>          |             |               |                |                 |                                     |             |       |
| 1929-----                | -----       | 45,789,000    | 1.357          | 62,140,000      | ---                                 | 2.17        | 2.31  |
| 1930-----                | -----       | 53,286,000    | .903           | 42,340,000      | ---                                 | 1.53        | 2.80  |
| <b>Pears:</b>            |             |               |                |                 |                                     |             |       |
| 1929-----                | -----       | 22,063,000    | 1.432          | 31,588,000      | ---                                 | 3.11        | 3.25  |
| 1930-----                | -----       | 25,703,000    | .763           | 19,611,000      | ---                                 | 0.67        | 1.15  |
| <b>Crops not listed*</b> |             |               |                |                 |                                     |             |       |
| 1929-----                | 61,526,990  | -----         | ---            | 2,607,906,000   | ---                                 | ---         | ---   |
| 1930-----                | 62,278,160  | -----         | ---            | 1,787,421,000   | ---                                 | ---         | ---   |
| <b>Totals:</b>           |             |               |                |                 |                                     |             |       |
| 1929-----                | 364,520,000 | -----         | ---            | \$8,675,270,000 | 1.78                                | ---         | 1.61  |
| 1930-----                | 366,507,000 | -----         | ---            | 6,274,427,000   | 1.85                                | ---         | 1.99  |

\*For the purposes of this table only the crops which are produced in Colorado and are therefore interesting for comparative purposes have been listed. The table includes by far the major portion of both acreages and values for all crops, but omits some important crops, such as cotton, rice, etc. All crops are included in the United States totals shown last above.

COLORADO'S CROP ACREAGE, PRODUCTION AND VALUE, 1930 AND 1929

| Kind of Crop   | 1930      |                |               | 1929      |                |               |
|--|-----------|----------------|---------------|-----------|----------------|---------------|
|  | Acreage   | Production     | Value         | Acreage   | Production     | Value         |
| Winter Wheat-----  | 1,147,000 | 16,632,000 Bu. | \$ 8,815,000  | 1,043,000 | 11,994,000 Bu. | \$ 11,154,000 |
| Spring Wheat-----  | 312,000   | 5,148,000 Bu.  | 2,780,000     | 354,000   | 6,018,000 Bu.  | 5,537,000     |
| All Wheat-----   | 1,459,000 | 21,780,000 Bu. | 11,595,000    | 1,397,000 | 18,012,000 Bu. | 16,691,000    |
| Corn <sup>1</sup> -----  | 1,516,000 | 37,142,000 Bu. | 23,028,000    | 1,366,000 | 23,222,000 Bu. | 17,416,000    |
| Oats for Grain <sup>2</sup> -----  | 212,000   | 7,102,000 Bu.  | 2,557,000     | 212,000   | 6,572,000 Bu.  | 3,155,000     |
| Barley for Grain-----  | 612,000   | 15,606,000 Bu. | 6,242,000     | 651,000   | 13,671,000 Bu. | 7,382,000     |
| Rye for Grain-----   | 93,000    | 1,070,000 Bu.  | 396,000       | 81,000    | 891,000 Bu.    | 633,000       |
| Grain Sorghums <sup>3</sup> -----  | 211,000   | 2,848,000 Bu.  | 1,424,000     | 205,000   | 2,255,000 Bu.  | 1,804,000     |
| Sweet Sorghums-----  | 78,000    | 172,000 T.     | 1,032,000     | 80,000    | 152,000 T.     | 1,216,000     |
| Broomcorn-----   | 69,000    | 9,500 T.       | 484,000       | 60,000    | 10,100 T.      | 1,131,000     |
| Field Peas <sup>4</sup> -----  | 50,000    | 600,000 Bu.    | 540,000       | 50,000    | 600,000 Bu.    | 720,000       |
| Dry Beans-----   | 385,000   | 3,927,000 Bu.  | 5,301,000     | 350,000   | 2,345,000 Bu.  | 6,332,000     |
| Potatoes-----  | 86,000    | 15,050,000 Bu. | 9,030,000     | 88,000    | 12,320,000 Bu. | 13,552,000    |
| Sugar Beets-----   | 243,000   | 3,299,000 T.   | 22,895,000    | 210,000   | 2,612,000 T.   | 18,106,000    |
| Cabbage-----   | 3,900     | 48,700 T.      | 420,000       | 3,300     | 35,000 T.      | 715,000       |
| Onions-----  | 5,600     | 1,725,000 Bu.  | 552,000       | 7,000     | *2,583,000 Bu. | 1,097,000     |
| Cauliflower-----   | 3,000     | 960,000 Cr.    | 768,000       | 3,600     | 1,296,000 Cr.  | 907,000       |
| Tomatoes for Mfg. and Market-----  | 2,930     | 23,286 T.      | 386,000       | 2,630     | 25,707 T.      | 375,000       |
| Cantaloupes and Honey Dew Melons for Market-----                           | 10,000    | 2,000,000 Cr.  | 2,400,000     | 11,000    | 2,530,000 Cr.  | 2,100,000     |
| Cantaloupes and Honey Dew Melons for Seed-----                             | 2,400     | 600,000 Lb.    | 192,000       | 1,700     | 425,000 Lb.    | 128,000       |
| Cucumbers for Pickles-----   | 2,800     | 364,000 Bu.    | 193,000       | 2,000     | 230,000 Bu.    | 138,000       |
| Cucumbers for Seed-----  | 4,400     | 1,936,000 Lb.  | 580,800       | 3,800     | 1,216,000 Lb.  | 340,000       |
| Snap Beans for Mfg. and Mkt.-----  | 2,560     | 9,900 T.       | 625,000       | 2,800     | 8,400 T.       | 505,000       |
| Peas for Canning and Market-----   | 11,490    | -----          | 1,119,000     | 12,900    | -----          | 1,134,000     |
| Lettuce-----   | 9,000     | 810,000 Cr.    | 688,000       | 9,800     | 1,078,000 Cr.  | 1,348,000     |
| Celery-----  | 850       | 221,000 Cr.    | 198,900       | 1,050     | 252,000 Cr.    | 277,000       |
| Millet Seed <sup>5</sup> -----   | 43,000    | 731,000 Bu.    | 425,700       | 35,000    | 420,000 Bu.    | 315,000       |
| Alfalfa Seed-----  | 5,000     | 15,000 Bu.     | 126,000       | 5,000     | 20,000 Bu.     | 202,000       |
| Other Farm, Garden and Seed Crops not listed separately <sup>6</sup> ----- | 34,370    | -----          | 996,100       | 36,350    | -----          | 1,139,800     |
| Tame Hay, All Varieties-----   | 1,244,000 | 2,659,000 T.   | 24,463,000    | 1,203,000 | 2,677,000 T.   | 30,786,000    |
| Wild Hay-----  | 391,000   | 430,000 T.     | 3,784,000     | 387,000   | 426,000 T.     | 4,388,000     |
| Apples-----  | -----     | 1,130,000 Bu.  | 960,000       | -----     | 2,460,000 Bu.  | 2,337,000     |
| Peaches-----   | -----     | 817,000 Bu.    | 1,185,000     | -----     | 1,000,000 Bu.  | 1,450,000     |
| Pears-----   | -----     | 173,000 Bu.    | 225,000       | -----     | 650,000 Bu.    | 975,000       |
| Cherries-----  | -----     | 2,200 T.       | 198,000       | -----     | 4,600 T.       | 540,000       |
| Grapes-----  | -----     | 223 T.         | 10,035        | -----     | 374 T.         | 15,000        |
| Miscellaneous Fruits-----  | -----     | -----          | 195,965       | -----     | -----          | 625,000       |
| Sugar Beet Tops-----   | -----     | -----          | 850,500       | -----     | -----          | 840,000       |
| Rye for Pasture-----   | 27,000    | -----          | 108,000       | 30,000    | -----          | 150,000       |
| Totals-----  | 6,817,300 | -----          | \$126,174,000 | 6,507,930 | -----          | \$140,964,800 |

\*Including 146,000 bushels lost by freeze but not included in computing value.

<sup>1</sup>This item includes the entire acreage of corn, whether harvested for mature corn, cut for silage or dry forage, or hogged off.

<sup>2</sup>In addition to the acreage harvested for grain, there is a large acreage of oats cut green for hay, this additional acreage appearing in the hay table.

<sup>3</sup>Acreage of grain sorghums and field peas include the crop actually saved for grain and such acreage as is cut green and fed as forage, the grain value being about the same in either case.

<sup>4</sup>This acreage of millet saved for seed is in addition to the area harvested for hay as shown in the hay table.

<sup>5</sup>This item includes 8,000 acres of farm gardens, 2,300 acres of pumpkins and squash, 600 acres of watermelons, 1,500 acres of sweet corn, 18,000 acres of speltz and 3,970 acres of other garden and seed crops not itemized by counties.

Note—This table shows the entire acreage devoted to the various crops, whether intended for the general market or sold and consumed locally. In the case of some of the garden and truck crops the acreage is larger than that counted for the general market, but as the acreage devoted to local use is comparatively small it has not been segregated.



## FARM VALUE OF CROPS BY COUNTIES, 1930

| COUNTY      | Corn       | Wheat      | Oats      | Barley     | Rye      | Potatoes  | Dry Beans  | Sorghums  | Sugar Beets | All Hay    | Fruits    | Miscellaneous Crops | Totals       | Av. Value Per Acre Cultivated |
|-------------|------------|------------|-----------|------------|----------|-----------|------------|-----------|-------------|------------|-----------|---------------------|--------------|-------------------------------|
| Adams       | \$ 492,110 | \$ 540,330 | \$ 33,840 | \$ 145,360 | \$ 7,200 | \$ 11,070 | \$ 302,390 | \$ 50,540 | \$ 998,030  | \$ 425,940 | \$ 11,430 | \$ 642,270          | \$ 3,660,560 | \$17.28                       |
| Alamosa     | 33,400     | 33,400     | 66,670    | 36,710     | ---      | 671,620   | ---        | ---       | 53,410      | 506,430    | ---       | 132,930             | 1,500,170    | 24.11                         |
| Arapahoe    | 297,020    | 307,130    | 16,530    | 54,340     | 3,640    | 810       | 245,670    | 31,960    | 123,650     | 269,880    | 4,290     | 72,180              | 1,426,100    | 11.11                         |
| Archuleta   | 8,330      | 16,030     | 16,100    | 5,860      | ---      | 9,600     | 660        | ---       | ---         | 314,220    | 720       | 840                 | 372,360      | 17.17                         |
| Baca        | 560,280    | 558,610    | 780       | 24,040     | 3,740    | ---       | 41,710     | 295,360   | ---         | 41,110     | 510       | 354,570             | 1,880,710    | 6.20                          |
| Bent        | 511,790    | 49,570     | 21,060    | 90,060     | 490      | 540       | 24,020     | 87,360    | 441,890     | 724,770    | 1,620     | 334,750             | 2,337,920    | 26.37                         |
| Boulder     | 250,790    | 284,530    | 76,290    | 158,370    | 710      | 5,400     | 5,940      | ---       | 874,500     | 557,820    | 16,480    | 211,210             | 2,442,040    | 29.73                         |
| Chaffee     | 280        | 9,530      | 25,020    | 30,550     | 200      | 35,100    | 9,210      | 106,120   | 2,070       | 203,010    | 90        | 149,450             | 465,300      | 24.72                         |
| Cheyenne    | 1,101,750  | 35,450     | 5,340     | 73,980     | 1,510    | 1,800     | ---        | ---       | ---         | 80,230     | 140       | 32,820              | 1,447,350    | 11.56                         |
| Clear Creek | ---        | ---        | ---       | 80         | 30       | 780       | ---        | ---       | ---         | 11,440     | ---       | 250                 | 14,320       | 11.88                         |
| Conchos     | ---        | 72,320     | 80,010    | 134,720    | ---      | 660,160   | 9,070      | ---       | 12,890      | 807,430    | ---       | 446,320             | 2,222,920    | 25.43                         |
| Costilla    | ---        | 29,320     | 8,760     | 33,260     | ---      | 85,700    | 7,760      | ---       | 1,020       | 151,100    | ---       | 494,170             | 821,090      | 27.53                         |
| Crowley     | 276,240    | 4,190      | 20,680    | 53,510     | 150      | 85,600    | 85,220     | 21,260    | 439,940     | 358,910    | 2,140     | 1,172,500           | 2,435,340    | 42.77                         |
| Custer      | 13,990     | 7,040      | 33,960    | 18,280     | 1,780    | 158,990   | ---        | 60        | ---         | 297,890    | 120       | 38,510              | 620,620      | 22.58                         |
| Delta       | 135,570    | 54,440     | 19,450    | 39,230     | 60       | 75,170    | 4,680      | ---       | 176,320     | 750,410    | 870,210   | 144,400             | 2,269,940    | 45.21                         |
| Denver      | ---        | ---        | ---       | ---        | ---      | ---       | ---        | ---       | ---         | ---        | ---       | ---                 | ---          | ---                           |
| Dolores     | 17,000     | 23,450     | 8,280     | 2,360      | 870      | 9,180     | 48,860     | 1,510     | ---         | 17,230     | 4,800     | 1,820               | 136,620      | 10.88                         |
| Douglas     | 231,970    | 32,260     | 64,660    | 25,620     | 8,390    | 2,640     | 27,930     | 6,720     | ---         | 323,820    | 540       | 4,000               | 728,340      | 14.30                         |
| Eagle       | ---        | 17,140     | 31,750    | 5,380      | ---      | 189,660   | ---        | ---       | ---         | 360,740    | 260       | 52,570              | 657,500      | 23.73                         |
| Elbert      | 527,820    | 132,780    | 65,880    | 47,330     | 15,620   | 32,400    | 669,610    | 52,340    | ---         | 384,240    | 170       | 78,180              | 2,007,370    | 11.27                         |
| El Paso     | 659,310    | 28,310     | 105,340   | 23,410     | 19,200   | 25,200    | 586,490    | 30,220    | 44,290      | 444,470    | 1,620     | 51,100              | 2,018,960    | 13.28                         |
| Fremont     | 77,350     | 7,460      | 18,260    | 9,940      | 770      | 15,180    | 1,720      | 70        | 4,200       | 267,220    | 78,140    | 238,390             | 718,700      | 34.34                         |
| Garfield    | 22,560     | 79,430     | 46,480    | 42,130     | 1,330    | 317,340   | 2,110      | ---       | 179,230     | 942,910    | 35,600    | 23,400              | 1,692,520    | 29.91                         |
| Gilpin      | ---        | 90         | 3,750     | 90         | 60       | 3,780     | ---        | ---       | ---         | 13,520     | ---       | 17,200              | 38,490       | 19.54                         |
| Grand       | ---        | 1,430      | 14,820    | 13,050     | 410      | 5,280     | ---        | ---       | ---         | 881,400    | ---       | 101,560             | 518,280      | 17.24                         |
| Gunnison    | ---        | 1,770      | 6,770     | 4,650      | 40       | 17,370    | ---        | ---       | ---         | 680,090    | ---       | 2,090               | 712,780      | 13.51                         |
| Hinsdale    | ---        | ---        | 3,580     | 630        | ---      | 1,560     | ---        | ---       | ---         | 43,490     | ---       | 1,120               | 50,380       | 13.63                         |
| Huerfano    | 78,490     | 20,320     | 24,200    | 12,280     | 230      | 9,900     | 21,890     | 11,930    | 2,110       | 277,320    | 1,140     | 18,360              | 478,230      | 13.11                         |
| Jackson     | ---        | ---        | 2,820     | 590        | 200      | 4,080     | ---        | ---       | ---         | 932,950    | ---       | 60                  | 940,700      | 10.66                         |
| Jefferson   | 129,480    | 183,570    | 63,950    | 56,170     | 970      | 38,400    | 4,320      | 210       | 77,520      | 458,540    | 74,210    | 361,490             | 1,448,830    | 25.94                         |
| Kiowa       | 671,940    | 7,930      | 1,100     | 27,790     | 400      | 450       | 3,890      | 216,670   | ---         | 50,200     | 150       | 21,120              | 1,001,640    | 10.60                         |
| Kit Carson  | 2,020,480  | 446,010    | 52,510    | 554,950    | 19,620   | 19,890    | 41,160     | 232,060   | ---         | 174,090    | 110       | 52,740              | 3,613,410    | 9.96                          |





## DISTRIBUTION OF CULTIVATED OR HARVESTED AREA, 1930



Each dot represents 10,000 acres; cross represents acreage of less than 10,000.

## DISTRIBUTION OF CROP VALUES, 1930



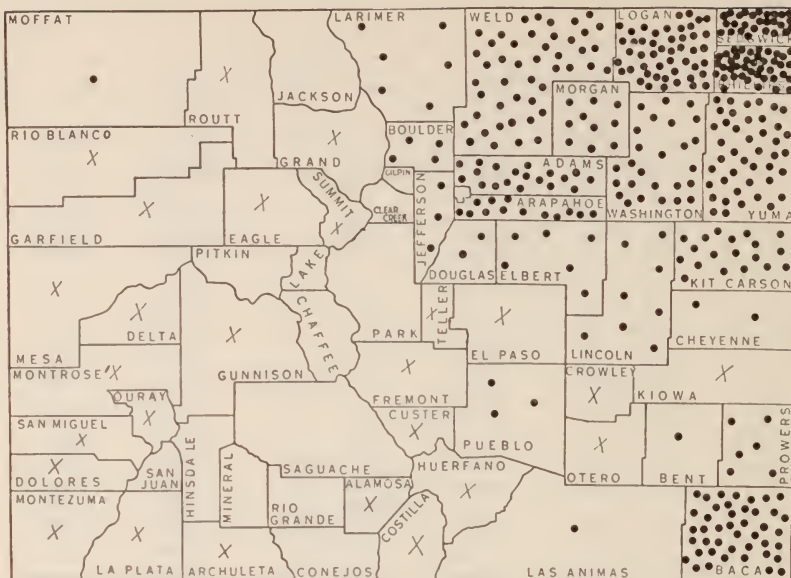
Each dot represents \$500,000; triangle represents \$100,000 to \$500,000; cross represents less than \$100,000.

ACREAGE AND PRODUCTION OF WINTER WHEAT, 1930

| COUNTY      | IRRIGATED |               |                    | NON-IRRIGATED |               |                    | TOTALS    |                    |
|-------------|-----------|---------------|--------------------|---------------|---------------|--------------------|-----------|--------------------|
|             | Acreage   | Average Yield | Production Bushels | Acreage       | Average Yield | Production Bushels | Acreage   | Production Bushels |
| Adams       | 5,340     | 25            | 133,500            | 50,910        | 10            | 509,100            | 56,250    | 642,600            |
| Alamosa     | 20        | 26            | 520                | ---           | ---           | ---                | 20        | 520                |
| Arapahoe    | 5,630     | 24            | 135,120            | 33,160        | 9             | 298,440            | 38,790    | 433,560            |
| Archuleta   | 10        | 23            | 230                | 30            | 13            | 390                | 40        | 620                |
| Baca        | ---       | ---           | ---                | 129,500       | 8             | 1,036,000          | 129,500   | 1,036,000          |
| Bent        | 2,710     | 31            | 84,010             | 430           | 9             | 3,870              | 3,140     | 87,880             |
| Boulder     | 7,230     | 33            | 238,590            | 3,460         | 16            | 55,360             | 10,690    | 293,950            |
| Chaffee     | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Cheyenne    | ---       | ---           | ---                | 5,180         | 9             | 46,620             | 5,180     | 46,620             |
| Clear Creek | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Conejos     | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Costilla    | 320       | 32            | 10,240             | ---           | ---           | ---                | 320       | 10,240             |
| Crowley     | 150       | 29            | 4,350              | ---           | ---           | ---                | 150       | 4,350              |
| Custer      | 70        | 26            | 1,820              | 110           | 10            | 1,100              | 180       | 2,920              |
| Delta       | 350       | 33            | 11,550             | 70            | 13            | 910                | 420       | 12,460             |
| Denver      | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Dolores     | ---       | ---           | ---                | 2,130         | 9             | 19,170             | 2,130     | 19,170             |
| Douglas     | ---       | ---           | ---                | 4,780         | 11            | 52,580             | 4,780     | 52,580             |
| Eagle       | 80        | 36            | 2,880              | 50            | 20            | 1,000              | 130       | 3,880              |
| Elbert      | ---       | ---           | ---                | 17,920        | 8             | 143,360            | 17,920    | 143,360            |
| El Paso     | 20        | 28            | 560                | 1,460         | 11            | 16,060             | 1,480     | 16,620             |
| Fremont     | 80        | 24            | 1,920              | 90            | 11            | 990                | 170       | 2,910              |
| Garfield    | 50        | 36            | 1,800              | 60            | 18            | 1,080              | 110       | 2,880              |
| Gilpin      | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Grand       | 80        | 27            | 2,160              | 10            | 19            | 190                | 90        | 2,350              |
| Gunnison    | ---       | ---           | ---                | 40            | 14            | 560                | 40        | 560                |
| Hinsdale    | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Huerfano    | 10        | 29            | 290                | 2,530         | 12            | 30,360             | 2,540     | 30,650             |
| Jackson     | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Jefferson   | 5,060     | 30            | 151,800            | 2,500         | 15            | 37,500             | 7,560     | 189,300            |
| Kiowa       | ---       | ---           | ---                | 710           | 12            | 8,520              | 710       | 8,520              |
| Kit Carson  | ---       | ---           | ---                | 58,120        | 11            | 639,320            | 58,120    | 639,320            |
| Lake        | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| La Plata    | 880       | 22            | 19,360             | 210           | 13            | 2,730              | 1,090     | 22,090             |
| Larimer     | 4,440     | 33            | 146,520            | 12,180        | 16            | 194,880            | 16,620    | 341,400            |
| Las Animas  | 720       | 25            | 18,000             | 2,490         | 10            | 24,900             | 3,210     | 42,900             |
| Lincoln     | ---       | ---           | ---                | 23,210        | 6             | 139,260            | 23,210    | 139,260            |
| Logan       | 1,150     | 29            | 33,350             | 143,050       | 14            | 2,002,700          | 144,200   | 2,036,050          |
| Mesa        | 1,590     | 31            | 49,290             | 490           | 13            | 6,370              | 2,080     | 55,660             |
| Mineral     | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Moffat      | 90        | 29            | 2,610              | 3,930         | 17            | 66,810             | 4,020     | 69,420             |
| Montezuma   | 280       | 27            | 7,560              | 660           | 15            | 9,900              | 940       | 17,460             |
| Montrose    | 400       | 33            | 13,200             | 80            | 14            | 1,120              | 480       | 14,320             |
| Morgan      | 7,650     | 26            | 198,900            | 23,810        | 11            | 261,910            | 31,460    | 460,810            |
| Otero       | 1,420     | 32            | 45,440             | 170           | 10            | 1,700              | 1,590     | 47,140             |
| Duray       | ---       | ---           | ---                | 50            | 13            | 650                | 50        | 650                |
| Park        | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Phillips    | ---       | ---           | ---                | 122,340       | 18            | 2,202,120          | 122,340   | 2,202,120          |
| Pitkin      | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Prowers     | 4,550     | 29            | 131,950            | 13,650        | 10            | 136,500            | 18,200    | 268,450            |
| Pueblo      | 660       | 31            | 20,460             | 9,080         | 12            | 108,960            | 9,740     | 129,420            |
| Rio Blanco  | 30        | 33            | 990                | 1,420         | 18            | 25,560             | 1,450     | 26,550             |
| Rio Grande  | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Routt       | 30        | 34            | 1,020              | 1,940         | 21            | 40,740             | 1,970     | 41,760             |
| Saguache    | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| San Juan    | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| San Miguel  | 10        | 32            | 320                | 640           | 11            | 7,040              | 650       | 7,360              |
| Sedgwick    | 320       | 29            | 9,280              | 81,000        | 20            | 1,620,000          | 81,320    | 1,629,280          |
| Summit      | 50        | 34            | 1,700              | ---           | ---           | ---                | 50        | 1,700              |
| Teller      | ---       | ---           | ---                | 10            | 11            | 110                | 10        | 110                |
| Vashington  | 160       | 27            | 4,320              | 79,060        | 12            | 948,720            | 79,220    | 953,040            |
| Veld        | 16,430    | 30            | 492,900            | 121,610       | 13            | 1,580,930          | 138,040   | 2,073,830          |
| Yuma        | ---       | ---           | ---                | 124,600       | 19            | 2,367,400          | 124,600   | 2,367,400          |
| State       | 68,070    | ---           | 1,978,510          | 1,078,930     | ---           | 14,653,490         | 1,147,000 | 16,632,000         |

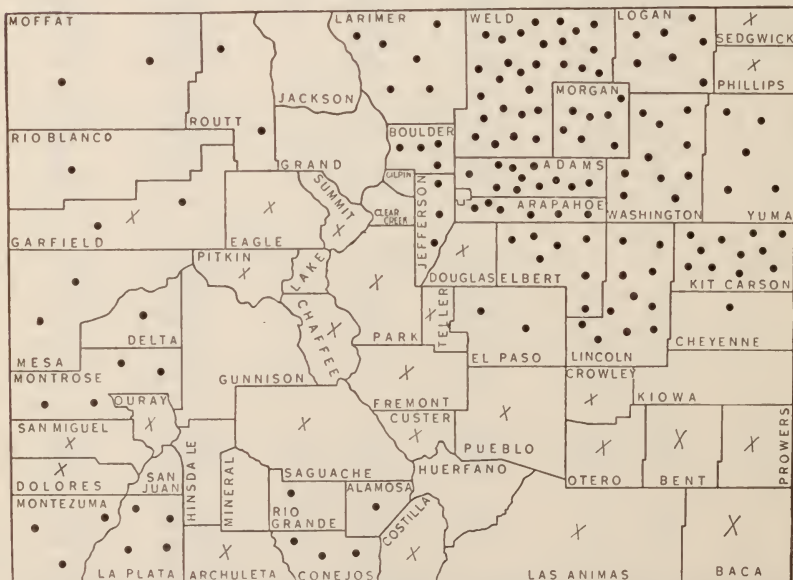


## DISTRIBUTION OF WINTER WHEAT ACREAGE, 1930



Each dot represents 3,000 acres; cross represents less than 3,000 acres.

## DISTRIBUTION OF SPRING WHEAT ACREAGE, 1930



Each dot represents 2,000 acres; cross represents less than 2,000 acres.

ACREAGE AND PRODUCTION OF SPRING WHEAT, 1930

| COUNTY      | IRRIGATED |               |                    | NON-IRRIGATED |               |                    | TOTAL   |                    |
|-------------|-----------|---------------|--------------------|---------------|---------------|--------------------|---------|--------------------|
|             | Acreage   | Average Yield | Production Bushels | Acreage       | Average Yield | Production Bushels | Acreage | Production Bushels |
| Adams       | 7,090     | 31            | 219,790            | 15,010        | 10            | 150,100            | 22,100  | 369,890            |
| Alamosa     | 2,360     | 26            | 61,360             | ---           | ---           | ---                | 2,360   | 61,360             |
| Arapahoe    | 1,610     | 30            | 48,300             | 10,550        | 9             | 94,950             | 12,160  | 143,250            |
| Archuleta   | 440       | 32            | 14,080             | 1,000         | 15            | 15,000             | 1,440   | 29,080             |
| Baca        | ---       | ---           | ---                | 1,960         | 9             | 17,640             | 1,960   | 17,640             |
| Bent        | 120       | 27            | 3,240              | 230           | 10            | 2,300              | 350     | 5,540              |
| Boulder     | 7,040     | 33            | 232,320            | 380           | 16            | 6,080              | 7,420   | 238,400            |
| Chaffee     | 840       | 21            | 17,640             | ---           | ---           | ---                | 840     | 17,640             |
| Cheyenne    | ---       | ---           | ---                | 2,210         | 9             | 19,890             | 2,210   | 19,890             |
| Clear Creek | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Conejos     | 4,960     | 27            | 133,920            | ---           | ---           | ---                | 4,960   | 133,920            |
| Costilla    | 1,580     | 28            | 44,240             | ---           | ---           | ---                | 1,580   | 44,240             |
| Crowley     | 120       | 29            | 3,480              | ---           | ---           | ---                | 120     | 3,480              |
| Custer      | 190       | 27            | 5,130              | 280           | 18            | 5,040              | 470     | 10,170             |
| Delta       | 2,680     | 33            | 88,440             | 10            | 15            | 150                | 2,690   | 88,590             |
| Denver      | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Dolores     | ---       | ---           | ---                | 1,640         | 15            | 24,600             | 1,640   | 24,600             |
| Douglas     | 10        | 30            | 300                | 870           | 9             | 7,830              | 880     | 8,130              |
| Eagle       | 740       | 37            | 27,380             | 30            | 18            | 540                | 770     | 27,920             |
| Elbert      | 10        | 30            | 300                | 13,110        | 8             | 104,880            | 13,120  | 105,180            |
| El Paso     | 320       | 31            | 9,920              | 2,910         | 9             | 26,190             | 3,230   | 36,110             |
| Fremont     | 320       | 30            | 9,600              | 90            | 15            | 1,350              | 410     | 10,950             |
| Garfield    | 3,910     | 34            | 132,940            | 630           | 18            | 11,340             | 4,540   | 144,280            |
| Gilpin      | ---       | ---           | ---                | 10            | 16            | 160                | 10      | 160                |
| Grand       | 10        | 36            | 360                | ---           | ---           | ---                | 10      | 360                |
| Gunnison    | 40        | 38            | 1,520              | 60            | 20            | 1,200              | 100     | 2,720              |
| Hinsdale    | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Huerfano    | 120       | 31            | 3,720              | 320           | 12            | 3,840              | 440     | 7,560              |
| Jackson     | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Jefferson   | 5,180     | 28            | 145,040            | 650           | 14            | 9,100              | 5,830   | 154,140            |
| Kiowa       | 30        | 28            | 840                | 610           | 9             | 5,490              | 640     | 6,330              |
| Kit Carson  | 90        | 30            | 2,700              | 21,750        | 9             | 195,750            | 21,840  | 198,450            |
| Lake        | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| La Plata    | 7,020     | 28            | 196,560            | 1,840         | 15            | 27,600             | 8,860   | 224,160            |
| Larimer     | 8,230     | 33            | 271,590            | 3,550         | 14            | 49,700             | 11,780  | 321,290            |
| Las Animas  | 90        | 31            | 2,790              | 640           | 12            | 7,680              | 730     | 10,470             |
| Lincoln     | ---       | ---           | ---                | 21,600        | 7             | 151,200            | 21,600  | 151,200            |
| Logan       | 630       | 31            | 19,530             | 13,770        | 12            | 165,240            | 14,400  | 184,770            |
| Mesa        | 2,700     | 28            | 75,600             | 320           | 15            | 4,800              | 3,020   | 80,400             |
| Mineral     | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Moffat      | 140       | 33            | 4,620              | 3,880         | 14            | 54,320             | 4,020   | 58,940             |
| Montezuma   | 2,710     | 30            | 81,300             | 3,410         | 15            | 51,150             | 6,120   | 132,450            |
| Montrose    | 7,880     | 33            | 260,040            | 10            | 16            | 160                | 7,890   | 260,200            |
| Morgan      | 370       | 28            | 10,360             | 14,340        | 8             | 114,720            | 14,710  | 125,080            |
| Otero       | 630       | 30            | 18,900             | 80            | 10            | 800                | 710     | 19,700             |
| Ouray       | 690       | 34            | 23,460             | 320           | 18            | 5,760              | 1,010   | 29,220             |
| Park        | ---       | ---           | ---                | 60            | 14            | 840                | 60      | 840                |
| Phillips    | ---       | ---           | ---                | 1,940         | 13            | 25,220             | 1,940   | 25,220             |
| Pitkin      | 460       | 38            | 17,480             | ---           | ---           | ---                | 460     | 17,480             |
| Prowers     | 370       | 27            | 9,990              | 1,240         | 9             | 11,160             | 1,610   | 21,150             |
| Pueblo      | 560       | 28            | 15,680             | 1,000         | 12            | 12,000             | 1,560   | 27,680             |
| Rio Blanco  | 550       | 37            | 20,350             | 2,270         | 20            | 45,400             | 2,820   | 65,750             |
| Rio Grande  | 2,610     | 23            | 60,030             | ---           | ---           | ---                | 2,610   | 60,030             |
| Routt       | 20        | 35            | 700                | 3,840         | 17            | 65,280             | 3,860   | 65,980             |
| Saguache    | 1,240     | 22            | 27,280             | ---           | ---           | ---                | 1,240   | 27,280             |
| San Juan    | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| San Miguel  | 410       | 33            | 13,530             | 10            | 18            | 180                | 420     | 13,710             |
| Sedgwick    | 120       | 32            | 3,840              | 280           | 17            | 4,760              | 400     | 8,600              |
| Summit      | 10        | 35            | 350                | ---           | ---           | ---                | 10      | 350                |
| Teller      | ---       | ---           | ---                | 30            | 17            | 510                | 30      | 510                |
| Washington  | 80        | 31            | 2,480              | 20,060        | 9             | 180,540            | 20,140  | 183,020            |
| Weld        | 18,050    | 32            | 577,600            | 38,360        | 11            | 421,960            | 56,410  | 999,560            |
| Yuma        | ---       | ---           | ---                | 9,460         | 13            | 122,980            | 9,460   | 122,980            |
| State       | 95,380    | ---           | 2,920,620          | 216,620       | ---           | 2,227,380          | 312,000 | 5,148,000          |



## DISTRIBUTION OF WHEAT ACREAGE, 1930

| COUNTY      | Total Acreage | SPRING WHEAT |                          |  | WINTER WHEAT |                          |  | IRRIGATED WHEAT  |                  |                        |                          | NON-IRRIGATED WHEAT |                  |                              |                          |
|-------------|---------------|--------------|--------------------------|--|--------------|--------------------------|--|------------------|------------------|------------------------|--------------------------|---------------------|------------------|------------------------------|--------------------------|
|             |               | Acreage      | % of Total Wheat Acreage |  | Acreage      | % of Total Wheat Acreage |  | Acreage W. Wheat | Acreage S. Wheat | Acreage All Irr. Wheat | % of Total Wheat Acreage | Acreage W. Wheat    | Acreage S. Wheat | Acreage All Non-Irrig. Wheat | % of Total Wheat Acreage |
|             |               |              |                          |  |              |                          |  |                  |                  |                        |                          |                     |                  |                              |                          |
| Adams       | 78,350        | 22,100       | 28.2                     |  | 56,250       | 71.8                     |  | 5,340            | 7,090            | 12,430                 | 15.9                     | 59,910              | 15,010           | 65,920                       | 84.1                     |
| Alamosa     | 2,380         | 2,360        | 99.2                     |  | 20           | .8                       |  | 20               | 2,360            | 2,380                  | 100.0                    |                     |                  | 43,710                       | 85.8                     |
| Arapahoe    | 50,950        | 12,160       | 23.9                     |  | 38,790       | 76.1                     |  | 5,630            | 1,610            | 7,240                  | 14.2                     | 33,160              | 10,550           | 43,710                       | 85.8                     |
| Archuleta   | 1,480         | 1,440        | 97.3                     |  | 40           | 2.7                      |  | 10               | 440              | 450                    | 30.4                     | 30                  | 1,000            | 1,030                        | 69.6                     |
| Baca        | 131,460       | 1,960        | 1.5                      |  | 129,500      | 98.5                     |  |                  |                  |                        |                          | 129,500             | 1,960            | 131,460                      | 100.0                    |
| Bent        | 3,490         | 350          | 10.0                     |  | 3,140        | 89.0                     |  | 2,710            | 120              | 2,830                  | 81.1                     | 430                 | 230              | 660                          | 18.9                     |
| Boulder     | 18,110        | 7,420        | 41.0                     |  | 10,690       | 59.0                     |  | 7,230            | 7,040            | 14,270                 | 78.8                     | 3,460               | 380              | 3,840                        | 21.2                     |
| Chaffee     | 840           | 840          | 100.0                    |  |              |                          |  |                  | 840              | 840                    | 100.0                    |                     |                  |                              |                          |
| Cheyenne    | 7,390         | 2,210        | 29.9                     |  | 5,180        | 70.1                     |  |                  |                  |                        |                          | 5,180               | 2,210            | 7,390                        | 100.0                    |
| Clear Creek |               |              |                          |  |              |                          |  |                  |                  |                        |                          |                     |                  |                              |                          |
| Conejos     | 4,960         | 4,960        | 100.0                    |  |              |                          |  |                  | 4,960            | 4,960                  | 100.0                    |                     |                  |                              |                          |
| Costilla    | 1,900         | 1,580        | 83.2                     |  | 320          | 16.8                     |  | 320              | 1,580            | 1,900                  | 100.0                    |                     |                  |                              |                          |
| Crowley     | 270           | 120          | 44.4                     |  | 150          | 55.6                     |  | 150              | 120              | 270                    | 100.0                    |                     |                  |                              |                          |
| Custer      | 650           | 470          | 72.3                     |  | 180          | 27.7                     |  | 70               | 190              | 260                    | 40.0                     | 110                 | 280              | 390                          | 60.0                     |
| Delta       | 3,110         | 2,690        | 86.5                     |  | 420          | 13.5                     |  | 350              | 2,680            | 3,030                  | 97.4                     | 70                  | 10               | 80                           | 2.6                      |
| Denver      |               |              |                          |  |              |                          |  |                  |                  |                        |                          |                     |                  |                              |                          |
| Dolores     | 3,770         | 1,640        | 43.5                     |  | 2,130        | 56.5                     |  |                  |                  |                        |                          | 2,130               | 1,640            | 3,770                        | 100.0                    |
| Douglas     | 5,660         | 880          | 15.5                     |  | 4,780        | 84.5                     |  |                  | 10               | 10                     | .2                       | 4,780               | 870              | 5,650                        | 99.8                     |
| Eagle       | 900           | 770          | 85.6                     |  | 130          | 14.4                     |  | 80               | 740              | 820                    | 91.1                     | 50                  | 30               | 80                           | 8.9                      |
| Elbert      | 31,040        | 13,120       | 42.3                     |  | 17,920       | 57.7                     |  |                  | 10               | 10                     |                          | 17,920              | 13,110           | 31,030                       | 100.0                    |
| El Paso     | 4,710         | 3,230        | 68.6                     |  | 1,480        | 31.4                     |  | 20               | 320              | 340                    | 7.2                      | 1,460               | 2,910            | 4,370                        | 92.8                     |
| Fremont     | 580           | 410          | 70.7                     |  | 170          | 29.3                     |  | 80               | 320              | 400                    | 69.0                     | 90                  | 90               | 180                          | 31.0                     |
| Garfield    | 4,650         | 4,540        | 97.6                     |  | 110          | 2.4                      |  | 50               | 3,910            | 3,960                  | 85.2                     | 60                  | 630              | 690                          | 14.8                     |
| Gilpin      | 10            | 10           | 100.0                    |  |              |                          |  |                  |                  |                        |                          |                     | 10               | 10                           | 100.0                    |
| Grand       | 100           | 100          | 100.0                    |  | 90           | 90.0                     |  | 80               | 10               | 90                     | 90.0                     | 10                  |                  | 100                          | 10.0                     |
| Gunnison    | 140           | 100          | 71.4                     |  | 40           | 28.6                     |  |                  | 40               |                        | 28.6                     |                     | 60               | 100                          | 71.4                     |
| Hinsdale    |               |              |                          |  |              |                          |  |                  |                  |                        |                          |                     |                  |                              |                          |
| Huerfano    | 2,980         | 440          | 14.8                     |  | 2,540        | 85.2                     |  | 10               | 120              | 130                    | 4.4                      | 2,530               | 320              | 2,850                        | 95.6                     |

|            |           |         |       |           |      |        |        |         |       |           |         |           |       |
|------------|-----------|---------|-------|-----------|------|--------|--------|---------|-------|-----------|---------|-----------|-------|
| Jackson    | 13,390    | 5,830   | 43.5  | 7,550     | 56.5 | 5,060  | 5,180  | 10,240  | 76.5  | 2,500     | 650     | 3,150     | 23.5  |
| Jefferson  | 1,350     | 640     | 47.4  | 710       | 52.6 | ---    | 30     | 30      | 2.2   | 710       | 610     | 1,320     | 97.8  |
| Kiowa      | 79,960    | 21,840  | 27.3  | 58,120    | 72.7 | ---    | 90     | 90      | .1    | 58,120    | 21,750  | 79,870    | 99.9  |
| Kit Carson | ---       | ---     | ---   | ---       | ---  | ---    | ---    | ---     | ---   | ---       | ---     | ---       | ---   |
| Lake       | 9,950     | 8,860   | 89.0  | 1,090     | 11.0 | 880    | 7,020  | 7,900   | 79.4  | 210       | 1,840   | 2,050     | 20.6  |
| La Plata   | 28,400    | 11,780  | 41.5  | 16,620    | 58.5 | 4,440  | 8,280  | 12,670  | 49.4  | 12,180    | 3,550   | 16,730    | 55.4  |
| Larimer    | 3,940     | 1,730   | 18.5  | 3,210     | 81.5 | 720    | 90     | 810     | 20.6  | 2,490     | 640     | 3,130     | 79.4  |
| Las Animas | 44,810    | 21,600  | 48.2  | 23,210    | 51.8 | ---    | ---    | ---     | ---   | 23,210    | 21,600  | 44,810    | 100.0 |
| Lincoln    | 158,600   | 14,400  | 9.1   | 144,200   | 90.9 | 1,150  | 630    | 1,780   | 1.1   | 143,050   | 13,770  | 156,820   | 98.9  |
| Logan      | ---       | ---     | ---   | ---       | ---  | ---    | ---    | ---     | ---   | ---       | ---     | ---       | ---   |
| Mesa       | 5,100     | 3,020   | 59.2  | 2,080     | 40.8 | 1,590  | 2,700  | 4,290   | 84.1  | 490       | 320     | 810       | 15.9  |
| Mineral    | ---       | ---     | ---   | ---       | ---  | ---    | ---    | ---     | ---   | ---       | ---     | ---       | ---   |
| Moffat     | 8,040     | 4,020   | 50.0  | 4,020     | 50.0 | 90     | 140    | 230     | 2.9   | 3,930     | 3,880   | 7,810     | 97.1  |
| Montezuma  | 7,050     | 6,120   | 86.7  | 940       | 13.3 | 280    | 2,710  | 2,990   | 42.4  | 660       | 3,410   | 4,070     | 57.6  |
| Montrose   | 8,370     | 7,890   | 94.3  | 480       | 5.7  | 400    | 7,880  | 8,280   | 98.9  | 80        | 10      | 8,380     | 1.1   |
| Morgan     | 46,170    | 14,710  | 31.9  | 31,460    | 68.1 | 7,650  | 370    | 8,020   | 17.4  | 23,810    | 14,340  | 38,150    | 82.6  |
| Otero      | 2,300     | 710     | 30.9  | 1,590     | 69.1 | 1,420  | 630    | 2,050   | 89.1  | 170       | 80      | 250       | 10.9  |
| Ouray      | 1,050     | 1,010   | 95.3  | 50        | 4.7  | ---    | 690    | 690     | 65.1  | 50        | 320     | 370       | 34.9  |
| Park       | 60        | 60      | 100.0 | ---       | ---  | ---    | ---    | ---     | ---   | ---       | ---     | ---       | ---   |
| Phillips   | 124,280   | 1,940   | 1.6   | 122,340   | 98.4 | ---    | ---    | ---     | ---   | 122,340   | 1,940   | 124,280   | 100.0 |
| Pitkin     | 460       | 460     | 100.0 | ---       | ---  | ---    | 460    | 460     | 100.0 | ---       | ---     | ---       | ---   |
| Prowers    | 19,810    | 1,610   | 8.1   | 18,200    | 91.9 | 4,550  | 370    | 4,820   | 24.8  | 13,650    | 1,240   | 14,890    | 75.2  |
| Pueblo     | 11,300    | 1,850   | 13.8  | 9,740     | 86.2 | 660    | 560    | 1,220   | 10.8  | 9,080     | 1,000   | 10,080    | 89.2  |
| Rio Blanco | 4,270     | 2,820   | 66.0  | 1,450     | 34.0 | 30     | 550    | 580     | 13.6  | 1,420     | 2,270   | 3,690     | 86.4  |
| Rio Grande | 2,610     | 2,610   | 100.0 | ---       | ---  | ---    | 2,610  | 2,610   | 100.0 | ---       | ---     | ---       | ---   |
| Routt      | 5,830     | 3,850   | 66.2  | 1,970     | 33.8 | 30     | 20     | 50      | .7    | 1,940     | 3,840   | 5,780     | 99.3  |
| Saguache   | 1,240     | 1,240   | 100.0 | ---       | ---  | ---    | 1,240  | 1,240   | 100.0 | ---       | ---     | ---       | ---   |
| San Juan   | ---       | ---     | ---   | ---       | ---  | ---    | ---    | ---     | ---   | ---       | ---     | ---       | ---   |
| San Miguel | 1,070     | 420     | 39.3  | 650       | 60.7 | 10     | 410    | 420     | 39.3  | 640       | 10      | 550       | 60.7  |
| Sedgwick   | 81,720    | 99,500  | 121.6 | 81,320    | 99.5 | 320    | 120    | 440     | 5     | 81,000    | 280     | 81,280    | 99.5  |
| Summit     | 60        | 10      | 16.7  | 50        | 83.3 | 50     | 10     | 60      | 100.0 | ---       | ---     | ---       | ---   |
| Teller     | 40        | 30      | 75.0  | 10        | 25.0 | ---    | ---    | ---     | ---   | 10        | 30      | 40        | 100.0 |
| Washington | 99,360    | 20,140  | 20.3  | 79,220    | 79.7 | 160    | 80     | 240     | .2    | 79,060    | 20,060  | 99,120    | 99.8  |
| Weld       | 194,450   | 56,410  | 29.0  | 138,040   | 71.0 | 16,430 | 18,050 | 34,480  | 17.7  | 121,610   | 38,360  | 159,970   | 82.3  |
| Yuma       | 134,060   | 9,460   | 7.1   | 124,600   | 92.9 | ---    | ---    | ---     | ---   | 124,600   | 9,460   | 134,060   | 100.0 |
| State      | 1,459,000 | 312,000 | 21.4  | 1,147,000 | 78.6 | 68,070 | 95,380 | 163,450 | 11.2  | 1,078,930 | 216,620 | 1,295,550 | 88.8  |



## DISTRIBUTION OF WHEAT PRODUCTION, 1930

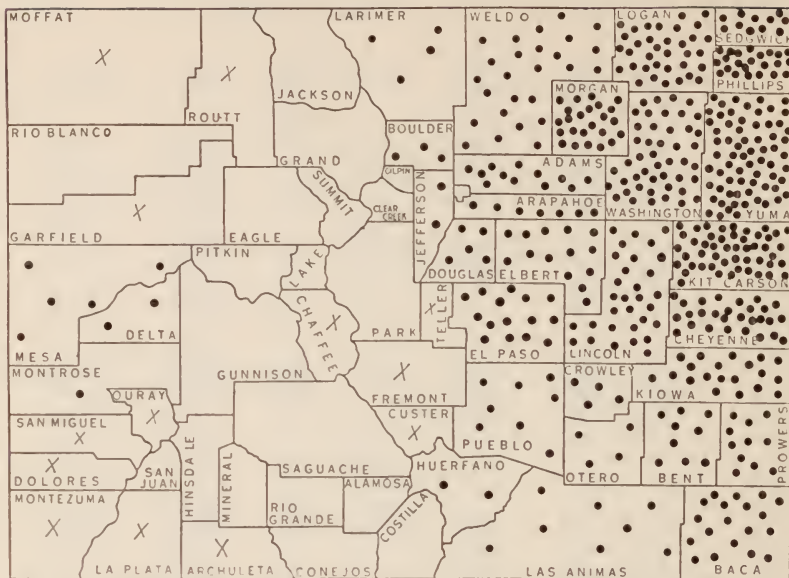
| COUNTY           | Total<br>Production<br>Bushels | SPRING WHEAT |                                 | WINTER WHEAT |                                 | IRRIGATED |                                 | NON-IRRIGATED |                                 |
|------------------|--------------------------------|--------------|---------------------------------|--------------|---------------------------------|-----------|---------------------------------|---------------|---------------------------------|
|                  |                                | Bushels      | % of All<br>Wheat<br>Production | Bushels      | % of All<br>Wheat<br>Production | Bushels   | % of All<br>Wheat<br>Production | Bushels       | % of All<br>Wheat<br>Production |
| Adams-----       | 1,012,490                      | 369,890      | 36.53                           | 642,600      | 63.47                           | 353,290   | 34.89                           | 659,200       | 65.11                           |
| Alamosa-----     | 61,880                         | 61,360       | 99.16                           | 520          | .84                             | 61,880    | 100.00                          | ---           | ---                             |
| Arapahoe-----    | 576,810                        | 143,250      | 24.83                           | 433,560      | 75.17                           | 183,420   | 31.80                           | 393,390       | 68.20                           |
| Archuleta-----   | 29,700                         | 29,080       | 97.91                           | 620          | 2.09                            | 14,310    | 48.18                           | 15,390        | 51.82                           |
| Baca-----        | 1,053,640                      | 17,640       | 1.67                            | 1,036,000    | 98.33                           | ---       | ---                             | 1,053,640     | 100.00                          |
| Bent-----        | 93,420                         | 5,540        | 5.93                            | 87,880       | 94.07                           | 87,250    | 93.40                           | 6,170         | 6.60                            |
| Boulder-----     | 532,350                        | 238,400      | 44.78                           | 293,950      | 55.22                           | 470,910   | 88.46                           | 61,440        | 11.54                           |
| Chaffee-----     | 17,640                         | 17,640       | 100.00                          | ---          | ---                             | 17,640    | 100.00                          | ---           | ---                             |
| Cheyenne-----    | 66,510                         | 19,890       | 29.91                           | 46,620       | 70.09                           | ---       | ---                             | 66,510        | 100.00                          |
| Clear Creek----- | ---                            | ---          | ---                             | ---          | ---                             | ---       | ---                             | ---           | ---                             |
| Conejos-----     | 133,920                        | 133,920      | 100.00                          | ---          | ---                             | 133,920   | 100.00                          | ---           | ---                             |
| Costilla-----    | 54,480                         | 44,240       | 81.20                           | 10,240       | 18.80                           | 54,480    | 100.00                          | ---           | ---                             |
| Crowley-----     | 7,830                          | 3,480        | 44.44                           | 4,350        | 55.56                           | 7,830     | 100.00                          | ---           | ---                             |
| Custer-----      | 13,090                         | 10,170       | 77.69                           | 2,920        | 22.31                           | 6,950     | 53.09                           | 6,140         | 46.91                           |
| Delta-----       | 101,050                        | 88,590       | 87.67                           | 12,460       | 12.33                           | 99,990    | 98.95                           | 1,060         | 1.05                            |
| Denver-----      | ---                            | ---          | ---                             | ---          | ---                             | ---       | ---                             | ---           | ---                             |
| Dolores-----     | 43,770                         | 24,600       | 56.20                           | 19,170       | 43.80                           | ---       | ---                             | 43,770        | 100.00                          |
| Douglas-----     | 60,710                         | 8,130        | 13.39                           | 52,580       | 86.61                           | 300       | .49                             | 60,410        | 99.51                           |
| Eagle-----       | 31,800                         | 27,920       | 87.80                           | 3,880        | 12.20                           | 30,260    | 95.16                           | 1,540         | 4.84                            |
| Elbert-----      | 248,540                        | 105,180      | 42.32                           | 143,360      | 57.68                           | 300       | .12                             | 248,240       | 99.88                           |
| El Paso-----     | 52,730                         | 36,110       | 68.48                           | 16,620       | 31.52                           | 10,480    | 19.87                           | 42,250        | 80.13                           |
| Fremont-----     | 13,860                         | 10,950       | 79.00                           | 2,910        | 21.00                           | 11,520    | 83.12                           | 2,340         | 16.88                           |
| Garfield-----    | 147,160                        | 144,280      | 98.04                           | 2,880        | 1.96                            | 134,740   | 91.56                           | 12,420        | 8.44                            |
| Gilpin-----      | 160                            | 160          | 100.00                          | ---          | ---                             | ---       | ---                             | 160           | 100.00                          |
| Grand-----       | 2,710                          | 360          | 13.28                           | 2,350        | 86.72                           | 2,520     | 92.99                           | 190           | 7.01                            |
| Gunnison-----    | 3,280                          | 2,720        | 82.93                           | 560          | 17.07                           | 1,520     | 46.34                           | 1,760         | 53.66                           |
| Hinsdale-----    | ---                            | ---          | ---                             | ---          | ---                             | ---       | ---                             | ---           | ---                             |
| Huerfano-----    | 38,210                         | 7,560        | 19.79                           | 30,650       | 80.21                           | 4,010     | 10.49                           | 34,200        | 89.51                           |
| Jackson-----     | ---                            | ---          | ---                             | ---          | ---                             | ---       | ---                             | ---           | ---                             |
| Jefferson-----   | 343,440                        | 154,140      | 44.88                           | 189,300      | 55.12                           | 296,840   | 86.43                           | 46,600        | 13.57                           |
| Kiowa-----       | 14,850                         | 6,330        | 42.63                           | 8,520        | 57.37                           | 840       | 5.66                            | 14,010        | 94.34                           |
| Kit Carson-----  | 837,770                        | 198,450      | 23.69                           | 639,320      | 76.31                           | 2,700     | .32                             | 835,070       | 99.68                           |
| Lake-----        | ---                            | ---          | ---                             | ---          | ---                             | ---       | ---                             | ---           | ---                             |
| La Plata-----    | 246,250                        | 224,160      | 91.03                           | 22,090       | 8.97                            | 215,920   | 87.68                           | 30,330        | 12.32                           |
| Larimer-----     | 662,690                        | 321,290      | 48.48                           | 341,400      | 51.52                           | 418,110   | 63.09                           | 244,580       | 36.91                           |
| Las Animas-----  | 53,370                         | 10,470       | 19.62                           | 42,900       | 80.38                           | 20,790    | 38.95                           | 32,580        | 61.05                           |
| Lincoln-----     | 290,460                        | 151,200      | 52.06                           | 139,260      | 47.94                           | ---       | ---                             | 290,460       | 100.00                          |
| Logan-----       | 2,220,820                      | 184,770      | 8.32                            | 2,036,050    | 91.68                           | 52,880    | 2.38                            | 2,167,940     | 97.62                           |
| Mesa-----        | 136,060                        | 80,400       | 59.09                           | 55,660       | 40.91                           | 124,890   | 91.79                           | 11,170        | 8.21                            |
| Mineral-----     | ---                            | ---          | ---                             | ---          | ---                             | ---       | ---                             | ---           | ---                             |
| Moffat-----      | 123,360                        | 58,940       | 45.92                           | 69,420       | 54.08                           | 7,230     | 5.63                            | 121,130       | 94.37                           |
| Montezuma-----   | 149,910                        | 132,450      | 88.35                           | 17,460       | 11.65                           | 88,860    | 59.28                           | 61,050        | 40.72                           |
| Montrose-----    | 274,520                        | 260,200      | 94.78                           | 14,320       | 5.22                            | 273,240   | 99.53                           | 1,280         | .47                             |
| Morgan-----      | 585,890                        | 125,080      | 21.35                           | 460,810      | 78.65                           | 209,260   | 35.72                           | 376,630       | 64.28                           |
| Otero-----       | 66,840                         | 19,700       | 29.47                           | 47,140       | 70.53                           | 64,340    | 96.26                           | 2,500         | 3.74                            |
| Ouray-----       | 29,870                         | 29,220       | 97.82                           | 650          | 2.18                            | 23,460    | 78.54                           | 6,410         | 21.46                           |
| Park-----        | 840                            | 840          | 100.00                          | ---          | ---                             | ---       | ---                             | 840           | 100.00                          |
| Phillips-----    | 2,227,340                      | 25,220       | 1.13                            | 2,202,120    | 98.87                           | ---       | ---                             | 2,227,340     | 100.00                          |
| Pitkin-----      | 17,480                         | 17,480       | 100.00                          | ---          | ---                             | 17,480    | 100.00                          | ---           | ---                             |
| Prowers-----     | 289,600                        | 21,150       | 7.30                            | 268,450      | 92.70                           | 141,940   | 49.01                           | 147,660       | 50.99                           |
| Pueblo-----      | 157,100                        | 27,680       | 17.62                           | 129,420      | 82.38                           | 36,140    | 23.00                           | 120,960       | 77.00                           |
| Rio Blanco-----  | 92,300                         | 65,750       | 71.24                           | 26,550       | 28.76                           | 21,340    | 23.12                           | 70,960        | 76.88                           |
| Rio Grande-----  | 60,030                         | 60,030       | 100.00                          | ---          | ---                             | 60,030    | 100.00                          | ---           | ---                             |
| Routt-----       | 107,740                        | 65,980       | 61.24                           | 41,760       | 38.76                           | 1,720     | 1.60                            | 106,020       | 98.40                           |
| Saguache-----    | 27,280                         | 27,280       | 100.00                          | ---          | ---                             | 27,280    | 100.00                          | ---           | ---                             |
| San Juan-----    | ---                            | ---          | ---                             | ---          | ---                             | ---       | ---                             | ---           | ---                             |
| San Miguel-----  | 21,070                         | 13,710       | 65.07                           | 7,360        | 34.93                           | 13,550    | 65.73                           | 7,220         | 34.26                           |
| Sedgwick-----    | 1,637,880                      | 8,600        | .53                             | 1,629,280    | 99.47                           | 13,120    | .80                             | 1,624,760     | 99.20                           |
| Summit-----      | 2,050                          | 350          | 17.07                           | 1,700        | 82.93                           | 2,050     | 100.00                          | ---           | ---                             |
| Teller-----      | 620                            | 510          | 82.26                           | 110          | 17.74                           | ---       | ---                             | 620           | 100.00                          |
| Washington-----  | 1,136,060                      | 183,020      | 16.11                           | 953,040      | 83.89                           | 6,800     | .60                             | 1,129,260     | 99.40                           |
| Weld-----        | 3,073,390                      | 999,560      | 32.52                           | 2,073,830    | 67.48                           | 1,070,500 | 34.83                           | 2,002,890     | 65.17                           |
| Yuma-----        | 2,490,380                      | 122,980      | 4.94                            | 2,367,400    | 95.06                           | ---       | ---                             | 2,490,380     | 100.00                          |
| State-----       | 21,780,000                     | 5,148,000    | 23.64                           | 16,632,000   | 76.36                           | 4,899,130 | 22.49                           | 16,880,870    | 77.51                           |

ACREAGE AND PRODUCTION OF CORN, 1930

| COUNTY           | IRRIGATED |               |                    | NON-IRRIGATED |               |                    | TOTAL     |                    |
|------------------|-----------|---------------|--------------------|---------------|---------------|--------------------|-----------|--------------------|
|                  | Acreage   | Average Yield | Production Bushels | Acreage       | Average Yield | Production Bushels | Acreage   | Production Bushels |
| Adams-----       | 2,560     | 40            | 102,400            | 32,920        | 21            | 691,320            | 35,480    | 793,720            |
| Alamosa-----     | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Arapahoe-----    | 600       | 40            | 24,000             | 21,670        | 21            | 455,070            | 22,270    | 479,070            |
| Archuleta-----   | 360       | 34            | 12,240             | 60            | 20            | 1,200              | 420       | 13,440             |
| Baca-----        | ---       | ---           | ---                | 56,480        | 16            | 903,680            | 56,480    | 903,680            |
| Bent-----        | 12,150    | 46            | 558,900            | 14,030        | 19            | 266,570            | 26,180    | 825,470            |
| Boulder-----     | 7,620     | 45            | 342,900            | 2,800         | 22            | 61,600             | 10,420    | 404,500            |
| Chaffee-----     | 10        | 45            | 450                | ---           | ---           | ---                | 10        | 450                |
| Cheyenne-----    | ---       | ---           | ---                | 84,620        | 21            | 1,777,020          | 84,620    | 1,777,020          |
| Clear Creek----- | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Conejos-----     | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Costilla-----    | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Crowley-----     | 6,840     | 48            | 328,320            | 6,170         | 19            | 117,230            | 13,010    | 445,550            |
| Custer-----      | 100       | 48            | 4,800              | 740           | 24            | 17,760             | 840       | 22,560             |
| Delta-----       | 4,500     | 48            | 216,000            | 140           | 19            | 2,660              | 4,640     | 218,660            |
| Denver-----      | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Dolores-----     | ---       | ---           | ---                | 1,670         | 17            | 28,390             | 1,670     | 28,390             |
| Douglas-----     | ---       | ---           | ---                | 14,390        | 26            | 374,140            | 14,390    | 374,140            |
| Eagle-----       | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Elbert-----      | ---       | ---           | ---                | 40,540        | 21            | 851,340            | 40,540    | 851,340            |
| El Paso-----     | 870       | 39            | 33,930             | 44,760        | 23            | 1,029,480          | 45,630    | 1,063,410          |
| Fremont-----     | 2,170     | 51            | 110,670            | 640           | 22            | 14,080             | 2,810     | 124,750            |
| Garfield-----    | 750       | 46            | 34,500             | 90            | 21            | 1,890              | 840       | 36,390             |
| Gilpin-----      | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Grand-----       | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Gunnison-----    | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Hinsdale-----    | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Huerfano-----    | 380       | 30            | 11,400             | 5,760         | 20            | 115,200            | 6,140     | 126,600            |
| Jackson-----     | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Jefferson-----   | 4,040     | 36            | 145,440            | 3,170         | 20            | 63,400             | 7,210     | 208,840            |
| Kiowa-----       | ---       | ---           | ---                | 60,210        | 18            | 1,083,780          | 60,210    | 1,083,780          |
| Kit Carson-----  | ---       | ---           | ---                | 148,130       | 22            | 3,258,860          | 148,130   | 3,258,860          |
| Lake-----        | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| La Plata-----    | 830       | 28            | 23,240             | 1,410         | 17            | 23,970             | 2,240     | 47,210             |
| Larimer-----     | 7,740     | 45            | 348,300            | 5,500         | 23            | 126,500            | 13,240    | 474,800            |
| Las Animas-----  | 1,020     | 51            | 52,020             | 22,200        | 13            | 288,600            | 23,220    | 340,620            |
| Lincoln-----     | ---       | ---           | ---                | 93,640        | 20            | 1,872,800          | 93,640    | 1,872,800          |
| Logan-----       | 5,900     | 44            | 259,600            | 99,410        | 27            | 2,684,070          | 105,310   | 2,943,670          |
| Mesa-----        | 14,020    | 44            | 616,880            | 1,080         | 20            | 21,600             | 15,100    | 638,480            |
| Mineral-----     | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Moffat-----      | ---       | ---           | ---                | 1,080         | 25            | 27,000             | 1,080     | 27,000             |
| Montezuma-----   | 600       | 32            | 19,200             | 2,320         | 21            | 48,720             | 2,920     | 67,920             |
| Montrose-----    | 4,210     | 48            | 202,080            | 60            | 19            | 1,140              | 4,270     | 203,220            |
| Morgan-----      | 6,280     | 46            | 288,880            | 66,710        | 22            | 1,467,620          | 72,990    | 1,756,500          |
| Otero-----       | 11,370    | 52            | 591,240            | 1,900         | 19            | 36,100             | 13,270    | 627,340            |
| Ouray-----       | 200       | 46            | 9,200              | ---           | ---           | ---                | 200       | 9,200              |
| Park-----        | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Phillips-----    | ---       | ---           | ---                | 69,420        | 26            | 1,804,920          | 69,420    | 1,804,920          |
| Pitkin-----      | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Prowers-----     | 14,180    | 44            | 623,920            | 20,240        | 15            | 303,600            | 34,420    | 927,520            |
| Pueblo-----      | 8,630     | 53            | 457,390            | 15,480        | 18            | 278,640            | 24,110    | 736,030            |
| Rio Blanco-----  | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Rio Grande-----  | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Routt-----       | 70        | 43            | 3,010              | ---           | ---           | ---                | 70        | 3,010              |
| Saguache-----    | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| San Juan-----    | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| San Miguel-----  | 60        | 44            | 2,640              | 260           | 19            | 4,940              | 320       | 7,580              |
| Sedgwick-----    | 2,820     | 44            | 124,080            | 30,460        | 25            | 761,500            | 33,280    | 885,580            |
| Summit-----      | ---       | ---           | ---                | ---           | ---           | ---                | ---       | ---                |
| Teller-----      | ---       | ---           | ---                | 50            | 23            | 1,150              | 50        | 1,150              |
| Washington-----  | 970       | 39            | 37,830             | 137,830       | 26            | 3,583,580          | 138,800   | 3,621,410          |
| Weld-----        | 16,460    | 42            | 691,320            | 65,430        | 20            | 1,308,600          | 81,890    | 1,999,920          |
| Yuma-----        | ---       | ---           | ---                | 204,220       | 25            | 5,105,500          | 204,220   | 5,105,500          |
| State-----       | 138,310   | ---           | 6,276,780          | 1,377,690     | ---           | 30,865,220         | 1,516,000 | 37,142,000         |

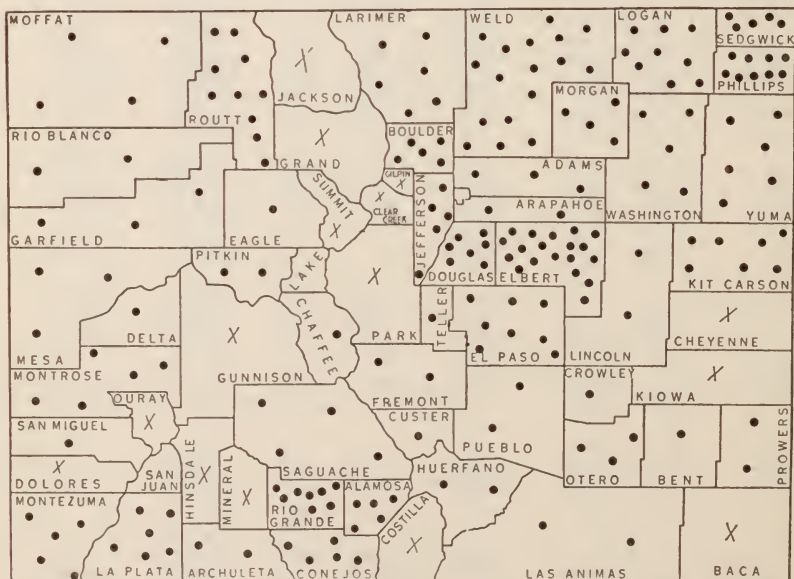


## DISTRIBUTION OF CORN, 1930



Each dot represents 3,000 acres; cross represents acreages of less than 3,000.

## DISTRIBUTION OF OATS ACREAGE, 1930



Each dot represents 1,000 acres; cross represents acreages of less than 1,000. Chart represents acreages of oats threshed for grain only.

ACREAGE AND PRODUCTION OF OATS, 1930

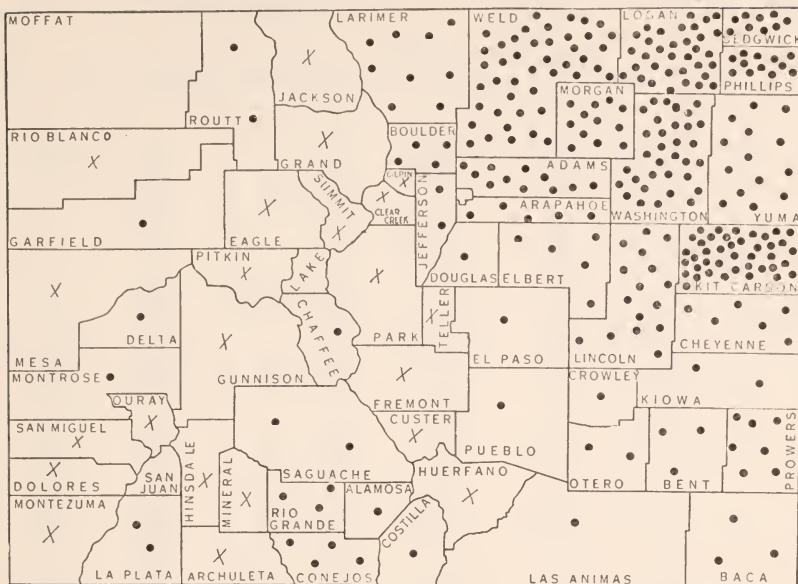
| COUNTY      | IRRIGATED |               |                    | NON-IRRIGATED |               |                    | TOTALS  |                    |
|-------------|-----------|---------------|--------------------|---------------|---------------|--------------------|---------|--------------------|
|             | Acres     | Average Yield | Production Bushels | Acres         | Average Yield | Production Bushels | Acres   | Production Bushels |
| Adams       | 1,600     | 46            | 73,600             | 970           | 21            | 20,370             | 2,570   | 93,970             |
| Alamosa     | 4,930     | 37            | 182,410            | ---           | ---           | ---                | 4,930   | 182,410            |
| Arapahoe    | 490       | 40            | 19,600             | 1,070         | 22            | 23,540             | 1,560   | 43,140             |
| Archuleta   | 210       | 46            | 9,660              | 1,460         | 24            | 35,040             | 1,670   | 44,700             |
| Baca        | ---       | ---           | ---                | 180           | 12            | 2,160              | 180     | 2,160              |
| Bent        | 1,170     | 50            | 58,500             | ---           | ---           | ---                | 1,170   | 58,500             |
| Boulder     | 4,080     | 49            | 199,920            | 570           | 21            | 11,970             | 4,650   | 211,890            |
| Chaffee     | 1,390     | 50            | 69,500             | ---           | ---           | ---                | 1,390   | 69,500             |
| Cheyenne    | ---       | ---           | ---                | 780           | 19            | 14,820             | 780     | 14,820             |
| Clear Creek | 10        | 48            | 480                | 180           | 24            | 4,320              | 190     | 4,800              |
| Conejos     | 5,390     | 41            | 220,990            | 60            | 21            | 1,260              | 5,450   | 222,250            |
| Costilla    | 640       | 38            | 24,320             | ---           | ---           | ---                | 640     | 24,320             |
| Crowley     | 1,080     | 53            | 57,240             | 10            | 20            | 200                | 1,090   | 57,440             |
| Custer      | 1,100     | 44            | 48,400             | 1,530         | 30            | 45,900             | 2,630   | 94,300             |
| Delta       | 1,070     | 50            | 53,500             | 20            | 24            | 480                | 1,090   | 53,980             |
| Denver      | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Dolores     | ---       | ---           | ---                | 920           | 25            | 23,000             | 920     | 23,000             |
| Douglas     | 20        | 40            | 800                | 7,140         | 25            | 178,500            | 7,160   | 179,300            |
| Eagle       | 1,460     | 60            | 87,600             | 20            | 29            | 580                | 1,480   | 88,180             |
| Elbert      | ---       | ---           | ---                | 10,320        | 18            | 185,760            | 10,320  | 185,760            |
| El Paso     | 240       | 42            | 10,080             | 16,620        | 17            | 282,540            | 16,860  | 292,620            |
| Fremont     | 590       | 44            | 25,960             | 990           | 25            | 24,750             | 1,580   | 50,710             |
| Garfield    | 2,370     | 53            | 125,610            | 140           | 25            | 3,500              | 2,510   | 129,110            |
| Gilpin      | ---       | ---           | ---                | 520           | 20            | 10,400             | 520     | 10,400             |
| Grand       | 980       | 42            | 41,160             | ---           | ---           | ---                | 980     | 41,160             |
| Gunnison    | 150       | 42            | 6,300              | 500           | 25            | 12,500             | 650     | 18,800             |
| Hinsdale    | 30        | 43            | 1,290              | 320           | 27            | 8,640              | 350     | 9,930              |
| Huerfano    | 490       | 52            | 25,480             | 1,440         | 29            | 41,760             | 1,930   | 67,240             |
| Jackson     | 140       | 52            | 7,280              | 20            | 27            | 540                | 160     | 7,820              |
| Jefferson   | 2,670     | 46            | 122,820            | 2,610         | 21            | 54,810             | 5,280   | 177,630            |
| Kiowa       | ---       | ---           | ---                | 160           | 19            | 3,040              | 160     | 3,040              |
| Kit Carson  | 20        | 30            | 600                | 6,890         | 21            | 144,690            | 6,910   | 145,290            |
| Lake        | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| La Plata    | 4,310     | 45            | 193,950            | 1,670         | 28            | 46,760             | 5,980   | 240,710            |
| Larimer     | 4,870     | 55            | 267,850            | 1,140         | 22            | 25,080             | 6,010   | 292,930            |
| Las Animas  | 670       | 40            | 26,800             | 1,050         | 15            | 15,750             | 1,720   | 42,550             |
| Lincoln     | ---       | ---           | ---                | 1,540         | 16            | 24,640             | 1,540   | 24,640             |
| Logan       | 3,660     | 54            | 197,640            | 5,410         | 23            | 124,430            | 9,070   | 322,070            |
| Mesa        | 3,040     | 46            | 139,840            | 330           | 22            | 7,260              | 3,370   | 147,100            |
| Mineral     | 150       | 40            | 6,000              | ---           | ---           | ---                | 150     | 6,000              |
| Moffat      | 610       | 41            | 25,010             | 3,400         | 32            | 108,800            | 4,010   | 133,810            |
| Montezuma   | 3,790     | 46            | 174,340            | 1,300         | 22            | 28,600             | 5,090   | 202,940            |
| Montrose    | 5,130     | 48            | 246,240            | 20            | 26            | 520                | 5,150   | 246,760            |
| Morgan      | 2,470     | 51            | 125,970            | 1,690         | 18            | 30,420             | 4,160   | 156,390            |
| Otero       | 2,600     | 55            | 143,000            | ---           | ---           | ---                | 2,600   | 143,000            |
| Ouray       | 710       | 50            | 35,500             | 120           | 29            | 3,480              | 830     | 38,980             |
| Park        | ---       | ---           | ---                | 480           | 23            | 11,040             | 480     | 11,040             |
| Phillips    | ---       | ---           | ---                | 9,370         | 28            | 262,360            | 9,370   | 262,360            |
| Pitkin      | 1,570     | 55            | 86,350             | ---           | ---           | ---                | 1,570   | 86,350             |
| Prowers     | 1,440     | 47            | 67,680             | 230           | 17            | 3,910              | 1,670   | 71,590             |
| Pueblo      | 1,000     | 49            | 49,000             | 1,170         | 20            | 23,400             | 2,170   | 72,400             |
| Rio Blanco  | 1,660     | 58            | 96,280             | 750           | 30            | 22,500             | 2,410   | 118,780            |
| Rio Grande  | 7,700     | 32            | 246,400            | ---           | ---           | ---                | 7,700   | 246,400            |
| Routt       | 360       | 54            | 19,440             | 9,380         | 35            | 328,300            | 9,740   | 347,740            |
| Saguache    | 4,310     | 32            | 137,920            | ---           | ---           | ---                | 4,310   | 137,920            |
| San Juan    | ---       | ---           | ---                | 720           | 30            | 21,600             | 1,260   | 51,300             |
| San Miguel  | 540       | 55            | 29,700             | 3,300         | 30            | 99,000             | 4,620   | 174,240            |
| Sedgwick    | 1,320     | 57            | 75,240             | ---           | ---           | ---                | 1,320   | 75,240             |
| Summit      | 170       | 55            | 9,350              | ---           | ---           | ---                | 170     | 9,350              |
| Teller      | ---       | ---           | ---                | 1,250         | 26            | 32,500             | 1,250   | 32,500             |
| Washington  | 170       | 47            | 7,990              | 5,000         | 19            | 95,000             | 5,170   | 102,990            |
| Weld        | 11,140    | 46            | 512,440            | 5,980         | 20            | 119,600            | 17,120  | 632,040            |
| Yuma        | 10        | 45            | 450                | 5,540         | 25            | 138,500            | 5,550   | 138,950            |
| State       | 95,720    | ---           | 4,393,480          | 116,280       | ---           | 2,708,520          | 212,000 | 7,102,000          |



## ACREAGE AND PRODUCTION OF BARLEY, 1930

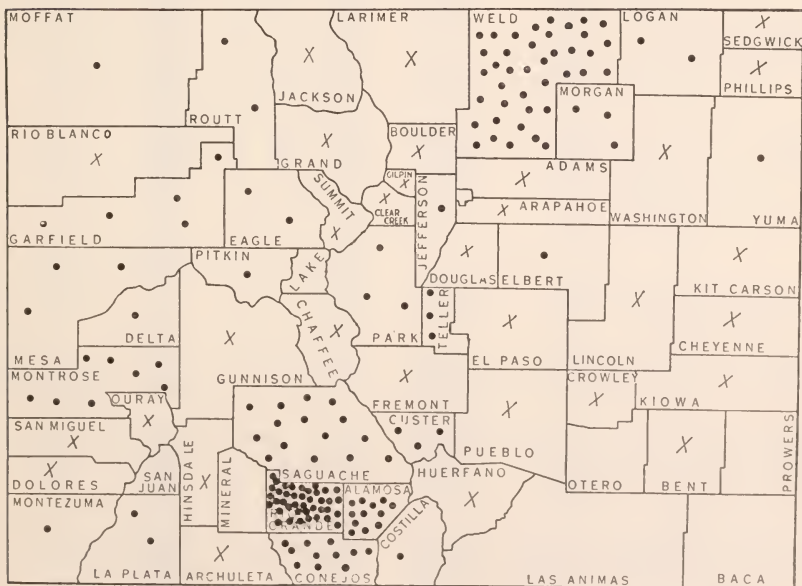
| COUNTY           | IRRIGATED |               |                    | NON-IRRIGATED |               |                    | TOTALS  |                    |
|------------------|-----------|---------------|--------------------|---------------|---------------|--------------------|---------|--------------------|
|                  | Acreage   | Average Yield | Production Bushels | Acreage       | Average Yield | Production Bushels | Acreage | Production Bushels |
| Adams-----       | 3,500     | 34            | 119,000            | 18,800        | 13            | 244,400            | 22,300  | 363,400            |
| Alamosa-----     | 2,700     | 34            | 91,800             | ---           | ---           | ---                | 2,700   | 91,800             |
| Arapahoe-----    | 780       | 37            | 28,860             | 8,230         | 13            | 106,990            | 9,010   | 135,850            |
| Archuleta-----   | 100       | 44            | 4,400              | 410           | 25            | 10,250             | 510     | 14,650             |
| Baca-----        | ---       | ---           | ---                | 5,010         | 12            | 60,120             | 5,010   | 60,120             |
| Bent-----        | 4,970     | 45            | 223,650            | 110           | 14            | 1,540              | 5,080   | 225,190            |
| Boulder-----     | 7,970     | 49            | 390,530            | 270           | 20            | 5,400              | 8,240   | 395,930            |
| Chaffee-----     | 2,010     | 38            | 76,380             | ---           | ---           | ---                | 2,010   | 76,380             |
| Cheyenne-----    | ---       | ---           | ---                | 11,560        | 16            | 184,960            | 11,560  | 184,960            |
| Clear Creek----- | ---       | ---           | ---                | 10            | 21            | 210                | 10      | 210                |
| Conejos-----     | 8,420     | 40            | 336,800            | ---           | ---           | ---                | 8,420   | 336,800            |
| Costilla-----    | 2,520     | 33            | 83,160             | ---           | ---           | ---                | 2,520   | 83,160             |
| Crowley-----     | 2,730     | 49            | 133,770            | ---           | ---           | ---                | 2,730   | 133,770            |
| Custer-----      | 700       | 36            | 25,200             | 1,140         | 18            | 20,520             | 1,840   | 45,720             |
| Delta-----       | 2,220     | 44            | 97,680             | 20            | 20            | 400                | 2,240   | 98,080             |
| Denver-----      | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Dolores-----     | ---       | ---           | ---                | 390           | 19            | 7,410              | 390     | 7,410              |
| Douglas-----     | ---       | ---           | ---                | 2,900         | 22            | 63,800             | 2,900   | 63,800             |
| Eagle-----       | 300       | 44            | 13,200             | 10            | 26            | 260                | 310     | 13,460             |
| Elbert-----      | ---       | ---           | ---                | 9,860         | 12            | 118,320            | 9,860   | 118,320            |
| El Paso-----     | 480       | 44            | 21,120             | 2,200         | 17            | 37,400             | 2,680   | 58,520             |
| Fremont-----     | 530       | 40            | 21,200             | 260           | 14            | 3,640              | 790     | 24,840             |
| Garfield-----    | 2,300     | 44            | 101,200            | 180           | 23            | 4,140              | 2,480   | 105,340            |
| Gilpin-----      | ---       | ---           | ---                | 10            | 23            | 230                | 10      | 230                |
| Grand-----       | 680       | 48            | 32,640             | ---           | ---           | ---                | 680     | 32,640             |
| Gunnison-----    | 170       | 40            | 6,800              | 210           | 23            | 4,830              | 380     | 11,630             |
| Hinsdale-----    | 30        | 39            | 1,170              | 20            | 21            | 420                | 50      | 1,590              |
| Huerfano-----    | 500       | 42            | 21,000             | 510           | 19            | 9,690              | 1,010   | 30,690             |
| Jackson-----     | 40        | 37            | 1,480              | ---           | ---           | ---                | 40      | 1,480              |
| Jefferson-----   | 3,160     | 39            | 123,240            | 860           | 20            | 17,200             | 4,020   | 140,440            |
| Kiowa-----       | 30        | 39            | 1,170              | 4,020         | 17            | 68,340             | 4,050   | 69,510             |
| Kit Carson-----  | ---       | ---           | ---                | 81,610        | 17            | 1,387,370          | 81,610  | 1,387,370          |
| Lake-----        | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| La Plata-----    | 2,000     | 39            | 78,000             | 760           | 23            | 17,480             | 2,760   | 95,480             |
| Larimer-----     | 13,750    | 53            | 728,750            | 3,330         | 24            | 79,920             | 17,080  | 808,670            |
| Las Animas-----  | 330       | 39            | 12,870             | 2,080         | 11            | 22,880             | 2,410   | 35,750             |
| Lincoln-----     | 30        | 58            | 1,140              | 31,090        | 11            | 341,990            | 31,120  | 343,130            |
| Logan-----       | 14,980    | 47            | 704,060            | 53,420        | 22            | 1,175,240          | 68,400  | 1,879,300          |
| Mesa-----        | 1,720     | 43            | 73,960             | 210           | 21            | 4,410              | 1,930   | 78,370             |
| Mineral-----     | 130       | 33            | 4,290              | ---           | ---           | ---                | 130     | 4,290              |
| Moffat-----      | 130       | 39            | 5,070              | 2,070         | 21            | 43,470             | 2,200   | 48,540             |
| Montezuma-----   | 1,030     | 36            | 37,080             | 340           | 21            | 7,140              | 1,370   | 44,220             |
| Montrose-----    | 2,670     | 41            | 109,470            | ---           | ---           | ---                | 2,670   | 109,470            |
| Morgan-----      | 10,570    | 47            | 496,790            | 13,030        | 19            | 247,570            | 23,600  | 744,360            |
| Otero-----       | 3,160     | 45            | 142,200            | 160           | 13            | 2,080              | 3,320   | 144,280            |
| Ouray-----       | 220       | 38            | 8,360              | 380           | 19            | 7,220              | 600     | 15,580             |
| Park-----        | ---       | ---           | ---                | 530           | 21            | 11,130             | 530     | 11,130             |
| Phillips-----    | ---       | ---           | ---                | 24,870        | 25            | 621,750            | 24,870  | 621,750            |
| Pitkin-----      | 120       | 33            | 3,960              | ---           | ---           | ---                | 120     | 3,960              |
| Prowers-----     | 9,380     | 41            | 384,580            | 4,940         | 12            | 59,280             | 14,320  | 443,860            |
| Pueblo-----      | 1,980     | 47            | 93,060             | 500           | 16            | 8,000              | 2,480   | 101,060            |
| Rio Blanco-----  | 40        | 43            | 1,720              | 470           | 24            | 11,280             | 510     | 13,000             |
| Rio Grande-----  | 6,820     | 31            | 211,420            | ---           | ---           | ---                | 6,820   | 211,420            |
| Routt-----       | 170       | 41            | 6,970              | 4,430         | 27            | 119,610            | 4,600   | 126,580            |
| Saguache-----    | 3,180     | 29            | 92,220             | ---           | ---           | ---                | 3,180   | 92,220             |
| San Juan-----    | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| San Miguel-----  | 350       | 40            | 14,000             | 980           | 22            | 21,560             | 1,330   | 35,560             |
| Sedgwick-----    | 3,510     | 49            | 171,990            | 13,640        | 29            | 395,560            | 17,150  | 567,550            |
| Summit-----      | 70        | 43            | 3,010              | ---           | ---           | ---                | 70      | 3,010              |
| Teller-----      | ---       | ---           | ---                | 310           | 20            | 6,200              | 310     | 6,200              |
| Washington-----  | 1,200     | 43            | 51,600             | 65,470        | 17            | 1,112,990          | 66,670  | 1,164,590          |
| Weld-----        | 44,600    | 50            | 2,230,000          | 43,900        | 16            | 702,400            | 88,500  | 2,932,400          |
| Yuma-----        | 110       | 38            | 4,180              | 27,400        | 22            | 602,800            | 27,510  | 606,980            |
| State-----       | 169,090   | ---           | 7,626,200          | 442,910       | ---           | 7,979,800          | 612,000 | 15,606,000         |

**DISTRIBUTION OF BARLEY ACREAGE, 1930**



Each dot represents 2,000 acres; cross represents acreages of less than 2,000.

**DISTRIBUTION OF POTATO ACREAGE, 1930**



Each dot represents 500 acres; cross represents acreages of less than 500.



## ACREAGE AND PRODUCTION OF POTATOES, 1930

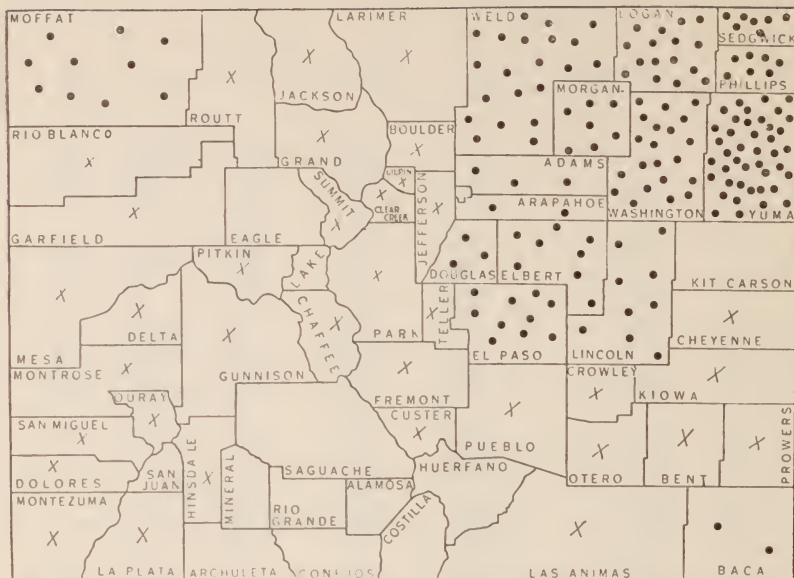
| COUNTY      | IRRIGATED |               |                    | NON-IRRIGATED |               |                    | TOTAL   |                    |
|-------------|-----------|---------------|--------------------|---------------|---------------|--------------------|---------|--------------------|
|             | Acreage   | Average Yield | Production Bushels | Acreage       | Average Yield | Production Bushels | Acreage | Production Bushels |
| Adams       | 110       | 160           | 17,600             | 10            | 85            | 850                | 120     | 18,450             |
| Alamosa     | 5,830     | 192           | 1,119,360          | ---           | ---           | ---                | 5,830   | 1,119,360          |
| Arapahoe    | 10        | 135           | 1,350              | ---           | ---           | ---                | 10      | 1,350              |
| Archuleta   | ---       | ---           | ---                | 160           | 100           | 16,000             | 160     | 16,000             |
| Baca        | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Bent        | 10        | 90            | 900                | ---           | ---           | ---                | 10      | 900                |
| Boulder     | 50        | 180           | 9,000              | ---           | ---           | ---                | 50      | 9,000              |
| Chaffee     | 390       | 150           | 58,500             | ---           | ---           | ---                | 390     | 58,500             |
| Cheyenne    | ---       | ---           | ---                | 30            | 100           | 3,000              | 30      | 3,000              |
| Clear Creek | ---       | ---           | ---                | 20            | 65            | 1,300              | 20      | 1,300              |
| Conejos     | 5,420     | 203           | 1,100,260          | ---           | ---           | ---                | 5,420   | 1,100,260          |
| Costilla    | 690       | 207           | 142,830            | ---           | ---           | ---                | 690     | 142,830            |
| Crowley     | ---       | ---           | ---                | 10            | 100           | 1,000              | 10      | 1,000              |
| Custer      | 70        | 179           | 12,530             | 1,650         | 153           | 252,450            | 1,720   | 264,980            |
| Delta       | 720       | 174           | 125,280            | ---           | ---           | ---                | 720     | 125,280            |
| Denver      | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Dolores     | ---       | ---           | ---                | 180           | 85            | 15,300             | 180     | 15,300             |
| Douglas     | ---       | ---           | ---                | 40            | 110           | 4,400              | 40      | 4,400              |
| Eagle       | 1,210     | 260           | 314,600            | 10            | 150           | 1,500              | 1,220   | 316,100            |
| Elbert      | ---       | ---           | ---                | 540           | 100           | 54,000             | 540     | 54,000             |
| El Paso     | ---       | ---           | ---                | 420           | 100           | 42,000             | 420     | 42,000             |
| Fremont     | ---       | ---           | ---                | 220           | 115           | 25,300             | 220     | 25,300             |
| Garfield    | 2,490     | 210           | 522,900            | 50            | 120           | 6,000              | 2,540   | 528,900            |
| Gilpin      | ---       | ---           | ---                | 70            | 90            | 6,300              | 70      | 6,300              |
| Grand       | 80        | 110           | 8,800              | ---           | ---           | ---                | 80      | 8,800              |
| Gunnison    | 70        | 185           | 12,950             | 160           | 100           | 16,000             | 230     | 28,950             |
| Hinsdale    | 20        | 130           | 2,600              | ---           | ---           | ---                | 20      | 2,600              |
| Huerfano    | 20        | 135           | 2,700              | 120           | 115           | 13,800             | 140     | 16,500             |
| Jackson     | ---       | ---           | ---                | 40            | 170           | 6,800              | 40      | 6,800              |
| Jefferson   | 100       | 165           | 16,500             | 500           | 95            | 47,500             | 600     | 64,000             |
| Kiowa       | ---       | ---           | ---                | 10            | 75            | 750                | 10      | 750                |
| Kit Carson  | ---       | ---           | ---                | 390           | 85            | 33,150             | 390     | 33,150             |
| Lake        | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| La Plata    | 540       | 162           | 87,480             | 290           | 95            | 27,550             | 830     | 115,030            |
| Larimer     | 370       | 160           | 59,200             | 110           | 90            | 9,900              | 480     | 69,100             |
| Las Animas  | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Lincoln     | ---       | ---           | ---                | 460           | 80            | 36,800             | 460     | 36,800             |
| Logan       | 230       | 170           | 39,100             | 790           | 115           | 90,850             | 1,020   | 129,950            |
| Mesa        | 1,170     | 176           | 205,920            | 240           | 90            | 21,600             | 1,410   | 227,520            |
| Mineral     | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Moffat      | 40        | 210           | 8,400              | 500           | 115           | 57,500             | 540     | 65,900             |
| Montezuma   | 380       | 160           | 60,800             | 350           | 85            | 29,750             | 730     | 90,550             |
| Montrose    | 3,980     | 193           | 768,140            | 40            | 90            | 3,600              | 4,020   | 771,740            |
| Morgan      | 1,250     | 180           | 225,000            | 30            | 110           | 3,300              | 1,280   | 228,300            |
| Otero       | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Ouray       | 120       | 160           | 19,200             | 80            | 90            | 7,200              | 200     | 26,400             |
| Park        | ---       | ---           | ---                | 1,370         | 100           | 137,000            | 1,370   | 137,000            |
| Phillips    | ---       | ---           | ---                | 190           | 110           | 20,900             | 190     | 20,900             |
| Pitkin      | 650       | 200           | 130,000            | ---           | ---           | ---                | 650     | 130,000            |
| Prowers     | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| Pueblo      | ---       | ---           | ---                | 10            | 80            | 800                | 10      | 800                |
| Rio Blanco  | 10        | 204           | 2,040              | 40            | 130           | 5,200              | 50      | 7,240              |
| Rio Grande  | 19,840    | 178           | 3,531,520          | ---           | ---           | ---                | 19,840  | 3,531,520          |
| Routt       | 70        | 230           | 16,100             | 850           | 120           | 102,000            | 920     | 118,100            |
| Saguache    | 7,450     | 159           | 1,206,900          | ---           | ---           | ---                | 7,450   | 1,206,900          |
| San Juan    | ---       | ---           | ---                | ---           | ---           | ---                | ---     | ---                |
| San Miguel  | 20        | 196           | 3,920              | 140           | 95            | 13,300             | 160     | 17,220             |
| Sedgwick    | 400       | 166           | 66,400             | 40            | 100           | 4,000              | 440     | 70,400             |
| Summit      | 20        | 179           | 3,580              | 10            | 115           | 1,150              | 30      | 4,730              |
| Teller      | ---       | ---           | ---                | 1,290         | 120           | 154,800            | 1,290   | 154,800            |
| Washington  | 20        | 145           | 2,900              | 400           | 97            | 38,800             | 420     | 41,700             |
| Weld        | 19,160    | 194           | 3,717,040          | 550           | 98            | 53,900             | 19,710  | 3,770,940          |
| Yuma        | 60        | 140           | 8,400              | 520           | 100           | 52,000             | 580     | 60,400             |
| State       | 73,070    | ---           | 13,630,700         | 12,930        | ---           | 1,419,300          | 86,000  | 15,050,000         |

## ACREAGE AND PRODUCTION OF RYE AND SUGAR BEETS, 1930

| COUNTY      | RYE FOR GRAIN |                  |                       | Acreage<br>Rye for<br>Pasture | Total<br>Acreage | SUGAR BEETS |                  |                    |
|-------------|---------------|------------------|-----------------------|-------------------------------|------------------|-------------|------------------|--------------------|
|             | Acreage       | Average<br>Yield | Production<br>Bushels |                               |                  | Acreage     | Average<br>Yield | Production<br>Tons |
| Adams       | 1,620         | 12               | 19,440                | 612                           | 2,232            | 10,640      | 13.4             | 142,576            |
| Alamosa     | ---           | ---              | ---                   | ---                           | ---              | 1,190       | 6.8              | 8,092              |
| Arapahoe    | 820           | 12               | 9,840                 | 387                           | 1,207            | 1,380       | 12.8             | 17,664             |
| Archuleta   | ---           | ---              | ---                   | ---                           | ---              | ---         | ---              | ---                |
| Baca        | 1,010         | 10               | 10,100                | 135                           | 1,145            | ---         | ---              | ---                |
| Bent        | 120           | 11               | 1,320                 | ---                           | 120              | 5,340       | 12.5             | 66,750             |
| Boulder     | 160           | 12               | 1,920                 | 72                            | 232              | 9,760       | 12.8             | 124,928            |
| Chaffee     | 40            | 13               | 520                   | ---                           | 40               | 80          | 3.9              | 312                |
| Cheyenne    | 340           | 12               | 4,080                 | 81                            | 421              | ---         | ---              | ---                |
| Clear Creek | 10            | 9                | 90                    | ---                           | 10               | ---         | ---              | ---                |
| Conejos     | ---           | ---              | ---                   | ---                           | ---              | 320         | 6.1              | 1,952              |
| Costilla    | ---           | ---              | ---                   | 36                            | 36               | 20          | 7.6              | 152                |
| Crowley     | 30            | 13               | 390                   | 5                             | 35               | 5,960       | 11.1             | 66,156             |
| Custer      | 320           | 15               | 4,800                 | 81                            | 401              | ---         | ---              | ---                |
| Delta       | 10            | 15               | 150                   | 4                             | 14               | 2,830       | 8.9              | 25,187             |
| Denver      | ---           | ---              | ---                   | ---                           | ---              | ---         | ---              | ---                |
| Dolores     | 180           | 13               | 2,340                 | 81                            | 261              | ---         | ---              | ---                |
| Douglas     | 1,620         | 14               | 22,680                | 347                           | 1,967            | ---         | ---              | ---                |
| Eagle       | ---           | ---              | ---                   | ---                           | ---              | ---         | ---              | ---                |
| Elbert      | 4,220         | 10               | 42,200                | 1,764                         | 5,984            | ---         | ---              | ---                |
| El Paso     | 5,190         | 10               | 51,900                | 1,975                         | 7,165            | 610         | 11.0             | 6,710              |
| Fremont     | 130           | 16               | 2,080                 | 36                            | 166              | 70          | 9.1              | 637                |
| Garfield    | 240           | 15               | 3,600                 | 18                            | 258              | 1,730       | 14.8             | 25,604             |
| Gilpin      | 10            | 15               | 150                   | ---                           | 10               | ---         | ---              | ---                |
| Grand       | 100           | 11               | 1,100                 | 45                            | 145              | ---         | ---              | ---                |
| Gunnison    | 10            | 11               | 110                   | 9                             | 19               | ---         | ---              | ---                |
| Hinsdale    | ---           | ---              | ---                   | ---                           | ---              | ---         | ---              | ---                |
| Huerfano    | 40            | 15               | 600                   | 27                            | 67               | 40          | 8.2              | 328                |
| Jackson     | 50            | 11               | 550                   | 14                            | 64               | ---         | ---              | ---                |
| Jefferson   | 200           | 13               | 2,600                 | 9                             | 209              | 980         | 11.3             | 11,074             |
| Kiowa       | 120           | 9                | 1,080                 | ---                           | 120              | ---         | ---              | ---                |
| Kit Carson  | 4,820         | 11               | 53,020                | 1,863                         | 6,683            | ---         | ---              | ---                |
| Lake        | ---           | ---              | ---                   | ---                           | ---              | ---         | ---              | ---                |
| La Plata    | 30            | 14               | 420                   | 4                             | 34               | ---         | ---              | ---                |
| Larimer     | 286           | 14               | 3,920                 | 27                            | 307              | 23,100      | 13.8             | 318,780            |
| Las Animas  | 60            | 13               | 780                   | ---                           | 60               | 720         | 12.2             | 8,784              |
| Lincoln     | 4,260         | 9                | 38,340                | 1,310                         | 5,570            | ---         | ---              | ---                |
| Logan       | 8,210         | 14               | 114,940               | 2,308                         | 10,518           | 20,870      | 13.3             | 277,571            |
| Mesa        | 180           | 16               | 2,880                 | 90                            | 270              | 1,910       | 8.4              | 16,044             |
| Mineral     | ---           | ---              | ---                   | ---                           | ---              | ---         | ---              | ---                |
| Moffat      | 4,990         | 11               | 54,890                | 1,386                         | 6,376            | ---         | ---              | ---                |
| Montezuma   | 40            | 12               | 480                   | 23                            | 63               | ---         | ---              | ---                |
| Montrose    | 50            | 16               | 800                   | 27                            | 77               | 2,760       | 7.3              | 20,148             |
| Morgan      | 3,620         | 11               | 39,820                | 895                           | 4,515            | 25,780      | 14.5             | 373,810            |
| Otero       | 20            | 15               | 300                   | ---                           | 20               | 13,850      | 12.7             | 175,895            |
| Ouray       | 50            | 15               | 750                   | 18                            | 68               | ---         | ---              | ---                |
| Park        | 400           | 12               | 4,800                 | 117                           | 517              | ---         | ---              | ---                |
| Phillips    | 3,740         | 13               | 48,620                | 1,130                         | 4,870            | ---         | ---              | ---                |
| Pitkin      | 390           | 13               | 5,070                 | ---                           | 390              | ---         | ---              | ---                |
| Prowers     | 110           | 11               | 1,210                 | 22                            | 132              | 7,240       | 11.5             | 83,260             |
| Pueblo      | 150           | 11               | 1,650                 | 68                            | 218              | 6,860       | 12.8             | 87,808             |
| Rio Blanco  | 210           | 11               | 2,310                 | 81                            | 291              | ---         | ---              | ---                |
| Rio Grande  | ---           | ---              | ---                   | ---                           | ---              | 10          | 3.9              | 39                 |
| Routt       | 140           | 14               | 1,960                 | 9                             | 149              | ---         | ---              | ---                |
| Saguache    | ---           | ---              | ---                   | ---                           | ---              | ---         | ---              | ---                |
| San Juan    | ---           | ---              | ---                   | ---                           | ---              | ---         | ---              | ---                |
| San Miguel  | 130           | 14               | 1,820                 | 32                            | 162              | ---         | ---              | ---                |
| Sedgwick    | 2,280         | 14               | 31,920                | 729                           | 3,009            | 4,960       | 13.8             | 68,448             |
| Summit      | 40            | 11               | 440                   | 9                             | 49               | ---         | ---              | ---                |
| Teller      | 110           | 12               | 1,320                 | 40                            | 150              | ---         | ---              | ---                |
| Washington  | 10,420        | 11               | 114,620               | 3,690                         | 14,110           | 1,510       | 13.3             | 20,083             |
| Weld        | 10,440        | 10               | 104,400               | 3,483                         | 13,923           | 92,480      | 14.6             | 1,350,208          |
| Yuma        | 21,240        | 12               | 254,880               | 3,901                         | 25,141           | ---         | ---              | ---                |
| State       | 93,000        | ---              | 1,070,000             | 27,000                        | 120,000          | 243,000     | ---              | 3,299,000          |

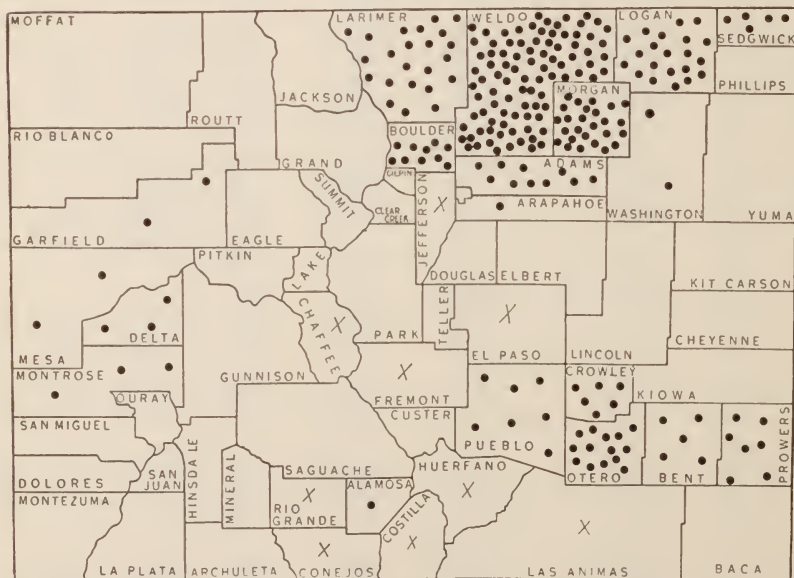


## DISTRIBUTION OF RYE ACREAGE, 1930



Each dot represents 500 acres; cross represents acreages of less than 500.

## DISTRIBUTION OF SUGAR BEET ACREAGE, 1930



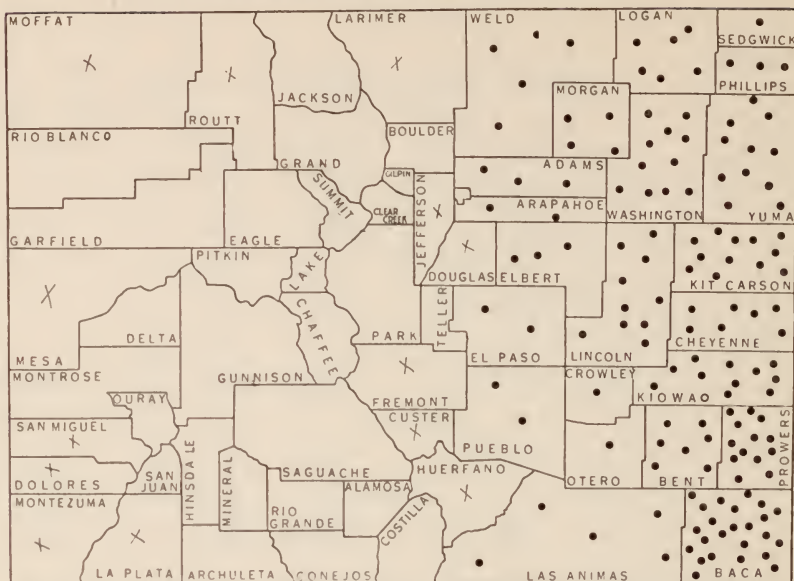
Each dot represents 1,000 acres; cross represents acreages of less than 1,000.

ACREAGE AND PRODUCTION OF GRAIN AND SWEET SORGHUMS, 1930

| COUNTY      | GRAIN   |               |                    | SWEET   |               |                 | Total Acreage |
|-------------|---------|---------------|--------------------|---------|---------------|-----------------|---------------|
|             | Acreage | Average Yield | Production Bushels | Acreage | Average Yield | Production Tons |               |
| Adams       | 2,270   | 12            | 27,240             | 2,930   | 2.1           | 6,153           | 5,200         |
| Alamosa     | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Arapahoe    | 2,080   | 14            | 29,120             | 1,450   | 2.0           | 2,900           | 3,530         |
| Archuleta   | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Baca        | 48,410  | 12            | 580,920            | 480     | 1.7           | 816             | 48,890        |
| Bent        | 13,440  | 13            | 174,720            | ---     | ---           | ---             | 13,440        |
| Boulder     | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Chaffee     | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Cheyenne    | 13,140  | 16            | 210,240            | ---     | ---           | ---             | 13,140        |
| Clear Creek | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Conejos     | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Costilla    | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Crowley     | 2,810   | 15            | 42,150             | 20      | 1.6           | 32              | 2,830         |
| Custer      | 10      | 13            | 130                | ---     | ---           | ---             | 10            |
| Delta       | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Denver      | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Dolores     | 70      | 13            | 910                | 80      | 2.2           | 176             | 150           |
| Douglas     | 210     | 16            | 3,360              | 420     | 2.0           | 840             | 630           |
| Eagle       | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Elbert      | 1,420   | 14            | 19,880             | 3,720   | 1.9           | 7,068           | 5,140         |
| El Paso     | 2,980   | 16            | 47,680             | 560     | 1.9           | 1,064           | 3,540         |
| Fremont     | 10      | 13            | 130                | ---     | ---           | ---             | 10            |
| Garfield    | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Gilpin      | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Grand       | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Gunnison    | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Hinsdale    | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Huerfano    | 40      | 15            | 600                | 1,020   | 1.9           | 1,938           | 1,060         |
| Jackson     | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Jefferson   | 30      | 14            | 420                | ---     | ---           | ---             | 30            |
| Kiowa       | 13,560  | 16            | 216,960            | 9,490   | 1.9           | 18,031          | 23,050        |
| Kit Carson  | 14,270  | 15            | 214,050            | 9,060   | 2.3           | 20,838          | 23,330        |
| Lake        | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| La Plata    | 90      | 13            | 1,170              | 20      | 2.2           | 44              | 110           |
| Larimer     | 10      | 16            | 160                | 40      | 2.0           | 80              | 50            |
| Las Animas  | 6,970   | 11            | 76,670             | 2,080   | 2.0           | 4,160           | 9,050         |
| Lincoln     | 18,080  | 11            | 198,880            | 2,790   | 1.9           | 5,301           | 20,870        |
| Logan       | 2,740   | 15            | 41,100             | 9,020   | 2.5           | 22,550          | 11,760        |
| Mesa        | 160     | 16            | 2,560              | 20      | 2.5           | 50              | 180           |
| Mineral     | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Moffat      | 50      | 12            | 600                | 50      | 1.7           | 85              | 100           |
| Montezuma   | 260     | 12            | 3,120              | ---     | ---           | ---             | 260           |
| Montrose    | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Morgan      | 4,280   | 13            | 55,640             | 2,960   | 2.2           | 6,512           | 7,240         |
| Otero       | 2,710   | 13            | 35,230             | 260     | 2.4           | 624             | 2,970         |
| Ouray       | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Park        | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Phillips    | 2,070   | 18            | 37,260             | 3,960   | 2.6           | 10,296          | 6,030         |
| Pitkin      | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Prowers     | 21,640  | 13            | 281,320            | 5,040   | 1.8           | 9,072           | 26,680        |
| Pueblo      | 4,020   | 13            | 52,260             | 330     | 2.0           | 660             | 4,350         |
| Rio Blanco  | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Rio Grande  | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Routt       | 30      | 14            | 420                | ---     | ---           | ---             | 30            |
| Saguache    | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| San Juan    | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| San Miguel  | 30      | 12            | 360                | ---     | ---           | ---             | 30            |
| Sedgwick    | 1,220   | 18            | 21,960             | 570     | 2.5           | 2,175           | 2,090         |
| Summit      | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Teller      | ---     | ---           | ---                | ---     | ---           | ---             | ---           |
| Washington  | 15,140  | 14            | 211,960            | 6,570   | 2.3           | 15,111          | 21,710        |
| Weld        | 4,590   | 14            | 64,260             | 5,720   | 2.4           | 13,728          | 10,310        |
| Yuma        | 12,160  | 16            | 194,560            | 9,040   | 2.4           | 21,696          | 21,200        |
| State       | 211,000 | ---           | 2,848,000          | 78,000  | ---           | 172,000         | 289,000       |

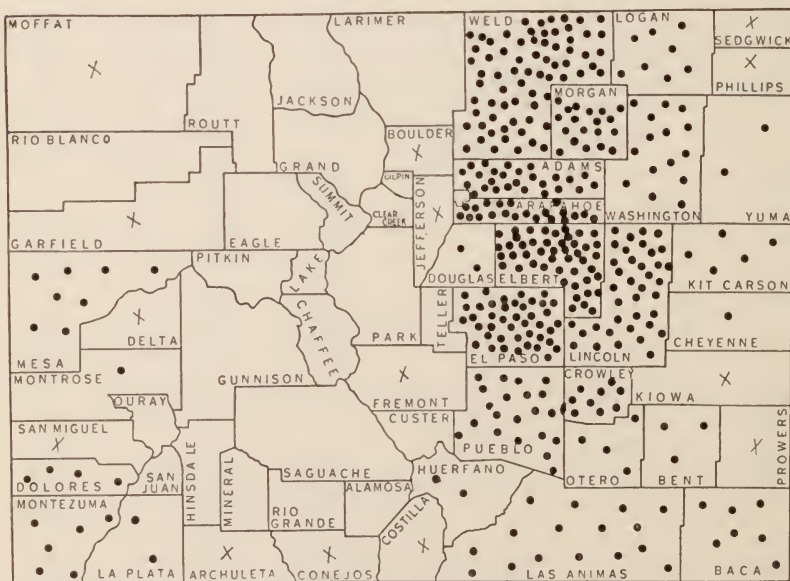


## DISTRIBUTION OF SORGHUMS, 1930



Each dot represents 2,000 acres; cross represents acreages of less than 2,000.

## DISTRIBUTION OF DRY BEAN ACREAGE, 1930



Each dot represents 1,000 acres; cross represents acreages of less than 1,000.

ACREAGE AND PRODUCTION OF DRY BEANS, 1930

| COUNTY            | IRRIGATED |               |                    | NON-IRRIGATED |               |                    | TOTAL    |                    |
|-------------------|-----------|---------------|--------------------|---------------|---------------|--------------------|----------|--------------------|
|                   | Acreeage  | Average Yield | Production Bushels | Acreeage      | Average Yield | Production Bushels | Acreeage | Production Bushels |
| Adams -----       | 420       | 17.0          | 7,140              | 25,820        | 8.4           | 216,888            | 26,240   | 224,028            |
| Alamosa -----     | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Arapahoe -----    | 60        | 14.5          | 870                | 21,310        | 8.5           | 181,135            | 21,370   | 182,005            |
| Archuleta -----   | 10        | 13.3          | 133                | 50            | 7.2           | 360                | 60       | 493                |
| Baca -----        | ---       | ---           | ---                | 6,720         | 4.6           | 30,912             | 6,720    | 30,912             |
| Bent -----        | 440       | 12.7          | 5,588              | 2,600         | 4.7           | 12,220             | 3,040    | 17,808             |
| Boulder -----     | 170       | 16.4          | 2,788              | 190           | 8.5           | 1,615              | 360      | 4,403              |
| Chaffee -----     | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Cheyenne -----    | ---       | ---           | ---                | 1,050         | 6.5           | 6,825              | 1,050    | 6,825              |
| Clear Creek ----- | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Conejos -----     | 420       | 16.0          | 6,720              | ---           | ---           | ---                | 420      | 6,720              |
| Costilla -----    | 460       | 12.5          | 5,750              | ---           | ---           | ---                | 460      | 5,750              |
| Crowley -----     | 1,580     | 12.7          | 20,066             | 7,830         | 5.5           | 43,065             | 9,410    | 63,131             |
| Custer -----      | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Delta -----       | 180       | 17.6          | 3,168              | 30            | 10.0          | 300                | 210      | 3,468              |
| Denver -----      | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Dolores -----     | ---       | ---           | ---                | 3,810         | 9.5           | 36,195             | 3,810    | 36,195             |
| Douglas -----     | ---       | ---           | ---                | 1,990         | 10.4          | 20,696             | 1,990    | 20,696             |
| Eagle -----       | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Elbert -----      | ---       | ---           | ---                | 47,240        | 10.5          | 496,020            | 47,240   | 496,020            |
| El Paso -----     | 40        | 16.5          | 660                | 41,710        | 10.4          | 433,784            | 41,750   | 434,444            |
| Fremont -----     | 60        | 17.0          | 1,020              | 30            | 8.5           | 255                | 90       | 1,275              |
| Garfield -----    | 120       | 13.0          | 1,560              | ---           | ---           | ---                | 120      | 1,560              |
| Gilpin -----      | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Grand -----       | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Gunnison -----    | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Hinsdale -----    | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Huerfano -----    | 90        | 13.0          | 1,170              | 2,280         | 6.6           | 15,048             | 2,370    | 16,218             |
| Jackson -----     | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Jefferson -----   | 200       | 16.0          | 3,200              | ---           | ---           | ---                | 200      | 3,200              |
| Kiowa -----       | ---       | ---           | ---                | 430           | 6.7           | 2,881              | 430      | 2,881              |
| Kit Carson -----  | ---       | ---           | ---                | 4,620         | 6.6           | 30,492             | 4,620    | 30,492             |
| Lake -----        | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| La Plata -----    | 900       | 12.0          | 10,800             | 680           | 6.7           | 4,556              | 1,580    | 15,356             |
| Larimer -----     | 330       | 17.6          | 5,808              | 590           | 11.0          | 6,490              | 920      | 12,298             |
| Las Animas -----  | 1,290     | 20.0          | 25,800             | 15,030        | 4.5           | 67,635             | 16,320   | 93,435             |
| Lincoln -----     | ---       | ---           | ---                | 37,690        | 7.5           | 282,675            | 37,690   | 282,675            |
| Logan -----       | 1,180     | 16.0          | 18,880             | 6,900         | 10.0          | 69,000             | 8,080    | 87,880             |
| Mesa -----        | 7,780     | 19.5          | 151,710            | 590           | 10.6          | 6,254              | 8,370    | 157,964            |
| Mineral -----     | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Moffat -----      | ---       | ---           | ---                | 60            | 7.8           | 468                | 60       | 468                |
| Montezuma -----   | 360       | 16.2          | 5,832              | 5,400         | 9.4           | 50,760             | 5,760    | 56,592             |
| Montrose -----    | 940       | 19.5          | 18,330             | 60            | 9.0           | 540                | 1,000    | 18,870             |
| Morgan -----      | 2,010     | 18.2          | 36,582             | 17,120        | 10.5          | 179,760            | 19,130   | 216,342            |
| Otero -----       | 3,690     | 16.4          | 60,516             | 130           | 5.7           | 741                | 3,820    | 61,257             |
| Ouray -----       | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Park -----        | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Phillips -----    | ---       | ---           | ---                | 680           | 9.7           | 6,596              | 680      | 6,596              |
| Pitkin -----      | ---       | ---           | ---                | 190           | 6.5           | 1,235              | 450      | 5,057              |
| Prowers -----     | 260       | 14.7          | 3,822              | ---           | ---           | ---                | ---      | ---                |
| Pueblo -----      | 3,450     | 18.0          | 62,100             | 17,970        | 8.2           | 147,354            | 21,420   | 209,454            |
| Rio Blanco -----  | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Rio Grande -----  | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Routt -----       | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Saguache -----    | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| San Juan -----    | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| San Miguel -----  | ---       | ---           | ---                | 290           | 9.2           | 2,668              | 290      | 2,668              |
| Sedgwick -----    | 80        | 17.2          | 1,376              | 20            | 10.0          | 200                | 100      | 1,576              |
| Summit -----      | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Teller -----      | ---       | ---           | ---                | ---           | ---           | ---                | ---      | ---                |
| Washington -----  | 130       | 18.0          | 2,340              | 15,290        | 9.2           | 140,668            | 15,420   | 143,008            |
| Weld -----        | 21,070    | 20.0          | 421,400            | 48,700        | 10.8          | 525,960            | 69,770   | 947,360            |
| Yuma -----        | ---       | ---           | ---                | 2,180         | 9.0           | 19,620             | 2,180    | 19,620             |
| State -----       | 47,720    | ---           | 885,129            | 337,280       | ---           | 3,041,871          | 385,000  | 3,927,000          |



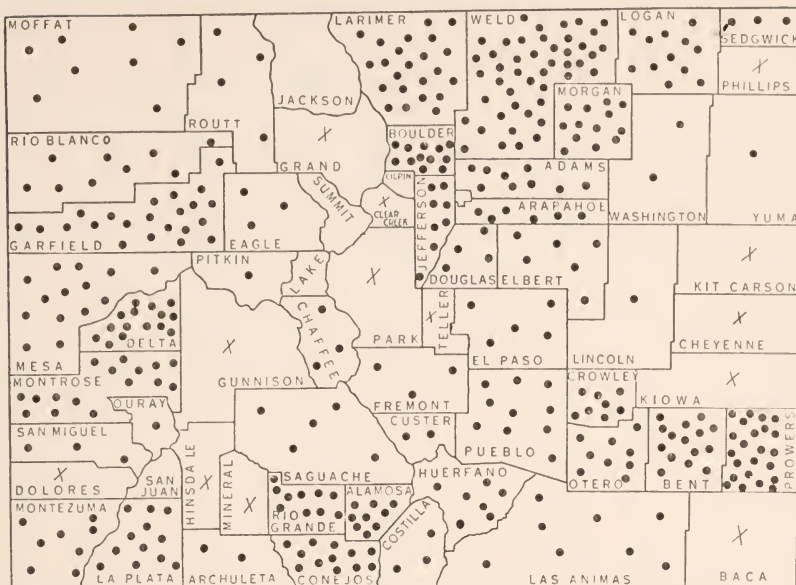
## ACREAGE OF HAY CROPS, 1930

| COUNTY           | Alfalfa | All Clover<br>and<br>Timothy,<br>Alone or<br>Mixed | Millet<br>and<br>Sudan<br>Grass | All Other<br>Tame<br>Hay* | Total<br>Tame Hay | Wild Grass<br>Cut for<br>Hay | Total<br>Hay |
|------------------|---------|--|---------------------------------|---------------------------|-------------------|------------------------------|--------------|
| Adams.....       | 17,010  | 660  | 840                             | 2,290                     | 20,800            | 3,040                        | 23,840       |
| Alamosa.....     | 17,250  | 780  | ---                             | 3,410                     | 21,440            | 18,700                       | 40,140       |
| Arapahoe.....    | 12,480  | 70   | 555                             | 1,700                     | 14,805            | 1,400                        | 16,205       |
| Archuleta.....   | 4,890   | 8,760  | 165                             | 1,510                     | 15,325            | 2,060                        | 17,385       |
| Baca.....        | 1,140   | 30   | 965                             | 760                       | 2,895             | 110                          | 3,005        |
| Bent.....        | 30,280  | 440  | 425                             | 290                       | 31,435            | 200                          | 31,635       |
| Boulder.....     | 23,170  | 1,020  | 75                              | 420                       | 24,685            | 3,360                        | 28,045       |
| Chaffee.....     | 5,120   | 2,710  | ---                             | 850                       | 8,680             | 2,070                        | 10,750       |
| Cheyenne.....    | 190     | ---  | 5,040                           | 220                       | 5,450             | ---                          | 5,450        |
| Clear Creek..... | 20      | 410  | ---                             | 230                       | 660               | 310                          | 970          |
| Concejos.....    | 24,110  | 8,560  | ---                             | 3,580                     | 36,250            | 15,210                       | 51,460       |
| Costilla.....    | 5,720   | 930  | 50                              | 1,050                     | 7,750             | 3,640                        | 11,390       |
| Crowley.....     | 15,600  | 80   | 235                             | 340                       | 16,255            | ---                          | 16,255       |
| Custer.....      | 4,120   | 850  | ---                             | 3,810                     | 8,780             | 9,800                        | 18,580       |
| Delta.....       | 30,650  | 1,390  | 45                              | 1,880                     | 33,965            | 40                           | 34,005       |
| Denver.....      | ---     | ---  | ---                             | ---                       | ---               | ---                          | ---          |
| Dolores.....     | 170     | 300  | 10                              | 780                       | 1,260             | 120                          | 1,380        |
| Douglas.....     | 7,300   | 2,990  | 285                             | 3,090                     | 13,665            | 2,510                        | 16,175       |
| Eagle.....       | 5,270   | 16,790   | 5                               | 670                       | 22,735            | 390                          | 23,125       |
| Elbert.....      | 11,140  | 870  | 3,625                           | 8,140                     | 23,775            | 3,540                        | 27,315       |
| El Paso.....     | 10,620  | 2,620  | 7,345                           | 3,360                     | 23,945            | 4,540                        | 28,485       |
| Fremont.....     | 6,750   | 1,760  | 190                             | 2,000                     | 10,700            | 1,600                        | 12,300       |
| Garfield.....    | 38,280  | 730  | 15                              | 1,870                     | 40,895            | 330                          | 41,225       |
| Gilpin.....      | ---     | 150  | ---                             | 530                       | 680               | 520                          | 1,200        |
| Grand.....       | 490     | 11,505   | ---                             | 620                       | 12,615            | 14,140                       | 26,755       |
| Gunnison.....    | 1,960   | 31,930   | ---                             | 2,540                     | 36,430            | 14,860                       | 51,290       |
| Hinsdale.....    | 50      | 1,760  | ---                             | 190                       | 2,000             | 1,260                        | 3,260        |
| Huerfano.....    | 14,920  | 570  | 740                             | 2,550                     | 18,780            | 1,720                        | 20,500       |
| Jackson.....     | ---     | 110  | ---                             | 3,110                     | 3,220             | 84,700                       | 87,920       |
| Jefferson.....   | 16,820  | 550  | 25                              | 1,770                     | 19,165            | 2,240                        | 21,405       |
| Kiowa.....       | 1,860   | 280  | 1,235                           | 30                        | 3,405             | 10                           | 3,415        |
| Kit Carson.....  | 1,120   | 220  | 8,125                           | 480                       | 9,945             | 970                          | 10,915       |
| Lake.....        | ---     | ---  | ---                             | 720                       | 720               | 4,470                        | 5,190        |
| La Plata.....    | 23,760  | 2,710  | 125                             | 4,170                     | 30,765            | 1,400                        | 32,165       |
| Larimer.....     | 46,170  | 570  | 155                             | 540                       | 47,435            | 8,200                        | 55,635       |
| Las Animas.....  | 15,100  | 970  | 2,400                           | 5,480                     | 23,950            | 580                          | 24,530       |
| Lincoln.....     | 2,510   | 240  | 9,850                           | 7,190                     | 19,790            | 2,420                        | 22,210       |
| Logan.....       | 23,620  | 1,210  | 8,535                           | 580                       | 33,945            | 12,420                       | 46,365       |
| Mesa.....        | 33,240  | 2,760  | 85                              | 990                       | 37,075            | 1,240                        | 38,315       |
| Mineral.....     | 20      | 200  | ---                             | 420                       | 640               | 2,310                        | 2,950        |
| Moffat.....      | 16,140  | 3,970  | 120                             | 5,510                     | 25,740            | 4,880                        | 30,620       |
| Montezuma.....   | 18,690  | 710  | ---                             | 2,570                     | 21,970            | 620                          | 22,590       |
| Montrose.....    | 32,450  | 3,660  | 15                              | 560                       | 36,635            | 1,960                        | 38,645       |
| Morgan.....      | 25,980  | 2,190  | 5,640                           | 2,120                     | 35,930            | 2,520                        | 38,450       |
| Otero.....       | 18,940  | 3,870  | 65                              | 360                       | 23,235            | 270                          | 23,505       |
| Ouray.....       | 2,740   | 6,180  | ---                             | 460                       | 9,380             | 1,990                        | 11,370       |
| Park.....        | 20      | 80   | ---                             | 2,020                     | 2,120             | 38,260                       | 40,380       |
| Phillips.....    | 860     | 360  | 4,485                           | 250                       | 5,955             | 200                          | 6,155        |
| Pitkin.....      | 2,700   | 6,690  | ---                             | 240                       | 9,630             | 470                          | 10,100       |
| Prowers.....     | 45,600  | 830  | 865                             | 10                        | 47,305            | 420                          | 47,725       |
| Pueblo.....      | 19,540  | 2,170  | 130                             | 570                       | 22,410            | 980                          | 23,390       |
| Rio Blanco.....  | 17,980  | 3,670  | ---                             | 9,240                     | 30,890            | 5,970                        | 36,860       |
| Rio Grande.....  | 19,260  | 9,210  | ---                             | 2,030                     | 30,500            | 12,200                       | 42,700       |
| Routt.....       | 7,210   | 35,800   | 10                              | 6,600                     | 49,620            | 5,210                        | 54,830       |
| Saguache.....    | 9,590   | 475  | ---                             | 5,210                     | 15,275            | 58,700                       | 73,975       |
| San Juan.....    | ---     | ---  | ---                             | ---                       | ---               | ---                          | ---          |
| San Miguel.....  | 5,630   | 4,320  | 5                               | 140                       | 10,095            | 240                          | 10,335       |
| Sedgwick.....    | 5,010   | ---  | 650                             | 1,540                     | 7,200             | 3,260                        | 10,460       |
| Summit.....      | 30      | 8,150  | 65                              | 430                       | 8,675             | 870                          | 9,545        |
| Teller.....      | 120     | 550  | ---                             | 4,210                     | 4,880             | 4,640                        | 9,520        |
| Washington.....  | 4,280   | 60   | 16,470                          | 2,820                     | 23,630            | 2,230                        | 25,860       |
| Weld.....        | 92,900  | 4,820  | 9,270                           | 16,880                    | 123,870           | 12,260                       | 136,130      |
| Yuma.....        | 2,410   | 750  | 9,065                           | 70                        | 12,295            | 6,420                        | 18,715       |
| State.....       | 801,000 | 207,000  | 98,000                          | 138,000                   | 1,244,000         | 391,000                      | 1,635,000    |

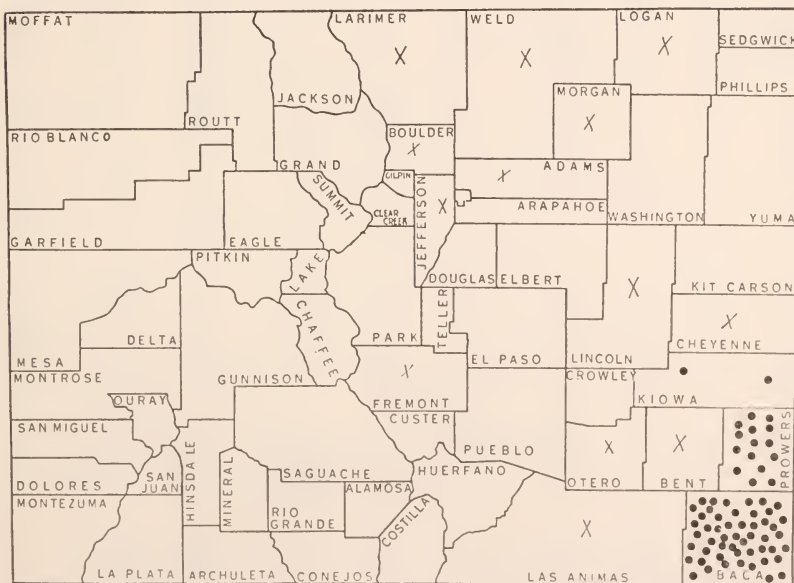
\*Including 103,000 acres of grains cut green.

Note—The acreage of millet and sudan grass shown here does not include about 43,000 acres of millet grown for seed and not cut for hay. This additional acreage is shown in another table indicating the distribution of millet seed acreage.

**DISTRIBUTION OF ALFALFA ACREAGE, 1930**



**DISTRIBUTION OF BROOM CORN ACREAGE, 1930**

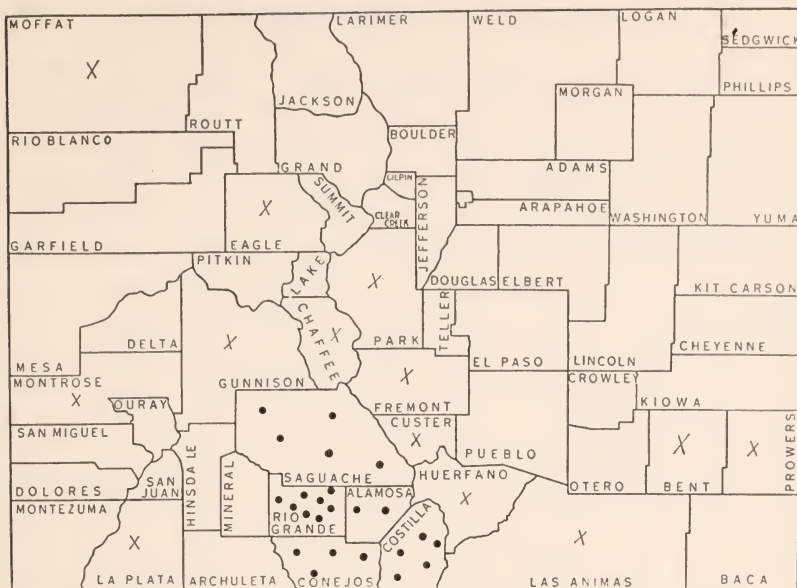




## ACREAGE OF MISCELLANEOUS CROPS, 1930

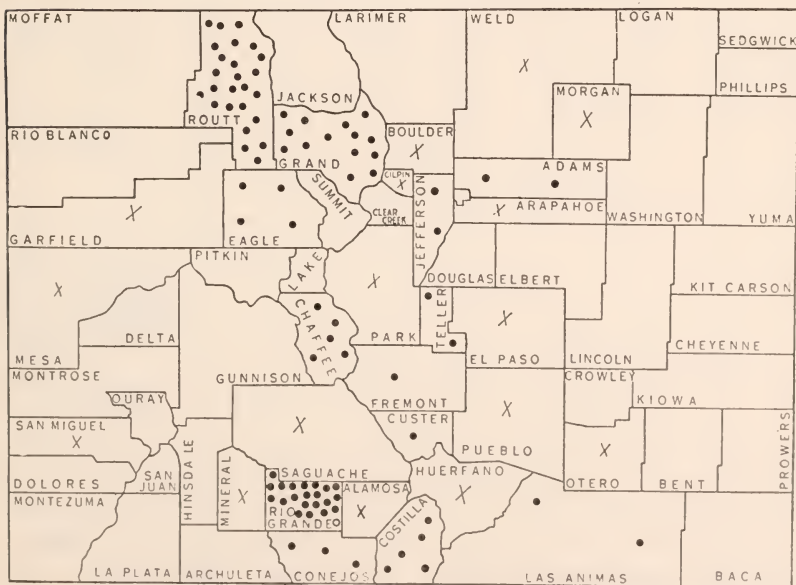
| COUNTY      | Snap Beans | Broom Corn | Field Peas | GARDEN PEAS |          |        | CUCUMBERS   |          |       |
|-------------|------------|------------|------------|-------------|----------|--------|-------------|----------|-------|
|             |            |            |            | For Market  | For Mfg. | Total  | For Pickles | For Seed | Total |
| Adams       | 397        | 20         | ---        | 210         | 375      | 585    | 420         | ---      | 420   |
| Alamosa     | ---        | ---        | 4,450      | 400         | ---      | 400    | ---         | ---      | ---   |
| Arapahoe    | 5          | ---        | ---        | 10          | ---      | 10     | 15          | ---      | 15    |
| Archuleta   | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Baca        | ---        | 50,280     | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Bent        | ---        | 730        | 5          | 10          | ---      | 10     | 60          | 40       | 100   |
| Boulder     | 240        | 20         | ---        | 10          | 1,183    | 1,198  | 190         | ---      | 190   |
| Chaffee     | ---        | ---        | 1,650      | 700         | ---      | 700    | ---         | ---      | ---   |
| Cheyenne    | ---        | 810        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Clear Creek | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Conejos     | ---        | ---        | 8,135      | 2,300       | ---      | 2,300  | ---         | ---      | ---   |
| Costilla    | ---        | ---        | 9,930      | 750         | ---      | 750    | ---         | ---      | ---   |
| Crowley     | ---        | ---        | ---        | ---         | ---      | ---    | 290         | 20       | 310   |
| Custer      | 20         | ---        | 200        | 350         | ---      | 350    | ---         | ---      | ---   |
| Delta       | 88         | ---        | ---        | 15          | ---      | 15     | 30          | 40       | 70    |
| Denver      | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Dolores     | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Douglas     | ---        | ---        | ---        | 10          | ---      | 10     | ---         | ---      | ---   |
| Eagle       | ---        | ---        | 45         | 130         | ---      | 130    | ---         | ---      | ---   |
| Elbert      | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| El Paso     | ---        | ---        | ---        | 15          | ---      | 15     | ---         | ---      | ---   |
| Fremont     | 40         | 10         | 20         | 260         | ---      | 260    | 50          | ---      | 30    |
| Garfield    | ---        | ---        | ---        | 30          | ---      | 30     | ---         | ---      | ---   |
| Gilpin      | ---        | ---        | ---        | 125         | ---      | 125    | ---         | ---      | ---   |
| Grand       | ---        | ---        | ---        | 10          | ---      | 10     | ---         | ---      | ---   |
| Gunnison    | ---        | ---        | 5          | ---         | ---      | ---    | ---         | ---      | ---   |
| Hinsdale    | ---        | ---        | ---        | 5           | ---      | 5      | ---         | ---      | ---   |
| Huerfano    | ---        | ---        | 120        | 40          | ---      | 40     | ---         | ---      | ---   |
| Jackson     | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Jefferson   | 100        | 15         | ---        | 540         | ---      | 540    | 70          | ---      | 70    |
| Kiowa       | ---        | 1,640      | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Kit Carson  | ---        | 60         | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Lake        | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| La Plata    | 3          | ---        | 5          | ---         | ---      | ---    | ---         | ---      | ---   |
| Larimer     | 235        | 20         | ---        | 10          | 1,250    | 1,260  | 95          | ---      | 95    |
| Las Animas  | ---        | 620        | 350        | 50          | ---      | 50     | 15          | 20       | 35    |
| Lincoln     | ---        | 80         | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Logan       | 10         | 30         | ---        | ---         | ---      | ---    | 140         | ---      | 140   |
| Mesa        | 5          | ---        | ---        | 25          | ---      | 25     | 140         | 300      | 440   |
| Mineral     | ---        | ---        | ---        | 70          | ---      | 70     | ---         | ---      | ---   |
| Moffat      | ---        | ---        | 10         | 10          | ---      | 10     | ---         | ---      | ---   |
| Montezuma   | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Montrose    | 100        | ---        | 5          | ---         | ---      | ---    | 45          | ---      | 45    |
| Morgan      | 13         | 10         | ---        | ---         | ---      | ---    | 270         | ---      | 270   |
| Otero       | 281        | 15         | ---        | 50          | ---      | 50     | 130         | 2,070    | 2,200 |
| Ouray       | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Park        | ---        | ---        | 90         | 20          | ---      | 20     | ---         | ---      | ---   |
| Phillips    | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Pitkin      | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Prowers     | 5          | 14,610     | 70         | ---         | ---      | ---    | 70          | ---      | 70    |
| Pueblo      | 240        | ---        | ---        | 200         | ---      | 200    | 170         | 1,910    | 2,080 |
| Rio Blanco  | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Rio Grande  | ---        | ---        | 15,460     | 1,400       | ---      | 1,400  | ---         | ---      | ---   |
| Routt       | ---        | ---        | 50         | ---         | ---      | ---    | ---         | ---      | ---   |
| Saguache    | ---        | ---        | 9,400      | ---         | ---      | ---    | ---         | ---      | ---   |
| San Juan    | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| San Miguel  | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Sedgwick    | ---        | ---        | ---        | ---         | ---      | ---    | 15          | ---      | 15    |
| Summit      | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Teller      | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Washington  | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| Weld        | 788        | 30         | ---        | 35          | 887      | 922    | 605         | ---      | 605   |
| Yuma        | ---        | ---        | ---        | ---         | ---      | ---    | ---         | ---      | ---   |
| State       | 2,570      | 69,000     | 50,000     | 7,790       | 3,700    | 11,490 | 2,800       | 4,400    | 7,200 |

### DISTRIBUTION OF FIELD PEAS, 1930



Each dot represents 2,000 acres; cross represents acreages of less than 2,000.

### DISTRIBUTION OF LETTUCE ACREAGE, 1930



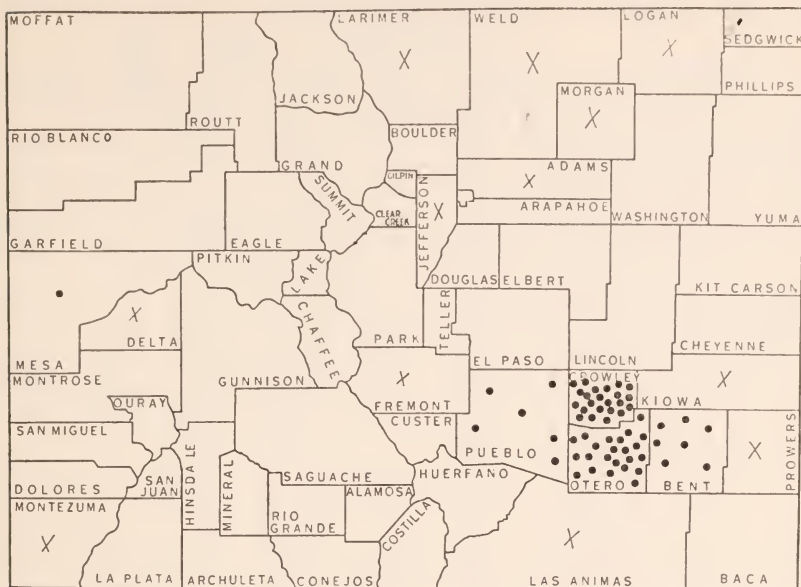
Each dot represents 1,000 acres; cross represents acreages of less than 1,000.



## ACREAGE OF MISCELLANEOUS CROPS, 1930

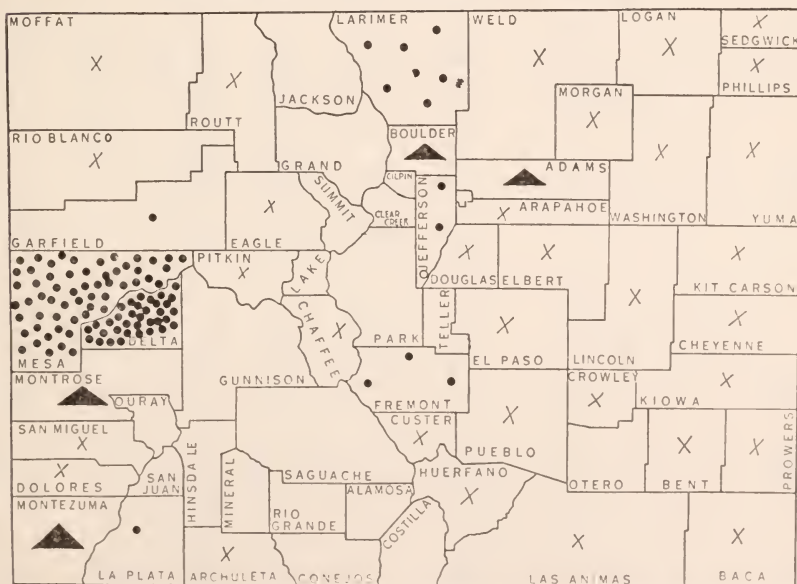
| COUNTY      | CABBAGE |       |       | TOMATOES      |             |       | Lettuce | Celery | Cauli-<br>flower |
|-------------|---------|-------|-------|---------------|-------------|-------|---------|--------|------------------|
|             | Early   | Late  | Total | For<br>Market | For<br>Mfg. | Total |         |        |                  |
| Adams       | 470     | 270   | 740   | 125           | 352         | 477   | 150     | 257    | 165              |
| Alamosa     | ---     | ---   | ---   | ---           | ---         | ---   | 90      | ---    | 95               |
| Arapahoe    | 38      | 25    | 63    | 8             | ---         | 8     | 4       | 12     | 2                |
| Archuleta   | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Baca        | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Bent        | 8       | ---   | 8     | 2             | ---         | 2     | ---     | ---    | ---              |
| Boulder     | 70      | 120   | 190   | ---           | 178         | 178   | 5       | ---    | ---              |
| Chaffee     | 5       | ---   | 5     | ---           | ---         | ---   | 490     | 8      | 10               |
| Cheyenne    | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Clear Creek | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Conejos     | ---     | ---   | ---   | ---           | ---         | ---   | 320     | 5      | 178              |
| Costilla    | 15      | 12    | 27    | ---           | ---         | ---   | 450     | 3      | 995              |
| Crowley     | 5       | 5     | 10    | 65            | ---         | 65    | ---     | ---    | 5                |
| Custer      | ---     | 4     | 4     | ---           | ---         | ---   | 120     | ---    | 98               |
| Delta       | ---     | ---   | ---   | ---           | ---         | ---   | ---     | 1      | ---              |
| Denver      | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Dolores     | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Douglas     | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Eagle       | ---     | ---   | ---   | ---           | ---         | ---   | 425     | ---    | ---              |
| Elbert      | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| El Paso     | 10      | 12    | 22    | ---           | ---         | ---   | 7       | 3      | ---              |
| Fremont     | 95      | 50    | 145   | 27            | ---         | 27    | 110     | 78     | 175              |
| Garfield    | 2       | 1     | 3     | 3             | ---         | 3     | 90      | 1      | ---              |
| Gilpin      | ---     | ---   | ---   | ---           | ---         | ---   | 20      | ---    | ---              |
| Grand       | ---     | ---   | ---   | ---           | ---         | ---   | 1,300   | ---    | ---              |
| Gunnison    | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Hinsdale    | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Huerfano    | ---     | ---   | ---   | ---           | ---         | ---   | 30      | ---    | 25               |
| Jackson     | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Jefferson   | 75      | 98    | 173   | 270           | ---         | 270   | 190     | 250    | 70               |
| Kiowa       | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Kit Carson  | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Lake        | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| La Plata    | ---     | ---   | ---   | ---           | ---         | ---   | ---     | 2      | ---              |
| Larimer     | 10      | 50    | 60    | 35            | ---         | 35    | ---     | 8      | 1                |
| Las Animas  | 5       | 2     | 7     | 1             | ---         | 1     | 160     | ---    | ---              |
| Lincoln     | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Logan       | 4       | 15    | 19    | 10            | ---         | 10    | ---     | ---    | ---              |
| Mesa        | 12      | 15    | 27    | 8             | 513         | 521   | 8       | 14     | ---              |
| Mineral     | ---     | ---   | ---   | ---           | ---         | ---   | 50      | ---    | ---              |
| Moffat      | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Montezuma   | ---     | ---   | ---   | 1             | ---         | 1     | ---     | ---    | ---              |
| Montrose    | 2       | 7     | 9     | ---           | ---         | ---   | ---     | ---    | ---              |
| Morgan      | 5       | 15    | 20    | 8             | 14          | 22    | 4       | ---    | 1                |
| Otero       | 4       | 10    | 14    | 15            | 754         | 769   | 2       | 6      | 22               |
| Ouray       | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Park        | ---     | ---   | ---   | ---           | ---         | ---   | 10      | ---    | ---              |
| Phillips    | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Pitkin      | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Prowers     | ---     | ---   | ---   | 2             | ---         | 2     | ---     | ---    | ---              |
| Pueblo      | 105     | 405   | 510   | 85            | ---         | 85    | 5       | 195    | 1,025            |
| Rio Blanco  | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Rio Grande  | ---     | ---   | ---   | ---           | ---         | ---   | 2,200   | ---    | 95               |
| Routt       | ---     | 2     | 2     | ---           | ---         | ---   | 2,520   | ---    | ---              |
| Saguache    | ---     | ---   | ---   | ---           | ---         | ---   | 15      | ---    | ---              |
| San Juan    | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| San Miguel  | ---     | ---   | ---   | ---           | ---         | ---   | 5       | ---    | ---              |
| Sedgwick    | ---     | 2     | 2     | ---           | ---         | ---   | ---     | ---    | ---              |
| Summit      | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Teller      | ---     | ---   | ---   | ---           | ---         | ---   | 210     | ---    | ---              |
| Washington  | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| Weld        | 760     | 1,080 | 1,840 | 35            | 419         | 454   | 10      | 7      | 38               |
| Yuma        | ---     | ---   | ---   | ---           | ---         | ---   | ---     | ---    | ---              |
| State       | 1,700   | 2,200 | 3,900 | 700           | 2,230       | 2,930 | 9,000   | 850    | 3,000            |

**DISTRIBUTION OF CANTALOUPE AND HONEY DEW MELONS, 1930**



Each dot represents 200 acres; cross represents acreages of less than 200.

**DISTRIBUTION OF FRUIT VALUES, 1930**



Each dot represents \$25,000; triangle represents values from \$10,000 to \$25,000; cross represents values of less than \$10,000.



## ACREAGE OF MISCELLANEOUS CROPS, 1930

| COUNTY      | CANTALOUPE, HONEY<br>DEW MELONS |             |        | Water-<br>melons | Pump-<br>kins<br>and<br>Squash | Onions | Farm<br>Garden |
|-------------|---------------------------------|-------------|--------|------------------|--------------------------------|--------|----------------|
|             | For<br>Market                   | For<br>Seed | Total  |                  |                                |        |                |
| Adams       | 105                             | ---         | 105    | 10               | 70                             | 102    | 1,350          |
| Alamosa     | ---                             | ---         | ---    | ---              | ---                            | ---    | ---            |
| Arapahoe    | ---                             | ---         | ---    | ---              | 5                              | 12     | 790            |
| Archuleta   | ---                             | ---         | ---    | ---              | ---                            | ---    | ---            |
| Baca        | ---                             | ---         | ---    | 15               | ---                            | ---    | 15             |
| Baca        | 1,290                           | 10          | 1,300  | 95               | ---                            | 260    | 140            |
| Boulder     | ---                             | ---         | ---    | ---              | 210                            | 2      | 30             |
| Chaffee     | ---                             | ---         | ---    | ---              | ---                            | ---    | 45             |
| Cheyenne    | ---                             | ---         | ---    | ---              | ---                            | ---    | 5              |
| Clear Creek | ---                             | ---         | ---    | ---              | ---                            | ---    | 5              |
| Conejos     | ---                             | ---         | ---    | ---              | ---                            | ---    | 30             |
| Costilla    | ---                             | ---         | ---    | ---              | ---                            | ---    | 15             |
| Crowley     | 4,360                           | 180         | 4,540  | 50               | 60                             | 245    | 60             |
| Custer      | ---                             | ---         | ---    | ---              | ---                            | ---    | 20             |
| Delta       | 45                              | ---         | 45     | 10               | 90                             | 720    | 310            |
| Denver      | ---                             | ---         | ---    | ---              | ---                            | ---    | ---            |
| Dolores     | ---                             | ---         | ---    | ---              | ---                            | ---    | 30             |
| Douglas     | ---                             | ---         | ---    | ---              | ---                            | ---    | 10             |
| Eagle       | ---                             | ---         | ---    | ---              | ---                            | ---    | 70             |
| Elbert      | ---                             | ---         | ---    | ---              | ---                            | ---    | 80             |
| El Paso     | ---                             | ---         | ---    | ---              | ---                            | ---    | 90             |
| Fremont     | 10                              | 130         | 140    | ---              | 990                            | 15     | 270            |
| Garfield    | ---                             | ---         | ---    | ---              | 10                             | 3      | 90             |
| Gilpin      | ---                             | ---         | ---    | ---              | ---                            | ---    | 5              |
| Grand       | ---                             | ---         | ---    | ---              | ---                            | ---    | 20             |
| Gunnison    | ---                             | ---         | ---    | ---              | ---                            | ---    | 40             |
| Hinsdale    | ---                             | ---         | ---    | ---              | ---                            | ---    | 10             |
| Huerfano    | ---                             | ---         | ---    | ---              | ---                            | ---    | 10             |
| Jackson     | ---                             | ---         | ---    | ---              | ---                            | ---    | ---            |
| Jefferson   | 10                              | ---         | 10     | ---              | 15                             | 27     | 820            |
| Kiowa       | ---                             | 15          | 15     | ---              | 15                             | ---    | 25             |
| Kit Carson  | ---                             | ---         | ---    | ---              | ---                            | ---    | 30             |
| Lake        | ---                             | ---         | ---    | ---              | ---                            | ---    | 10             |
| La Plata    | ---                             | ---         | ---    | ---              | ---                            | ---    | 15             |
| Larimer     | 5                               | ---         | 5      | 10               | 80                             | 6      | 195            |
| Las Animas  | 15                              | 40          | 55     | ---              | 10                             | 10     | 15             |
| Lincoln     | ---                             | ---         | ---    | ---              | ---                            | ---    | 20             |
| Logan       | 8                               | ---         | 8      | 15               | 5                              | 2      | 90             |
| Mesa        | 170                             | 75          | 245    | 25               | 130                            | 47     | 440            |
| Mineral     | ---                             | ---         | ---    | ---              | ---                            | ---    | 10             |
| Moffat      | ---                             | ---         | ---    | ---              | ---                            | ---    | 230            |
| Montezuma   | 15                              | ---         | 15     | 20               | ---                            | ---    | ---            |
| Montrose    | ---                             | ---         | ---    | ---              | ---                            | 1,430  | 70             |
| Morgan      | 7                               | ---         | 7      | 5                | ---                            | 2      | 40             |
| Otero       | 2,950                           | 1,720       | 4,670  | 130              | 70                             | 2,163  | 210            |
| Ouray       | ---                             | ---         | ---    | ---              | ---                            | ---    | 20             |
| Park        | ---                             | ---         | ---    | ---              | ---                            | ---    | 5              |
| Phillips    | ---                             | ---         | ---    | ---              | ---                            | ---    | 20             |
| Pitkin      | ---                             | ---         | ---    | ---              | ---                            | ---    | ---            |
| Prowers     | 5                               | ---         | 5      | ---              | ---                            | 3      | 20             |
| Pueblo      | 870                             | 230         | 1,100  | 110              | 200                            | 304    | 890            |
| Rio Blanco  | ---                             | ---         | ---    | ---              | ---                            | ---    | 15             |
| Rio Grande  | ---                             | ---         | ---    | ---              | ---                            | ---    | 30             |
| Routt       | ---                             | ---         | ---    | ---              | ---                            | ---    | 20             |
| Saguache    | ---                             | ---         | ---    | ---              | ---                            | ---    | 50             |
| San Juan    | ---                             | ---         | ---    | ---              | ---                            | ---    | ---            |
| San Miguel  | ---                             | ---         | ---    | ---              | ---                            | ---    | 15             |
| Sedgwick    | ---                             | ---         | ---    | 5                | ---                            | ---    | 20             |
| Summit      | ---                             | ---         | ---    | ---              | ---                            | ---    | 10             |
| Teller      | ---                             | ---         | ---    | ---              | ---                            | ---    | 25             |
| Washington  | ---                             | ---         | ---    | 20               | ---                            | ---    | 40             |
| Weld        | 135                             | ---         | 135    | 70               | 340                            | 247    | 1,040          |
| Yuma        | ---                             | ---         | ---    | 10               | ---                            | ---    | 20             |
| State       | 10,000                          | 2,400       | 12,400 | 600              | 2,300                          | 5,600  | 8,000          |

RANK OF COUNTIES IN THE PRODUCTION OF PRINCIPAL CROPS, 1930

| COUNTY      | Corn | All Wheat | Oats for Grain | Barley | Rye for Grain | Sorghums | Dry Beans | Potatoes | Sugar Beets | All Hay | All Fruits | Cantaloupes and Honeydews | Field Peas | Broom Corn | Lettuce | Onions |
|-------------|------|-----------|----------------|--------|---------------|----------|-----------|----------|-------------|---------|------------|---------------------------|------------|------------|---------|--------|
| Adams       | 17   | 8         | 29             | 12     | 14            | 16       | 5         | 36       | 6           | 27      | 10         | 8                         | --         | 10         | 11      | 8      |
| Alamosa     | --   | 32        | 14             | 30     | --            | --       | --        | 4        | 21          | 24      | --         | --                        | 5          | --         | --      | --     |
| Arapahoe    | 21   | 12        | 42             | 20     | 16            | 17       | 8         | 50       | 17          | 41      | 15         | --                        | --         | --         | 23      | 12     |
| Archuleta   | 38   | 42        | 41             | 47     | --            | --       | 39        | 39       | --          | 36      | 24         | --                        | --         | --         | --      | --     |
| Baca        | 13   | 7         | 60             | 36     | 15            | 1        | 17        | --       | --          | 57      | 29         | --                        | --         | 1          | --      | --     |
| Bent        | 16   | 29        | 36             | 15     | 31            | 11       | 22        | 53       | 11          | 14      | 18         | 3                         | 16         | 5          | --      | 5      |
| Boulder     | 24   | 13        | 11             | 10     | 28            | --       | 31        | 41       | 7           | 20      | 9          | --                        | --         | 10         | 22      | 16     |
| Chaffee     | 43   | 45        | 34             | 33     | 39            | --       | --        | 26       | 26          | 43      | 39         | --                        | 6          | --         | 4       | --     |
| Cheyenne    | 8    | 31        | 51             | 17     | 19            | 10       | 26        | 48       | --          | 53      | 36         | --                        | --         | 4          | --      | --     |
| Clear Creek | --   | --        | 58             | 60     | 46            | --       | --        | 51       | --          | 61      | --         | --                        | --         | --         | --      | --     |
| Conchos     | --   | 24        | 10             | 14     | --            | --       | 27        | 5        | 23          | 10      | --         | --                        | 4          | --         | 7       | --     |
| Costilla    | --   | 35        | 48             | 31     | --            | --       | 29        | 13       | 27          | 48      | --         | --                        | 2          | --         | 5       | --     |
| Crowley     | 23   | 50        | 37             | 21     | 42            | 22       | 13        | 52       | 12          | 33      | 17         | 2                         | --         | --         | --      | 7      |
| Custer      | 37   | 49        | 28             | 59     | 18            | 34       | --        | 9        | --          | 38      | 37         | --                        | 8          | --         | 12      | --     |
| Delta       | 27   | 27        | 38             | 27     | 44            | --       | 32        | 17       | 14          | 12      | 2          | 10                        | --         | --         | --      | 3      |
| Dolores     | 35   | 38        | 49             | 52     | 24            | 27       | 16        | 40       | --          | 59      | 14         | --                        | --         | --         | --      | --     |
| Douglas     | 25   | 34        | 15             | 35     | 13            | 24       | 19        | 47       | --          | 35      | 28         | --                        | --         | --         | --      | --     |
| Eagle       | --   | 40        | 30             | 48     | --            | --       | --        | 8        | --          | 32      | 32         | --                        | 13         | --         | 6       | --     |
| Elbert      | 15   | 18        | 13             | 23     | 9             | 15       | 2         | 27       | --          | 30      | 34         | --                        | --         | --         | --      | --     |
| El Paso     | 11   | 37        | 5              | 37     | 7             | 18       | 3         | 28       | 22          | 26      | 19         | --                        | --         | --         | 21      | --     |
| Fremont     | 31   | 48        | 40             | 45     | 26            | 33       | 38        | 34       | 24          | 42      | 4          | 6                         | 14         | 12         | 13      | 11     |
| Garfield    | 34   | 22        | 25             | 25     | 21            | --       | 37        | 7        | 13          | 5       | 6          | --                        | --         | --         | 14      | 15     |
| Gilpin      | --   | 56        | 53             | 59     | 44            | --       | --        | 45       | --          | 60      | --         | --                        | --         | --         | 17      | --     |
| Grand       | --   | 52        | 44             | 43     | 33            | --       | --        | 42       | --          | 31      | --         | --                        | --         | --         | 3       | --     |
| Gunnison    | --   | 51        | 50             | 50     | 45            | --       | --        | 32       | --          | 15      | --         | --                        | 16         | --         | --      | --     |
| Hinsdale    | --   | --        | 54             | 57     | --            | --       | --        | 49       | --          | 56      | --         | --                        | --         | --         | --      | --     |
| Huerfano    | 30   | 39        | 35             | 44     | 38            | 23       | 23        | 38       | 25          | 39      | 21         | --                        | 9          | --         | 16      | --     |
| Jackson     | --   | --        | 56             | 58     | 39            | --       | --        | 44       | --          | 6       | --         | --                        | --         | --         | --      | --     |
| Jefferson   | 28   | 14        | 16             | 19     | 23            | 31       | 33        | 24       | 19          | 25      | 5          | 12                        | --         | 11         | 9       | 10     |
| Kiowa       | 10   | 47        | 59             | 34     | 34            | 4        | 34        | 55       | --          | 55      | 35         | 11                        | --         | 3          | --      | --     |
| Kit Carson  | 3    | 9         | 20             | 3      | 6             | 2        | 18        | 31       | --          | 46      | 38         | --                        | --         | 8          | --      | --     |
| Lake        | --   | --        | --             | --     | --            | --       | --        | --       | --          | 54      | --         | --                        | --         | --         | --      | --     |
| La Plata    | 33   | 19        | 9              | 28     | 41            | 28       | 24        | 19       | --          | 18      | 7          | --                        | 16         | --         | --      | --     |
| Larimer     | 22   | 10        | 4              | 5      | 20            | 30       | 25        | 22       | 3           | 2       | 3          | 15                        | --         | 10         | --      | 14     |
| Las Animas  | 26   | 36        | 43             | 41     | 36            | 14       | 11        | --       | 20          | 28      | 30         | 9                         | 7          | 6          | 10      | 13     |
| Lincoln     | 6    | 15        | 47             | 13     | 11            | 8        | 4         | 30       | --          | 37      | 33         | --                        | --         | 7          | --      | --     |
| Logan       | 4    | 4         | 3              | 2      | 2             | 7        | 12        | 16       | 4           | 9       | 23         | 13                        | --         | 9          | --      | 16     |
| Mesa        | 19   | 23        | 19             | 32     | 22            | 25       | 9         | 11       | 18          | 8       | 1          | 5                         | --         | --         | 20      | 9      |
| Mineral     | --   | --        | 57             | 54     | --            | --       | --        | --       | --          | 58      | --         | --                        | --         | --         | 15      | --     |
| Moffat      | 36   | 25        | 24             | 38     | 5             | 29       | 40        | 23       | --          | 21      | 31         | --                        | 15         | --         | --      | --     |
| Montezuma   | 32   | 21        | 12             | 40     | 40            | 26       | 15        | 20       | --          | 23      | 11         | 11                        | --         | --         | --      | --     |
| Montrose    | 29   | 17        | 7              | 24     | 35            | --       | 21        | 6        | 15          | 7       | 8          | --                        | 16         | --         | --      | 2      |
| Morgan      | 9    | 11        | 18             | 6      | 10            | 13       | 6         | 10       | 2           | 13      | 26         | 14                        | --         | 12         | 23      | 16     |
| Otero       | 20   | 30        | 21             | 18     | 43            | 21       | 14        | --       | 5           | 19      | 16         | 1                         | --         | 11         | 24      | 1      |
| Ouray       | 39   | 41        | 45             | 46     | 37            | --       | --        | 33       | --          | 47      | --         | --                        | --         | --         | --      | --     |
| Park        | --   | 54        | 52             | 51     | 18            | --       | --        | 14       | --          | 34      | --         | --                        | 10         | --         | 19      | --     |
| Phillips    | 7    | 3         | 6              | 7      | 8             | 12       | 28        | 35       | --          | 52      | 36         | --                        | --         | --         | --      | --     |
| Pitkin      | --   | 46        | 31             | 55     | 17            | --       | --        | 15       | --          | 49      | 39         | --                        | --         | --         | --      | --     |
| Prowers     | 12   | 16        | 33             | 11     | 32            | 6        | 30        | --       | 9           | 3       | 20         | 15                        | 11         | 2          | --      | 15     |
| Pueblo      | 18   | 20        | 32             | 26     | 30            | 19       | 7         | 54       | 8           | 22      | 13         | 4                         | --         | --         | 22      | 4      |
| Rio Blanco  | --   | 28        | 26             | 49     | 25            | --       | --        | 43       | --          | 17      | 36         | --                        | --         | --         | --      | --     |
| Rio Grande  | --   | 33        | 8              | 16     | --            | --       | --        | 2        | 28          | 16      | --         | --                        | 1          | --         | 2       | --     |
| Routt       | 41   | 26        | 2              | 22     | 27            | 31       | --        | 18       | --          | 11      | 27         | --                        | 12         | --         | 1       | --     |
| Saguache    | --   | 43        | 23             | 29     | --            | --       | --        | 3        | --          | 4       | --         | --                        | 3          | --         | 18      | --     |
| San Miguel  | 40   | 44        | 39             | 42     | 29            | 32       | 35        | 37       | --          | 44      | 38         | --                        | --         | --         | 22      | --     |
| Sedgewick   | 14   | 5         | 17             | 9      | 12            | 20       | 36        | 21       | 10          | 45      | 39         | --                        | --         | --         | --      | --     |
| Summit      | --   | 53        | 55             | 56     | 41            | --       | --        | 46       | --          | 51      | --         | --                        | --         | --         | --      | --     |
| Teller      | 42   | 55        | 46             | 53     | 31            | --       | --        | 12       | --          | 50      | --         | --                        | --         | --         | 8       | --     |
| Washington  | 2    | 6         | 27             | 4      | 3             | 5        | 10        | 29       | 16          | 29      | 25         | --                        | --         | --         | --      | --     |
| Weld        | 5    | 1         | 1              | 1      | 4             | 9        | 1         | 1        | 1           | 1       | 12         | 7                         | --         | 9          | 19      | 6      |
| Yuma        | 1    | 2         | 22             | 8      | 1             | 3        | 20        | 25       | --          | 40      | 22         | --                        | --         | --         | --      | --     |

NOTE—Denver and San Juan are omitted as no agricultural statistics are collected for those counties.



## CARLOT SHIPMENTS OF COLORADO FRUITS AND VEGETABLES

| CROP OF                    | 1930   | 1929   | 1928   | 1927   | 1926   | 1925   | 1924   | 1923   | 1922   | 1921   | 1920   |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Fruits</b>              |        |        |        |        |        |        |        |        |        |        |        |
| Apples -----               | 1,072  | 2,322  | 2,804  | 2,228  | 2,877  | 3,193  | 2,404  | 2,718  | 3,385  | 3,882  | 3,063  |
| Peaches -----              | 1,369  | 1,765  | 1,117  | 1,709  | 1,271  | 824    | 1,772  | 1,254  | 1,423  | 1,223  | 1,091  |
| Pears -----                | 247    | 1,097  | 264    | 737    | 750    | 717    | 955    | 696    | 774    | 745    | 654    |
| Mixed Deciduous Fruits     | 24     | 34     | 22     | 37     | 44     | 26     | 62     | 60     | 99     | ---    | ---    |
| <b>Vegetables</b>          |        |        |        |        |        |        |        |        |        |        |        |
| Potatoes -----             | 17,962 | 15,366 | 13,714 | 17,328 | 14,200 | 15,422 | 12,386 | 13,870 | 15,467 | 17,697 | 11,229 |
| Cabbage -----              | 1,158  | 810    | 1,162  | 683    | 1,274  | 1,432  | 1,473  | 3,174  | 1,964  | 2,523  | 1,832  |
| Celery -----               | 136    | 149    | 188    | 161    | 211    | 399    | 197    | 125    | 222    | 211    | 305    |
| Onions -----               | 2,117  | 4,042  | 2,244  | 1,460  | 1,758  | 1,809  | 1,064  | 928    | 651    | 447    | 150    |
| Lettuce -----              | 1,610  | 2,109  | 2,368  | 2,848  | 2,795  | 3,096  | 1,036  | 1,436  | 812    | 234    | 129    |
| Mixed Vegetables -----     | 4,207  | 4,079  | 3,780  | 3,444  | 3,473  | 4,111  | 3,428  | 2,880  | 2,178  | 1,042  | 1,351  |
| Cauliflower -----          | 1,296  | 1,500  | 843    | 411    | 220    | 191    | 61     | 101    | 4      | 3      | ---    |
| Cantaloupes -----          | 2,758  | 3,105  | 2,110  | 2,993  | 3,574  | 3,224  | 2,654  | 2,195  | 4,420  | 3,288  | 2,482  |
| Watermelons -----          | 90     | 31     | 35     | 34     | 71     | 80     | 56     | 55     | 148    | 149    | 67     |
| Miscellaneous Melons ----- | 1,834  | 1,469  | 679    | 985    | 1,534  | 613    | 575    | 111    | ---    | ---    | ---    |
| Dry Beans -----            | 3,634  | 2,347  | 1,575  | 1,710  | 1,866  | 2,927  | 1,316  | 1,732  | 427    | 486    | 333    |
| Peas, Green -----          | 463    | 459    | 348    | 149    | 58     | 35     | ---    | ---    | ---    | ---    | ---    |
| Carrots -----              | 60     | 78     | 216    | 10     | 62     | 29     | 26     | 12     | 4      | 9      | 1      |
| Spinach -----              | 28     | 67     | 6      | 8      | 6      | 14     | 3      | ---    | ---    | ---    | ---    |
| Tomatoes -----             | 141    | 55     | 59     | 20     | 27     | 195    | 77     | 128    | 94     | 38     | 135    |
| Beans, String -----        | 164    | 55     | 3      | 5      | 1      | 5      | ---    | ---    | ---    | ---    | ---    |

Note—Shipments of 1930 crops of dry beans cover period from September 1, 1930, to March 31, 1931, and potato shipments cover period from July 1, 1930 to March 31, 1931.

COLORADO'S BEAN SHIPMENTS, CAR LOTS, CROP YEAR BASIS—SEPT. 1 TO AUG. 31  
CROP OF

| COUNTY               | *1930  | 1929   | 1928   | 1927   | 1926   | 1925   | 1924   |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| Adams -----          | 65     | 27     | 20     | 23     | 23     | 18     | 10     |
| Arapahoe -----       | 395    | 196    | 81     | 155    | 103    | 158    | 67     |
| **Baca -----         | 69     | 74     | ---    | ---    | ---    | ---    | ---    |
| Crowley -----        | 36     | 38     | 48     | 32     | 11     | 40     | 3      |
| El Paso -----        | 408    | 306    | 262    | 315    | 255    | 427    | 210    |
| Elbert -----         | 512    | 227    | 147    | 138    | 117    | 255    | 183    |
| **Kit Carson -----   | 26     | 21     | ---    | ---    | ---    | ---    | ---    |
| Las Animas -----     | 82     | 100    | 37     | 14     | 37     | 17     | 20     |
| Lincoln -----        | 199    | 105    | 114    | 99     | 51     | 87     | 58     |
| Logan -----          | 24     | 37     | 13     | 16     | 20     | 37     | 17     |
| Mesa -----           | 110    | 119    | 116    | 68     | 30     | 23     | 4      |
| **Montezuma -----    | 117    | 83     | ---    | ---    | ---    | ---    | ---    |
| Morgan -----         | 383    | 179    | 146    | 223    | 180    | 309    | 136    |
| Otero -----          | 157    | 131    | 119    | 172    | 133    | 98     | 35     |
| Pueblo -----         | 126    | 106    | 20     | 84     | 49     | 79     | 21     |
| **Washington -----   | 36     | 30     | ---    | ---    | ---    | ---    | ---    |
| Weld -----           | 843    | 501    | 394    | 344    | 827    | 1,336  | 530    |
| **Yuma -----         | 24     | 38     | ---    | ---    | ---    | ---    | ---    |
| Other Counties ----- | 22     | 29     | 58     | 27     | 30     | 43     | 22     |
| Total Colorado ----- | 3,634  | 2,347  | 1,575  | 1,710  | 1,866  | 2,927  | 1,316  |
| United States -----  | 14,335 | 18,422 | 15,003 | 13,643 | 17,086 | 19,725 | 14,924 |

\*1930 crop shipments only to March 31, 1931.

\*\*Shipments previous to 1929 crop included in "other counties."

NUMBER AND SIZE OF FARMS AND FARM TENURE, 1930

| COUNTY      | No. of Farms | Average No. of Acres Per Farm | Total Farm Acreage | Owners | Renters | Home-<br>steaders | Owners and<br>Renters |
|-------------|--------------|-------------------------------|--------------------|--------|---------|-------------------|-----------------------|
| Adams       | 1,395        | 298.83                        | 416,870            | 694    | 515     | ---               | 186                   |
| Alamosa     | 360          | 275.83                        | 99,300             | 236    | 113     | ---               | 11                    |
| Arapahoe    | 675          | 393.89                        | 265,880            | 304    | 273     | ---               | 98                    |
| Archuleta   | 280          | 429.29                        | 120,200            | 214    | 57      | ---               | 9                     |
| Baca        | 1,100        | 678.00                        | 745,800            | 361    | 348     | 3                 | 388                   |
| Bent        | 760          | 336.75                        | 255,930            | 302    | 349     | 11                | 98                    |
| Boulder     | 980          | 141.88                        | 139,040            | 520    | 436     | ---               | 24                    |
| Chaffee     | 200          | 255.50                        | 51,100             | 150    | 50      | ---               | ---                   |
| Cheyenne    | 400          | 675.63                        | 270,250            | 182    | 174     | ---               | 44                    |
| Clear Creek | 28           | 277.86                        | 7,780              | 21     | 6       | 1                 | ---                   |
| Conejos     | 650          | 174.97                        | 113,730            | 592    | 58      | ---               | ---                   |
| Costilla    | 330          | 121.70                        | 40,160             | 177    | 94      | ---               | 59                    |
| Crowley     | 550          | 196.36                        | 107,450            | 163    | 302     | 2                 | 83                    |
| Custer      | 310          | 603.68                        | 187,110            | 233    | 68      | 4                 | 5                     |
| Delta       | 1,440        | 100.26                        | 144,370            | 960    | 389     | 8                 | 83                    |
| Denver*     | ---          | ---                           | ---                | ---    | ---     | ---               | ---                   |
| Dolores     | 145          | 414.62                        | 60,120             | 113    | 17      | 9                 | 6                     |
| Douglas     | 375          | 703.81                        | 263,930            | 195    | 148     | ---               | 32                    |
| Eagle       | 370          | 285.92                        | 105,790            | 325    | 37      | 6                 | 2                     |
| Elbert      | 1,070        | 683.43                        | 731,270            | 590    | 356     | ---               | 124                   |
| El Paso     | 940          | 670.70                        | 630,460            | 499    | 369     | ---               | 72                    |
| Fremont     | 890          | 172.01                        | 153,090            | 671    | 134     | 4                 | 81                    |
| Garfield    | 790          | 213.04                        | 168,300            | 531    | 225     | 2                 | 32                    |
| Gilpin      | 30           | 343.00                        | 10,290             | 21     | 8       | 1                 | ---                   |
| Grand       | 220          | 776.32                        | 170,790            | 190    | 30      | ---               | ---                   |
| Gunnison    | 310          | 494.52                        | 153,300            | 255    | 36      | 6                 | 13                    |
| Hinsdale    | 30           | 311.00                        | 9,330              | 25     | 3       | ---               | 2                     |
| Huerfano    | 490          | 470.12                        | 230,360            | 427    | 48      | 12                | 3                     |
| Jackson     | 222          | 1,290.72                      | 285,540            | 202    | 16      | ---               | 4                     |
| Jefferson   | 1,390        | 141.42                        | 196,580            | 895    | 350     | ---               | 145                   |
| Kiowa       | 480          | 523.90                        | 251,470            | 227    | 174     | ---               | 79                    |
| Kit Carson  | 1,360        | 545.59                        | 742,000            | 448    | 599     | ---               | 313                   |
| Lake        | 27           | 514.81                        | 13,900             | 22     | 5       | ---               | ---                   |
| La Plata    | 775          | 282.09                        | 218,620            | 482    | 218     | 2                 | 73                    |
| Larimer     | 1,440        | 229.00                        | 329,760            | 730    | 634     | 1                 | 75                    |
| Las Animas  | 870          | 309.08                        | 268,900            | 599    | 191     | ---               | 80                    |
| Lincoln     | 1,025        | 542.51                        | 556,070            | 463    | 374     | 1                 | 187                   |
| Logan       | 1,935        | 384.57                        | 744,140            | 612    | 1,002   | 4                 | 317                   |
| Mesa        | 2,560        | 54.90                         | 140,540            | 1,933  | 556     | 5                 | 66                    |
| Mineral     | 30           | 650.00                        | 19,500             | 27     | 3       | ---               | ---                   |
| Moffat      | 700          | 477.86                        | 334,500            | 525    | 88      | 53                | 34                    |
| Montezuma   | 510          | 215.04                        | 109,670            | 333    | 119     | 2                 | 56                    |
| Montrose    | 1,020        | 146.41                        | 149,340            | 589    | 370     | ---               | 61                    |
| Morgan      | 1,395        | 339.89                        | 474,150            | 561    | 688     | 1                 | 145                   |
| Otero       | 1,040        | 141.38                        | 147,040            | 475    | 472     | 1                 | 92                    |
| Puray       | 150          | 255.20                        | 38,280             | 108    | 41      | ---               | 1                     |
| Park        | 220          | 1,066.36                      | 234,600            | 160    | 39      | 20                | 1                     |
| Phillips    | 670          | 514.97                        | 345,030            | 125    | 307     | ---               | 238                   |
| Pitkin      | 135          | 390.74                        | 52,750             | 120    | 15      | ---               | ---                   |
| Prowers     | 1,080        | 327.20                        | 353,380            | 462    | 518     | ---               | 100                   |
| Pueblo      | 1,190        | 405.76                        | 482,860            | 641    | 376     | 1                 | 172                   |
| Rio Blanco  | 350          | 649.49                        | 227,320            | 343    | 7       | ---               | ---                   |
| Rio Grande  | 430          | 277.07                        | 119,140            | 365    | 65      | ---               | ---                   |
| Salt        | 640          | 407.47                        | 260,780            | 520    | 99      | 12                | 9                     |
| Saguache    | 350          | 397.60                        | 139,160            | 222    | 104     | ---               | 24                    |
| San Juan    | ---          | ---                           | ---                | ---    | ---     | ---               | ---                   |
| San Miguel  | 230          | 598.13                        | 137,570            | 190    | 21      | 9                 | 10                    |
| Sedgewick   | 520          | 295.65                        | 153,740            | 179    | 236     | ---               | 105                   |
| Summit      | 66           | 377.27                        | 24,900             | 61     | 5       | ---               | ---                   |
| Teller      | 190          | 523.79                        | 99,520             | 132    | 54      | 2                 | 2                     |
| Washington  | 1,440        | 643.19                        | 926,190            | 335    | 577     | ---               | 528                   |
| Weld        | 4,460        | 260.25                        | 1,160,700          | 1,560  | 2,438   | 2                 | 460                   |
| Windsor     | 1,595        | 609.26                        | 971,770            | 695    | 577     | ---               | 323                   |
| State       | 45,613       | 358.72                        | 16,362,410         | 24,292 | 15,981  | 185               | 5,155                 |

\*No farm reports are taken by the assessor of the City and County of Denver. Its farms are allotted by the Crop Reporting Service to neighboring counties on the best authority available.

NOTE—See text at the beginning of this chapter for an explanation of the seeming discrepancies between the number shown in this table, by the Co-Operative Crop Reporting Service, and the total shown by the federal Census Bureau on the following page.



**NUMBER OF FARMS BY COUNTIES, 1930, 1925, 1920**  
(Census Reports)

| COUNTY      | Number of Farms |                |                | *Increase<br>1925-1930 |             | *Increase<br>1920-1930 |             |
|-------------|-----------------|----------------|----------------|------------------------|-------------|------------------------|-------------|
|             | 1930<br>April 1 | 1925<br>Jan. 1 | 1920<br>Jan. 1 | Number                 | Per<br>Cent | Number                 | Per<br>Cent |
| Adams       | 1,912           | 1,873          | 1,753          | 39                     | 2.1         | 159                    | 9.1         |
| Alamosa     | 531             | 300            | 302            | 231                    | 77.0        | 229                    | 75.8        |
| Arapahoe    | 1,225           | 1,174          | 1,025          | 51                     | 4.3         | 200                    | 19.5        |
| Archuleta   | 389             | 329            | 420            | 60                     | 18.2        | -31                    | -7.4        |
| Baca        | 1,750           | 1,706          | 1,858          | 44                     | 2.6         | -108                   | -5.8        |
| Bent        | 882             | 900            | 1,056          | -18                    | -2.0        | -174                   | -16.5       |
| Boulder     | 1,473           | 1,492          | 1,420          | -19                    | -1.3        | 53                     | 3.7         |
| Chaffee     | 307             | 247            | 326            | 60                     | 24.3        | -19                    | -5.8        |
| Cheyenne    | 625             | 625            | 674            | ---                    | ---         | -49                    | -7.3        |
| Clear Creek | 34              | 16             | 27             | 18                     | 112.5       | 7                      | 25.9        |
| Conejos     | 1,467           | 680            | 814            | 787                    | 115.7       | 653                    | 80.2        |
| Costilla    | 648             | 329            | 443            | 319                    | 97.0        | 205                    | 46.3        |
| Crowley     | 626             | 622            | 743            | 4                      | 0.6         | -117                   | -15.7       |
| Custer      | 406             | 367            | 353            | 39                     | 10.6        | 53                     | 15.0        |
| Delta       | 1,744           | 1,636          | 1,707          | 108                    | 6.6         | 37                     | 2.2         |
| Denver      | 257             | 307            | 239            | -50                    | -16.3       | 18                     | 7.5         |
| Dolores     | 194             | 177            | 186            | 17                     | 9.6         | 8                      | 4.3         |
| Douglas     | 438             | 401            | 462            | 37                     | 9.2         | -24                    | -5.2        |
| Eagle       | 374             | 350            | 301            | 24                     | 6.9         | 73                     | 24.3        |
| Elbert      | 1,241           | 1,281          | 1,308          | -40                    | -3.1        | -67                    | -5.1        |
| El Paso     | 1,463           | 1,580          | 1,571          | -117                   | -7.4        | -108                   | -6.9        |
| Fremont     | 1,270           | 1,127          | 1,014          | 143                    | 12.7        | 256                    | 25.2        |
| Garfield    | 1,015           | 928            | 930            | 87                     | 9.4         | 85                     | 9.1         |
| Gilpin      | 34              | 47             | 41             | -13                    | -27.7       | -7                     | -17.1       |
| Grand       | 229             | 269            | 265            | -40                    | -14.9       | -36                    | -13.6       |
| Gunnison    | 370             | 358            | 376            | 12                     | 3.4         | -6                     | -1.6        |
| Hinsdale    | 44              | 38             | 40             | 6                      | 15.8        | 4                      | 10.0        |
| Huerfano    | 760             | 1,003          | 954            | -243                   | -24.2       | -194                   | -20.3       |
| Jackson     | 203             | 156            | 182            | 47                     | 30.1        | 21                     | 11.5        |
| Jefferson   | 1,817           | 1,951          | 1,446          | -134                   | -6.9        | 371                    | 25.7        |
| Kiowa       | 579             | 692            | 668            | -113                   | -16.3       | -89                    | -13.3       |
| Kit Carson  | 1,630           | 1,500          | 1,461          | 130                    | 8.7         | 169                    | 11.6        |
| Lake        | 44              | 27             | 30             | 17                     | 63.0        | 14                     | 46.7        |
| La Plata    | 1,161           | 973            | 1,069          | 188                    | 19.3        | 92                     | 8.6         |
| Larimer     | 1,838           | 1,816          | 1,921          | 22                     | 1.2         | -83                    | -4.3        |
| Las Animas  | 1,758           | 1,943          | 2,286          | -185                   | -9.5        | -528                   | -23.1       |
| Lincoln     | 1,232           | 1,279          | 1,385          | -47                    | -3.7        | -153                   | -11.0       |
| Logan       | 1,845           | 1,916          | 1,874          | -71                    | -3.7        | -29                    | -1.5        |
| Mesa        | 2,665           | 2,199          | 2,207          | 466                    | 21.2        | 458                    | 20.8        |
| Mineral     | 50              | 27             | 34             | 23                     | 85.2        | 16                     | 47.1        |
| Moffat      | 797             | 712            | 1,023          | 85                     | 11.9        | -226                   | -22.1       |
| Montezuma   | 578             | 728            | 904            | 250                    | 34.3        | 74                     | 8.2         |
| Montrose    | 1,318           | 1,423          | 1,368          | -105                   | -7.4        | -50                    | -3.7        |
| Morgan      | 1,569           | 1,692          | 1,720          | -123                   | -7.3        | -151                   | -8.8        |
| Otero       | 1,298           | 1,419          | 1,486          | -121                   | -8.5        | -188                   | -12.7       |
| Ouray       | 178             | 162            | 180            | 16                     | 9.9         | -2                     | -1.1        |
| Park        | 394             | 219            | 286            | 175                    | 79.9        | 108                    | 37.8        |
| Phillips    | 766             | 843            | 680            | -77                    | -9.1        | 86                     | 12.6        |
| Pitkin      | 180             | 166            | 179            | 14                     | 8.4         | 1                      | 0.6         |
| Prowers     | 1,382           | 1,194          | 1,469          | 188                    | 15.7        | -87                    | -5.9        |
| Pueblo      | 1,473           | 1,534          | 1,826          | -61                    | -4.0        | -353                   | -19.3       |
| Rio Blanco  | 433             | 422            | 537            | 11                     | 2.6         | -104                   | -19.4       |
| Rio Grande  | 730             | 535            | 603            | 195                    | 36.4        | 127                    | 21.1        |
| Routt       | 928             | 834            | 926            | 94                     | 11.3        | 2                      | 0.2         |
| Saguache    | 557             | 346            | 432            | 211                    | 61.0        | 125                    | 28.9        |
| San Juan    | **              | **             | **             | ---                    | ---         | ---                    | ---         |
| San Miguel  | 263             | 366            | 334            | -103                   | -28.1       | -71                    | -21.3       |
| Sedgwick    | 560             | 632            | 487            | -72                    | -11.4       | 73                     | 15.0        |
| Summit      | 61              | 69             | 72             | -8                     | -11.6       | -11                    | -15.3       |
| Teller      | 238             | 186            | 250            | 52                     | 28.0        | -12                    | -4.8        |
| Washington  | 1,753           | 1,984          | 2,057          | -231                   | -11.6       | -304                   | -14.8       |
| Weld        | 5,457           | 5,610          | 5,765          | -153                   | -2.7        | -308                   | -5.3        |
| Yuma        | 2,113           | 2,303          | 2,179          | -190                   | -8.3        | -66                    | -3.0        |
| State       | 59,956          | 58,020         | 59,934         | 1,936                  | 3.3         | 22                     | 0.04        |

\*A minus sign (—) denotes a decrease.

\*\*No farms reported.

The figures for 1930 are preliminary and subject to correction.

La Plata county includes two San Juan county farms.

NUMBER OF FARMS AND FARM ACREAGE, BY COUNTIES, 1930  
(Compiled from Census Reports)

| COUNTY           | Number of farms April 1, 1930 | All Land in Farms (Acres) | Crop Land               |                      |                        | Pasture Land (Acres) | Woodland Not Used for Pasture (Acres) | All Other Land in Farms (Acres) |
|------------------|-------------------------------|---------------------------|-------------------------|----------------------|------------------------|----------------------|---------------------------------------|---------------------------------|
|                  |                               |                           | Crops Harvested (Acres) | Crop Failure (Acres) | Idle or Fallow (Acres) |                      |                                       |                                 |
| Adams-----       | 1,912                         | 557,561                   | 220,918                 | 30,074               | 54,987                 | 225,330              | 386                                   | 25,866                          |
| Alamosa-----     | 531                           | 225,192                   | 59,476                  | 1,617                | 5,274                  | 151,591              | 131                                   | 7,103                           |
| Arapahoe-----    | 1,225                         | 459,673                   | 154,367                 | 9,066                | 14,238                 | 269,875              | 406                                   | 11,721                          |
| Archuleta-----   | 389                           | 163,442                   | 21,416                  | 614                  | 2,819                  | 127,841              | 1,478                                 | 9,274                           |
| Baca-----        | 1,750                         | 1,126,576                 | 276,792                 | 20,969               | 99,002                 | 698,948              | 753                                   | 30,112                          |
| Bent-----        | 882                           | 540,938                   | 87,492                  | 4,200                | 6,872                  | 435,701              | 373                                   | 6,300                           |
| Boulder-----     | 1,473                         | 203,313                   | 84,531                  | 3,656                | 7,541                  | 98,065               | 697                                   | 8,823                           |
| Chaffee-----     | 307                           | 74,023                    | 19,004                  | 417                  | 1,915                  | 47,096               | 948                                   | 4,643                           |
| Cheyenne-----    | 625                           | 494,428                   | 128,309                 | 28,828               | 17,380                 | 309,369              | 183                                   | 10,359                          |
| Clear Creek----- | 34                            | 14,454                    | 884                     | 20                   | 176                    | 11,533               | 1,528                                 | 313                             |
| Conejos-----     | 1,467                         | 252,552                   | 93,448                  | 1,413                | 12,190                 | 133,320              | 357                                   | 11,824                          |
| Costilla-----    | 648                           | 349,527                   | 33,279                  | 2,817                | 8,198                  | 296,960              | 2,024                                 | 6,249                           |
| Crowley-----     | 626                           | 328,113                   | 49,126                  | 9,254                | 4,236                  | 261,040              | 83                                    | 4,374                           |
| Custer-----      | 406                           | 260,169                   | 25,209                  | 2,131                | 5,177                  | 221,120              | 3,303                                 | 3,229                           |
| Delta-----       | 1,744                         | 187,965                   | 60,218                  | 1,648                | 4,589                  | 62,103               | 2,199                                 | 57,208                          |
| Denver-----      | 257                           | 3,789                     | 1,857                   | 390                  | 551                    | 609                  | 2                                     | 380                             |
| Dolores-----     | 194                           | 71,455                    | 9,310                   | 1,417                | 4,770                  | 33,416               | 3,523                                 | 19,019                          |
| Douglas-----     | 438                           | 347,283                   | 51,607                  | 5,287                | 4,518                  | 278,415              | 1,677                                 | 5,779                           |
| Eagle-----       | 374                           | 170,616                   | 29,706                  | 430                  | 2,336                  | 125,706              | 2,169                                 | 10,269                          |
| Elbert-----      | 1,241                         | 966,899                   | 200,154                 | 31,948               | 16,498                 | 695,306              | 4,330                                 | 18,663                          |
| El Paso-----     | 1,463                         | 1,071,111                 | 172,117                 | 18,900               | 17,410                 | 832,236              | 2,331                                 | 28,117                          |
| Fremont-----     | 1,270                         | 366,717                   | 23,388                  | 2,137                | 3,206                  | 325,738              | 950                                   | 11,298                          |
| Garfield-----    | 1,015                         | 251,791                   | 61,118                  | 1,233                | 3,301                  | 160,520              | 3,602                                 | 22,017                          |
| Gilpin-----      | 84                            | 14,374                    | 1,287                   | 115                  | 3                      | 11,587               | 1,167                                 | 215                             |
| Grand-----       | 229                           | 212,341                   | 28,692                  | 537                  | 1,891                  | 170,372              | 4,496                                 | 6,353                           |
| Gunnison-----    | 370                           | 215,849                   | 46,100                  | 511                  | 1,666                  | 149,416              | 2,149                                 | 16,007                          |
| Hinsdale-----    | 44                            | 18,142                    | 3,564                   | 75                   | 764                    | 12,695               | 145                                   | 899                             |
| Huerfano-----    | 760                           | 495,851                   | 38,524                  | 4,592                | 8,441                  | 424,601              | 6,425                                 | 13,268                          |
| Jackson-----     | 203                           | 321,277                   | 89,876                  | 230                  | 258                    | 227,200              | 1,220                                 | 2,493                           |
| Jefferson-----   | 1,817                         | 259,690                   | 54,328                  | 2,564                | 6,931                  | 174,987              | 7,939                                 | 12,941                          |
| Kiowa-----       | 579                           | 461,829                   | 90,329                  | 9,548                | 15,277                 | 338,699              | ---                                   | 7,976                           |
| Kit Carson-----  | 1,630                         | 969,104                   | 348,842                 | 117,390              | 37,286                 | 437,538              | 1,998                                 | 26,050                          |
| Lake-----        | 44                            | 20,681                    | 5,162                   | 122                  | 5                      | 13,723               | 510                                   | 1,159                           |
| La Plata-----    | 1,161                         | 359,127                   | 57,100                  | 3,719                | 8,567                  | 257,769              | 6,999                                 | 24,973                          |
| Larimer-----     | 1,838                         | 698,304                   | 148,159                 | 8,283                | 24,330                 | 486,427              | 1,046                                 | 30,059                          |
| Las Animas-----  | 1,758                         | 1,927,923                 | 96,633                  | 11,061               | 22,067                 | 1,775,168            | 4,088                                 | 18,906                          |
| Lincoln-----     | 1,232                         | 1,195,717                 | 266,824                 | 55,121               | 33,599                 | 812,135              | 1,618                                 | 26,420                          |
| Logan-----       | 1,845                         | 961,377                   | 371,372                 | 79,557               | 28,990                 | 451,512              | 1,906                                 | 28,040                          |
| Mesa-----        | 2,665                         | 345,098                   | 77,639                  | 1,990                | 8,295                  | 225,988              | 889                                   | 30,297                          |
| Mineral-----     | 50                            | 25,511                    | 2,895                   | 312                  | 539                    | 19,786               | 772                                   | 1,207                           |
| Moffat-----      | 797                           | 642,257                   | 50,992                  | 2,216                | 15,647                 | 559,602              | 2,158                                 | 11,642                          |
| Montezuma-----   | 978                           | 285,730                   | 48,116                  | 2,984                | 7,971                  | 167,924              | 11,901                                | 46,834                          |
| Montrose-----    | 1,318                         | 231,065                   | 67,018                  | 1,396                | 4,152                  | 109,794              | 883                                   | 47,822                          |
| Morgan-----      | 1,569                         | 632,615                   | 235,876                 | 22,325               | 10,767                 | 339,282              | 1,776                                 | 22,589                          |
| Otero-----       | 1,298                         | 467,846                   | 73,665                  | 4,235                | 6,046                  | 362,536              | 516                                   | 20,848                          |
| Ouray-----       | 178                           | 100,925                   | 14,401                  | 73                   | 1,120                  | 77,177               | 424                                   | 7,730                           |
| Park-----        | 394                           | 535,826                   | 43,577                  | 1,444                | 2,906                  | 477,823              | 3,741                                 | 6,335                           |
| Phillips-----    | 766                           | 390,370                   | 253,517                 | 15,961               | 16,313                 | 94,832               | 328                                   | 9,429                           |
| Pitkin-----      | 180                           | 59,888                    | 13,526                  | 131                  | 721                    | 40,085               | 324                                   | 5,101                           |
| Prowers-----     | 1,382                         | 564,644                   | 167,004                 | 9,637                | 20,518                 | 356,998              | 276                                   | 10,211                          |
| Pueblo-----      | 1,473                         | 1,245,441                 | 98,746                  | 16,533               | 19,991                 | 1,088,192            | 1,634                                 | 20,345                          |
| Rio Blanco-----  | 433                           | 336,640                   | 43,891                  | 932                  | 5,663                  | 277,933              | 1,692                                 | 6,529                           |
| Rio Grande-----  | 730                           | 202,094                   | 95,974                  | 1,875                | 6,539                  | 87,490               | 661                                   | 9,555                           |
| Routt-----       | 928                           | 527,847                   | 80,276                  | 1,799                | 9,814                  | 420,757              | 3,432                                 | 11,769                          |
| Saguache-----    | 557                           | 454,726                   | 100,443                 | 3,499                | 5,266                  | 331,059              | 1,591                                 | 12,868                          |
| San Juan-----    | ---                           | ---                       | ---                     | ---                  | ---                    | ---                  | ---                                   | ---                             |
| San Miguel-----  | 263                           | 171,070                   | 12,438                  | 793                  | 2,913                  | 144,218              | 3,960                                 | 6,748                           |
| Sedgwick-----    | 560                           | 307,410                   | 147,367                 | 8,801                | 20,378                 | 123,304              | ---                                   | 7,560                           |
| Summit-----      | 61                            | 32,231                    | 8,604                   | 25                   | 1,290                  | 20,945               | 705                                   | 662                             |
| Teller-----      | 238                           | 134,249                   | 11,594                  | 558                  | 1,477                  | 113,189              | 3,008                                 | 4,423                           |
| Washington-----  | 1,753                         | 1,237,648                 | 376,171                 | 138,955              | 46,908                 | 653,001              | 4,595                                 | 18,018                          |
| Weld-----        | 5,457                         | 1,977,783                 | 744,533                 | 83,447               | 98,065                 | 964,516              | 1,752                                 | 85,470                          |
| Yuma-----        | 2,113                         | 1,348,084                 | 471,617                 | 66,240               | 39,676                 | 736,289              | 8,562                                 | 25,700                          |
| State-----       | 59,956                        | 28,876,171                | 6,750,398               | 858,052              | 840,234                | 19,338,377           | 130,719                               | 958,391                         |



## FARM PROPERTY VALUES BY COUNTIES, 1925 AND 1910

(From Reports of the U. S. Census Bureau)

| COUNTY           | Land          | Buildings     | Implements and Mach. | Livestock     | Total All Property 1925 | Total All Property 1910 |
|------------------|---------------|---------------|----------------------|---------------|-------------------------|-------------------------|
| Adams-----       | \$ 17,401,203 | \$ 3,470,786  | \$ 953,480           | \$ 1,608,369  | \$ 23,433,838           | \$ 15,767,956           |
| Alamosa-----     | 5,414,522     | 726,035       | 252,080              | 995,775       | 7,388,412               | (a)                     |
| Arapahoe-----    | 11,209,376    | 3,812,726     | 809,190              | 1,104,901     | 16,936,193              | 11,351,431              |
| Archuleta-----   | 1,667,621     | 325,115       | 121,768              | 620,609       | 2,735,113               | 1,965,568               |
| Baca-----        | 7,281,358     | 947,975       | 505,719              | 1,577,122     | 10,312,174              | 2,027,854               |
| Bent-----        | 9,243,993     | 1,374,712     | 545,152              | 2,493,928     | 13,657,785              | 7,731,767               |
| Boulder-----     | 14,589,625    | 4,028,005     | 907,505              | 1,540,040     | 21,065,175              | 16,478,541              |
| Chaffee-----     | 1,939,545     | 576,200       | 185,552              | 393,272       | 3,094,569               | 1,987,810               |
| Cheyenne-----    | 7,191,317     | 889,150       | 698,297              | 896,436       | 9,675,200               | 3,576,820               |
| Clear Creek----- | 185,400       | 67,000        | 8,150                | 12,498        | 273,048                 | 216,018                 |
| Conejos-----     | 5,947,694     | 732,323       | 277,314              | 1,661,549     | 8,618,880               | 8,430,531               |
| Costilla-----    | 3,901,484     | 445,470       | 210,960              | 604,623       | 5,162,537               | 3,714,504               |
| Crowley-----     | 5,634,640     | 746,380       | 244,750              | 527,742       | 7,152,512               | (a)                     |
| Custer-----      | 2,114,645     | 518,650       | 199,395              | 459,652       | 3,292,342               | 2,067,447               |
| Delta-----       | 9,323,430     | 2,274,839     | 730,725              | 1,536,480     | 13,865,474              | 21,024,102              |
| Denver-----      | 1,980,200     | 1,514,900     | 146,855              | 79,806        | 3,721,761               | 3,406,332               |
| Dolores-----     | 245,285       | 62,845        | 35,040               | 146,984       | 490,154                 | 248,501                 |
| Douglas-----     | 4,975,845     | 1,238,245     | 360,472              | 722,846       | 7,297,408               | 5,622,844               |
| Eagle-----       | 3,214,334     | 762,630       | 293,197              | 653,227       | 4,923,388               | 3,691,648               |
| Elbert-----      | 13,421,607    | 2,287,918     | 805,820              | 1,651,064     | 18,166,409              | 9,624,465               |
| El Paso-----     | 13,996,752    | 3,077,130     | 819,442              | 1,556,672     | 19,449,996              | 13,117,316              |
| Fremont-----     | 4,618,950     | 1,728,600     | 353,310              | 798,420       | 7,499,280               | 7,130,241               |
| Garfield-----    | 6,788,140     | 1,508,150     | 507,437              | 1,930,768     | 10,784,495              | 11,017,329              |
| Gilpin-----      | 138,100       | 36,775        | 9,130                | 24,296        | 208,301                 | 195,481                 |
| Grand-----       | 2,311,960     | 500,930       | 161,235              | 534,145       | 3,508,270               | 2,625,740               |
| Gunnison-----    | 2,751,125     | 678,450       | 238,013              | 1,232,679     | 4,900,267               | 3,352,823               |
| Hinsdale-----    | 254,270       | 52,650        | 22,985               | 101,794       | 431,699                 | 126,608                 |
| Huerfano-----    | 3,792,890     | 707,657       | 260,404              | 1,114,948     | 5,875,899               | 3,640,602               |
| Jackson-----     | 2,703,020     | 428,600       | 158,606              | 1,096,140     | 4,386,366               | 4,416,646               |
| Jefferson-----   | 16,310,465    | 5,562,780     | 734,575              | 966,210       | 23,574,030              | 17,616,573              |
| Kiowa-----       | 5,182,425     | 658,875       | 373,915              | 968,292       | 7,183,507               | 3,031,538               |
| Kit Carson-----  | 12,036,558    | 1,705,760     | 954,449              | 1,533,726     | 16,230,493              | 7,951,330               |
| Lake-----        | 119,050       | 37,250        | 14,295               | 32,559        | 203,154                 | 466,646                 |
| La Plata-----    | 4,195,120     | 1,319,445     | 298,595              | 1,212,839     | 7,026,099               | 5,812,793               |
| Larimer-----     | 25,803,740    | 4,566,703     | 1,582,892            | 6,239,118     | 38,182,453              | 25,930,176              |
| Las Animas-----  | 7,635,351     | 1,163,629     | 444,808              | 2,410,597     | 11,654,295              | 6,495,792               |
| Lincoln-----     | 15,307,702    | 1,563,708     | 689,612              | 1,717,957     | 19,278,979              | 9,735,622               |
| Logan-----       | 20,247,218    | 3,387,348     | 1,450,900            | 2,426,350     | 27,511,816              | 10,866,393              |
| Mesa-----        | 9,745,965     | 3,244,609     | 981,843              | 2,088,683     | 16,061,100              | 30,209,338              |
| Mineral-----     | 228,990       | 60,225        | 25,010               | 104,656       | 418,881                 | 537,691                 |
| Moffat-----      | 3,426,540     | 700,855       | 306,480              | 1,041,637     | 5,475,512               | (a)                     |
| Montezuma-----   | 2,722,808     | 755,815       | 201,760              | 1,336,695     | 5,017,078               | 6,996,047               |
| Montrose-----    | 6,295,044     | 2,079,059     | 655,901              | 1,494,115     | 10,524,119              | 13,858,109              |
| Morgan-----      | 15,065,041    | 2,998,970     | 1,172,956            | 3,483,644     | 22,720,611              | 11,548,557              |
| Otero-----       | 11,730,057    | 2,725,477     | 927,872              | 1,922,835     | 17,306,241              | 19,738,280              |
| Ouray-----       | 1,277,150     | 302,600       | 98,395               | 300,559       | 1,978,704               | 1,786,767               |
| Park-----        | 2,737,184     | 687,236       | 255,634              | 952,930       | 4,632,984               | 2,925,215               |
| Phillips-----    | 11,423,930    | 2,117,155     | 885,100              | 939,485       | 15,365,670              | 6,394,186               |
| Pitkin-----      | 1,318,040     | 243,750       | 114,720              | 291,398       | 1,967,908               | 1,903,709               |
| Prowers-----     | 10,174,623    | 1,720,780     | 557,718              | 1,551,563     | 14,004,684              | 13,938,513              |
| Pueblo-----      | 11,823,044    | 2,236,450     | 718,040              | 1,558,817     | 16,336,351              | 9,940,218               |
| Rio Blanco-----  | 3,442,895     | 798,010       | 294,660              | 1,464,338     | 5,999,903               | 4,350,437               |
| Rio Grande-----  | 8,333,907     | 1,842,178     | 664,153              | 1,245,521     | 12,085,759              | 10,771,802              |
| Routt-----       | 6,276,965     | 1,155,180     | 505,857              | 1,705,920     | 9,643,922               | 13,454,136              |
| Saguache-----    | 6,571,414     | 887,420       | 358,658              | 1,774,186     | 9,591,678               | 9,299,491               |
| San Juan-----    | (b)           | ---           | ---                  | ---           | ---                     | ---                     |
| San Miguel-----  | 2,006,015     | 423,525       | 174,995              | 705,723       | 3,315,258               | 1,507,239               |
| Sedgwick-----    | 7,648,345     | 1,354,950     | 483,350              | 739,972       | 10,226,617              | 5,439,388               |
| Summit-----      | 610,850       | 142,950       | 46,525               | 143,861       | 944,186                 | 602,166                 |
| Teller-----      | 1,045,945     | 249,595       | 96,745               | 262,026       | 1,654,311               | 1,268,472               |
| Washington-----  | 18,627,450    | 2,672,079     | 1,334,048            | 2,426,687     | 25,060,264              | 8,266,561               |
| Weld-----        | 59,480,778    | 10,497,342    | 3,760,667            | 11,096,378    | 84,835,165              | 56,363,139              |
| Yuma-----        | 21,021,648    | 3,123,260     | 1,485,529            | 2,540,802     | 28,171,239              | 10,908,457              |
| State-----       | \$494,110,588 | \$ 98,499,814 | \$ 33,472,740        | \$ 86,356,774 | \$712,439,916           | \$494,471,706           |

(a) County formed out of parts of other counties subsequent to 1910 census.

(b) County has no farms.

**SPECIFIED FARM VALUES IN COLORADO, APRIL 1, 1930, AND 1920**

(Compiled from Census Reports)

| COUNTY            | Farm Land and Buildings |               | Farm Implements and Machinery |               |
|-------------------|-------------------------|---------------|-------------------------------|---------------|
|                   | 1930                    | 1920          | 1930                          | 1920          |
| Adams .....       | \$ 23,143,053           | \$ 26,901,211 | \$ 1,760,342                  | \$ 1,663,876  |
| Alamosa .....     | 6,777,009               | 6,164,415     | 573,907                       | 296,947       |
| Arapahoe .....    | 17,884,017              | 17,174,405    | 1,212,567                     | 957,668       |
| Archuleta .....   | 2,028,562               | 2,851,960     | 181,099                       | 241,003       |
| Baca .....        | 17,158,962              | 12,511,397    | 1,590,569                     | 947,605       |
| Bent .....        | 10,112,517              | 14,515,674    | 823,895                       | 862,049       |
| Boulder .....     | 18,128,233              | 23,343,151    | 1,078,663                     | 1,517,998     |
| Chaffee .....     | 3,132,970               | 3,173,885     | 257,144                       | 223,023       |
| Cheyenne .....    | 5,867,516               | 15,180,510    | 522,367                       | 446,526       |
| Clear Creek ..... | 592,238                 | 548,600       | 15,440                        | 29,960        |
| Conejos .....     | 9,478,459               | 11,498,311    | 706,953                       | 594,970       |
| Costilla .....    | 4,145,803               | 6,211,797     | 394,569                       | 262,236       |
| Crowley .....     | 6,952,382               | 11,007,264    | 449,892                       | 538,004       |
| Custer .....      | 2,909,693               | 3,218,293     | 347,175                       | 240,746       |
| Delta .....       | 10,538,579              | 14,371,545    | 954,450                       | 932,502       |
| Denver .....      | 2,848,287               | 3,107,646     | 121,654                       | 110,226       |
| Dolores .....     | 502,800                 | 753,480       | 105,321                       | 41,300        |
| Douglas .....     | 8,058,665               | 10,448,835    | 598,865                       | 524,880       |
| Eagle .....       | 4,314,696               | 4,233,125     | 366,904                       | 248,818       |
| Elbert .....      | 13,170,272              | 27,590,814    | 1,195,865                     | 1,050,184     |
| El Paso .....     | 17,319,833              | 21,631,734    | 1,031,391                     | 1,104,639     |
| Fremont .....     | 7,189,054               | 6,140,674     | 431,583                       | 416,303       |
| Garfield .....    | 8,472,775               | 11,271,300    | 591,639                       | 798,828       |
| Gilpin .....      | 149,870                 | 193,985       | 15,240                        | 18,751        |
| Grand .....       | 3,172,663               | 3,284,240     | 185,745                       | 175,390       |
| Gunnison .....    | 4,129,000               | 4,235,182     | 296,685                       | 329,398       |
| Hinsdale .....    | 385,645                 | 353,800       | 32,885                        | 19,900        |
| Huerfano .....    | 4,760,629               | 7,071,363     | 358,398                       | 427,318       |
| Jackson .....     | 3,430,876               | 5,680,992     | 225,160                       | 193,195       |
| Jefferson .....   | 24,106,053              | 19,286,253    | 972,824                       | 1,046,930     |
| Kiowa .....       | 5,529,623               | 8,160,370     | 436,017                       | 326,083       |
| Kit Carson .....  | 14,396,018              | 20,550,988    | 1,304,837                     | 961,266       |
| Lake .....        | 241,389                 | 221,800       | 30,890                        | 548,944       |
| La Plata .....    | 6,643,259               | 7,310,267     | 630,904                       | 22,090        |
| Larimer .....     | 28,541,224              | 39,420,325    | 1,941,348                     | 2,013,478     |
| Las Animas .....  | 12,260,863              | 14,064,697    | 836,040                       | 714,441       |
| Lincoln .....     | 13,345,855              | 24,078,168    | 1,196,093                     | 1,029,670     |
| Logan .....       | 25,931,038              | 41,462,007    | 2,269,144                     | 2,384,869     |
| Mesa .....        | 16,205,224              | 16,034,577    | 1,313,813                     | 1,209,883     |
| Mineral .....     | 643,255                 | 359,300       | 39,870                        | 27,695        |
| Moffat .....      | 5,670,029               | 8,394,431     | 476,867                       | 688,784       |
| Montezuma .....   | 5,046,342               | 5,543,230     | 576,628                       | 480,902       |
| Montrose .....    | 7,832,094               | 13,690,795    | 776,623                       | 1,032,848     |
| Morgan .....      | 19,736,549              | 27,648,440    | 1,709,789                     | 1,614,576     |
| Otero .....       | 13,360,386              | 20,067,756    | 961,300                       | 1,194,335     |
| Ouray .....       | 1,652,268               | 1,925,035     | 151,715                       | 126,208       |
| Park .....        | 4,018,412               | 3,505,286     | 305,954                       | 229,513       |
| Phillips .....    | 11,796,670              | 21,154,427    | 1,201,783                     | 1,139,690     |
| Pitkin .....      | 1,684,765               | 2,000,210     | 135,715                       | 142,165       |
| Prowers .....     | 14,871,233              | 21,321,622    | 1,208,892                     | 1,012,076     |
| Pueblo .....      | 15,323,482              | 27,664,475    | 1,122,781                     | 1,201,273     |
| Rio Blanco .....  | 5,077,685               | 5,755,348     | 398,142                       | 427,346       |
| Rio Grande .....  | 14,933,998              | 17,340,043    | 1,230,645                     | 1,052,876     |
| Routt .....       | 8,424,669               | 10,763,065    | 665,166                       | 786,106       |
| Saguache .....    | 8,650,968               | 10,954,145    | 597,750                       | 465,275       |
| San Juan .....    | .....                   | .....         | .....                         | .....         |
| San Miguel .....  | 1,699,841               | 2,165,750     | 171,480                       | 159,875       |
| Sedgwick .....    | 10,680,721              | 13,012,585    | 1,138,368                     | 794,150       |
| Summit .....      | 729,900                 | 741,250       | 62,660                        | 64,901        |
| Teller .....      | 1,377,791               | 1,575,701     | 105,696                       | 103,045       |
| Washington .....  | 15,063,272              | 32,740,702    | 1,372,716                     | 2,081,929     |
| Weld .....        | 74,876,659              | 112,249,669   | 6,446,662                     | 7,194,455     |
| Yuma .....        | 22,240,082              | 40,181,355    | 2,025,958                     | 2,312,589     |
| State .....       | \$629,346,675           | \$866,013,660 | \$ 50,241,437                 | \$ 49,804,509 |

Note—The total value of all farm property in 1920, including land and buildings, livestock and farm implements and machinery, was \$1,076,794,749, classified as follows: Land in farms, \$763,722,716; farm buildings, \$102,290,944; implements and machinery, \$49,804,509; livestock, \$160,976,580. Total value all farm property in 1925 was \$712,439,922 and in 1910, \$494,471,706. The figures for 1925 and 1910, by counties, are given in a separate table.



PERCENTAGE OF NUMBER OF  
FARMS OPERATED UNDER  
DIFFERENT TENURES, 1930

PERCENTAGE OF FARM ACRE-  
AGE OPERATED UNDER  
DIFFERENT TENURES, 1930

| COUNTY            | Owners | Renters | Home-<br>steaders | Owners<br>and<br>Renters | Owners | Renters | Home-<br>steaders | Owners<br>and<br>Renters |
|-------------------|--------|---------|-------------------|--------------------------|--------|---------|-------------------|--------------------------|
| Adams -----       | 49.78  | 36.89   | ---               | 13.33                    | 33.33  | 39.45   | ---               | 27.22                    |
| Alamosa -----     | 65.63  | 31.24   | ---               | 3.13                     | 68.78  | 25.37   | ---               | 5.85                     |
| Arapahoe -----    | 45.06  | 40.41   | ---               | 14.53                    | 37.63  | 44.11   | ---               | 18.26                    |
| Archuleta -----   | 76.45  | 20.29   | ---               | 3.26                     | 73.12  | 17.15   | ---               | 9.73                     |
| Baca -----        | 32.81  | 31.65   | .29               | 35.25                    | 27.97  | 27.71   | .38               | 43.94                    |
| Bent -----        | 39.68  | 45.93   | 1.47              | 12.92                    | 37.52  | 35.74   | 1.76              | 24.98                    |
| Boulder -----     | 53.05  | 44.44   | ---               | 2.51                     | 48.35  | 45.71   | ---               | 5.94                     |
| Chaffee -----     | 75.00  | 25.00   | ---               | ---                      | 77.90  | 22.10   | ---               | ---                      |
| Cheyenne -----    | 45.38  | 43.70   | ---               | 10.92                    | 41.26  | 42.00   | ---               | 16.74                    |
| Clear Creek ----- | 75.00  | 21.43   | 3.57              | ---                      | 93.67  | 5.81    | .52               | ---                      |
| Conejos -----     | 91.07  | 8.93    | ---               | ---                      | 90.10  | 4.61    | ---               | 5.29                     |
| Costilla -----    | 53.76  | 28.49   | ---               | 17.75                    | 54.89  | 32.50   | ---               | 12.61                    |
| Crowley -----     | 29.69  | 54.83   | .39               | 15.04                    | 37.90  | 45.83   | .85               | 15.42                    |
| Custer -----      | 75.19  | 21.85   | 1.48              | 1.48                     | 79.49  | 18.25   | 1.25              | 1.01                     |
| Delta -----       | 66.67  | 26.98   | .53               | 5.82                     | 59.76  | 31.68   | .76               | 7.80                     |
| Denver -----      | ---    | ---     | ---               | ---                      | ---    | ---     | ---               | ---                      |
| Dolores -----     | 77.61  | 11.94   | 5.97              | 4.08                     | 78.52  | 9.05    | 5.18              | 7.25                     |
| Douglas -----     | 51.96  | 39.38   | ---               | 8.66                     | 50.57  | 38.88   | ---               | 10.55                    |
| Eagle -----       | 87.88  | 9.92    | 1.65              | .55                      | 88.37  | 8.50    | 2.60              | .53                      |
| Filbert -----     | 55.11  | 33.27   | ---               | 11.62                    | 51.86  | 29.43   | ---               | 18.71                    |
| El Paso -----     | 53.10  | 39.22   | ---               | 7.68                     | 49.12  | 37.63   | ---               | 13.25                    |
| Fremont -----     | 75.42  | 15.05   | .41               | 9.12                     | 64.34  | 24.60   | .97               | 10.09                    |
| Garfield -----    | 67.14  | 28.53   | .29               | 4.04                     | 61.76  | 31.80   | .25               | 6.19                     |
| Gilpin -----      | 70.37  | 25.93   | 3.70              | ---                      | 70.91  | 25.20   | 3.89              | ---                      |
| Grand -----       | 86.43  | 13.57   | ---               | ---                      | 88.77  | 11.23   | ---               | ---                      |
| Gunnison -----    | 82.27  | 11.71   | 2.01              | 4.01                     | 79.03  | 11.49   | 1.69              | 7.79                     |
| Hinsdale -----    | 81.94  | 9.03    | ---               | 9.03                     | 70.10  | 12.86   | ---               | 17.04                    |
| Huerfano -----    | 87.11  | 9.82    | 2.46              | .61                      | 86.73  | 9.86    | 2.87              | .54                      |
| Jackson -----     | 90.99  | 7.21    | ---               | 1.80                     | 88.88  | 7.93    | ---               | 3.19                     |
| Jefferson -----   | 64.39  | 25.19   | ---               | 10.42                    | 61.02  | 28.27   | ---               | 10.71                    |
| Kiowa -----       | 47.33  | 36.27   | ---               | 16.35                    | 45.12  | 35.48   | ---               | 19.40                    |
| Kit Carson -----  | 32.96  | 44.05   | ---               | 22.99                    | 30.55  | 40.33   | ---               | 29.12                    |
| Lake -----        | 33.33  | 16.67   | ---               | ---                      | 81.80  | 18.20   | ---               | ---                      |
| La Plata -----    | 62.18  | 28.18   | .18               | 9.46                     | 60.72  | 24.18   | .22               | 14.88                    |
| Larimer -----     | 50.69  | 44.02   | .08               | 5.21                     | 57.28  | 38.53   | .02               | 4.17                     |
| Las Animas -----  | 68.83  | 21.93   | ---               | 9.24                     | 48.87  | 29.85   | ---               | 21.28                    |
| Lincoln -----     | 45.19  | 36.50   | .11               | 18.20                    | 38.42  | 29.12   | .09               | 32.37                    |
| Logan -----       | 31.63  | 51.78   | .21               | 16.38                    | 30.18  | 43.24   | .09               | 26.49                    |
| Mesa -----        | 75.52  | 21.72   | .20               | 2.56                     | 67.12  | 24.26   | 1.51              | 7.11                     |
| Mineral -----     | 90.84  | 9.16    | ---               | ---                      | 97.51  | 2.49    | ---               | ---                      |
| Moffat -----      | 75.00  | 12.50   | 7.64              | 4.86                     | 69.35  | 13.74   | 7.36              | 9.55                     |
| Montezuma -----   | 65.27  | 23.35   | .40               | 10.98                    | 59.96  | 21.24   | .37               | 18.43                    |
| Montrose -----    | 57.72  | 36.24   | ---               | 6.04                     | 53.42  | 37.88   | .07               | 8.63                     |
| Morgan -----      | 40.16  | 49.35   | .07               | 10.42                    | 35.99  | 42.54   | .03               | 18.44                    |
| Otero -----       | 45.62  | 45.39   | .12               | 8.87                     | 52.57  | 40.38   | .16               | 6.89                     |
| Ouray -----       | 71.83  | 27.46   | ---               | .71                      | 73.42  | 25.38   | ---               | 1.20                     |
| Park -----        | 72.48  | 17.89   | 9.17              | .46                      | 78.51  | 15.26   | 6.14              | .09                      |
| Phillips -----    | 18.71  | 45.85   | ---               | 35.44                    | 14.20  | 40.91   | ---               | 44.89                    |
| Pitkin -----      | 88.55  | 11.45   | ---               | ---                      | 88.65  | 11.35   | ---               | ---                      |
| Prowers -----     | 42.74  | 47.99   | ---               | 9.27                     | 43.74  | 45.10   | ---               | 11.16                    |
| Pueblo -----      | 53.90  | 31.57   | .10               | 14.43                    | 38.85  | 29.87   | .11               | 31.17                    |
| Rio Blanco -----  | 98.00  | 2.00    | ---               | ---                      | 99.23  | .77     | ---               | ---                      |
| Rio Grande -----  | 85.00  | 15.00   | ---               | ---                      | 68.12  | 21.23   | ---               | 10.65                    |
| Routt -----       | 81.25  | 15.39   | 1.92              | 1.44                     | 78.40  | 15.56   | 2.79              | 3.25                     |
| Saguache -----    | 63.41  | 29.78   | ---               | 6.81                     | 79.74  | 16.25   | ---               | 4.01                     |
| San Juan -----    | ---    | ---     | ---               | ---                      | ---    | ---     | ---               | ---                      |
| San Miguel -----  | 82.58  | 8.96    | 3.98              | 4.48                     | 85.15  | 5.63    | 2.47              | 6.75                     |
| Sedgwick -----    | 34.41  | 45.42   | ---               | 20.17                    | 14.32  | 38.71   | ---               | 46.97                    |
| Summit -----      | 92.57  | 7.43    | ---               | ---                      | 91.77  | 8.23    | ---               | ---                      |
| Teller -----      | 69.27  | 28.49   | 1.12              | 1.12                     | 72.65  | 23.79   | .46               | 3.10                     |
| Washington -----  | 23.29  | 40.03   | ---               | 36.68                    | 18.07  | 33.29   | ---               | 48.64                    |
| Weld -----        | 34.97  | 54.66   | .05               | 10.32                    | 29.64  | 43.16   | .02               | 27.18                    |
| Yuma -----        | 43.59  | 36.18   | ---               | 20.23                    | 38.90  | 30.34   | .04               | 30.72                    |
| State -----       | 51.20  | 36.40   | .40               | 12.00                    | 44.49  | 32.48   | .50               | 22.53                    |

FARM ACREAGE REPORTED UNDER VARIOUS TENURES AND TOTAL ACREAGE  
HARVESTED, 1930

| COUNTY            | Acreage<br>Owners | Acreage<br>Renters | Acreage<br>Home-<br>steaders | Acreage<br>Owners<br>and<br>Renters | Total<br>Farm<br>Acreage | Total<br>Acreage<br>Harvested | Harv.<br>Area %<br>of Total<br>Area |
|-------------------|-------------------|--------------------|------------------------------|-------------------------------------|--------------------------|-------------------------------|-------------------------------------|
| Adams -----       | 138,943           | 162,121            | ----                         | 115,806                             | 416,870                  | 211,820                       | 26.23                               |
| Alamosa -----     | 70,334            | 24,825             | ----                         | 4,141                               | 99,300                   | 62,205                        | 13.38                               |
| Arapahoe -----    | 88,405            | 125,628            | ----                         | 51,847                              | 265,880                  | 128,418                       | 23.83                               |
| Archuleta -----   | 87,891            | 20,614             | ----                         | 11,695                              | 120,200                  | 21,685                        | 2.78                                |
| Baca -----        | 208,600           | 206,661            | 2,834                        | 327,705                             | 745,800                  | 303,200                       | 18.56                               |
| Bent -----        | 96,230            | 91,879             | 4,376                        | 63,445                              | 255,930                  | 92,155                        | 9.45                                |
| Boulder -----     | 67,226            | 63,555             | ----                         | 8,259                               | 139,040                  | 82,130                        | 16.80                               |
| Chaffee -----     | 39,807            | 11,293             | ----                         | -----                               | 51,100                   | 18,418                        | 2.66                                |
| Cheyenne -----    | 111,505           | 113,505            | ----                         | 45,240                              | 270,250                  | 125,256                       | 11.01                               |
| Clear Creek ----- | 7,288             | 452                | 40                           | -----                               | 7,780                    | 1,205                         | 0.48                                |
| Conejos -----     | 102,471           | 5,243              | ----                         | 6,016                               | 113,730                  | 87,418                        | 10.91                               |
| Costilla -----    | 21,626            | 13,385             | ----                         | 5,149                               | 40,160                   | 29,826                        | 3.93                                |
| Crowley -----     | 40,724            | 49,244             | 913                          | 16,569                              | 107,450                  | 56,945                        | 11.01                               |
| Custer -----      | 150,025           | 33,717             | 1,684                        | 1,684                               | 187,110                  | 27,483                        | 5.75                                |
| Delta -----       | 87,084            | 45,837             | ----                         | 11,449                              | 144,370                  | 50,208                        | 6.53                                |
| Denver -----      | -----             | -----              | -----                        | -----                               | -----                    | -----                         | -----                               |
| Dolores -----     | 47,206            | 5,441              | 3,114                        | 4,359                               | 60,120                   | 12,561                        | 1.88                                |
| Douglas -----     | 131,965           | 131,965            | -----                        | -----                               | 263,930                  | 50,932                        | 9.42                                |
| Eagle -----       | 93,486            | 8,992              | 2,751                        | 561                                 | 105,790                  | 27,705                        | 2.67                                |
| Elbert -----      | 383,917           | 219,381            | -----                        | 127,972                             | 731,270                  | 178,059                       | 14.98                               |
| El Paso -----     | 309,871           | 235,099            | -----                        | 85,490                              | 630,460                  | 161,987                       | 11.20                               |
| Fremont -----     | 99,126            | 37,446             | 1,102                        | 15,416                              | 153,090                  | 20,926                        | 2.10                                |
| Garfield -----    | 103,942           | 53,519             | 421                          | 10,418                              | 168,300                  | 56,583                        | 2.85                                |
| Gilpin -----      | 7,297             | 2,593              | ----                         | 400                                 | 10,290                   | 1,970                         | 2.33                                |
| Grand -----       | 153,711           | 17,079             | -----                        | -----                               | 170,790                  | 30,070                        | 2.52                                |
| Gunnison -----    | 120,156           | 16,572             | 4,139                        | 12,433                              | 153,300                  | 52,754                        | 2.59                                |
| Hinsdale -----    | 6,540             | 1,200              | ----                         | 1,590                               | 9,330                    | 3,695                         | 0.59                                |
| Huerfano -----    | 199,791           | 22,713             | 6,611                        | 1,245                               | 230,360                  | 36,489                        | 3.80                                |
| Jackson -----     | 254,677           | 22,723             | ----                         | 9,140                               | 286,540                  | 88,224                        | 8.45                                |
| Jefferson -----   | 119,737           | 55,691             | ----                         | 21,152                              | 196,580                  | 55,847                        | 10.80                               |
| Kiowa -----       | 113,463           | 39,222             | ----                         | 48,785                              | 251,470                  | 94,490                        | 8.21                                |
| Kit Carson -----  | 211,990           | 318,021            | ----                         | 211,989                             | 742,000                  | 362,638                       | 26.24                               |
| Iake -----        | 11,370            | 2,530              | ----                         | -----                               | 13,900                   | 5,200                         | 2.19                                |
| La Plata -----    | 132,746           | 52,862             | 481                          | 32,531                              | 218,620                  | 55,674                        | 4.70                                |
| Larimer -----     | 188,425           | 126,826            | ----                         | 14,509                              | 329,760                  | 147,232                       | 8.75                                |
| Las Animas -----  | 131,330           | 80,294             | ----                         | 57,276                              | 268,900                  | 83,283                        | 2.71                                |
| Lincoln -----     | 212,641           | 163,540            | ----                         | 179,889                             | 556,070                  | 258,010                       | 15.69                               |
| Logan -----       | 224,581           | 321,766            | 670                          | 197,123                             | 744,140                  | 440,322                       | 37.76                               |
| Mesa -----        | 92,757            | 33,729             | 2,811                        | 11,243                              | 140,540                  | 77,882                        | 3.85                                |
| Mineral -----     | 19,012            | 488                | ----                         | -----                               | 19,500                   | 3,360                         | 0.61                                |
| Moffat -----      | 235,655           | 45,626             | 22,813                       | 30,406                              | 334,500                  | 53,276                        | 1.79                                |
| Montezuma -----   | 65,758            | 23,294             | 406                          | 20,212                              | 109,670                  | 45,879                        | 3.50                                |
| Montrose -----    | 79,971            | 56,839             | ----                         | 12,530                              | 149,340                  | 68,621                        | 4.74                                |
| Morgan -----      | 183,544           | 198,858            | ----                         | 91,748                              | 474,150                  | 243,709                       | 29.60                               |
| Otero -----       | 77,358            | 59,345             | 294                          | 10,043                              | 147,040                  | 76,257                        | 9.46                                |
| Ouray -----       | 28,227            | 9,666              | ----                         | 387                                 | 38,280                   | 14,348                        | 4.32                                |
| Park -----        | 184,184           | 35,800             | 14,404                       | 212                                 | 234,600                  | 43,462                        | 3.03                                |
| Phillips -----    | 43,128            | 150,951            | -----                        | 150,951                             | 345,030                  | 245,885                       | 55.84                               |
| Pitkin -----      | 46,763            | 5,987              | ----                         | -----                               | 52,750                   | 13,290                        | 2.04                                |
| Prowers -----     | 151,459           | 164,074            | ----                         | 37,847                              | 353,380                  | 167,232                       | 16.03                               |
| Pueblo -----      | 187,591           | 144,230            | 531                          | 150,508                             | 482,860                  | 103,252                       | 6.63                                |
| Rio Blanco -----  | 213,203           | 14,117             | ----                         | -----                               | 227,320                  | 44,406                        | 2.15                                |
| Rio Grande -----  | 81,158            | 25,293             | ----                         | 12,689                              | 119,140                  | 98,865                        | 17.20                               |
| Routt -----       | 204,400           | 40,890             | 7,041                        | 8,449                               | 260,780                  | 78,761                        | 5.33                                |
| Saguache -----    | 110,312           | 22,906             | ----                         | 5,942                               | 139,160                  | 99,620                        | 4.97                                |
| San Juan -----    | -----             | -----              | -----                        | -----                               | -----                    | -----                         | -----                               |
| San Miguel -----  | 117,141           | 7,745              | 3,398                        | 9,286                               | 137,570                  | 14,977                        | 1.82                                |
| Sedgwick -----    | 22,784            | 58,836             | ----                         | 72,120                              | 153,740                  | 157,871                       | 46.45                               |
| Summit -----      | 22,851            | 2,049              | ----                         | -----                               | 24,900                   | 9,934                         | 2.39                                |
| Teller -----      | 72,301            | 23,676             | 458                          | 3,085                               | 99,520                   | 12,845                        | 3.67                                |
| Washington -----  | 167,363           | 308,329            | ----                         | 450,498                             | 926,190                  | 389,090                       | 24.12                               |
| Weld -----        | 347,049           | 502,583            | ----                         | 311,068                             | 1,160,700                | 730,809                       | 28.39                               |
| Yuma -----        | 380,837           | 289,393            | ----                         | 301,540                             | 971,770                  | 439,186                       | 28.99                               |
| State -----       | 7,710,933         | 5,178,138          | 81,292                       | 3,392,047                           | 16,362,410               | 6,745,840                     | 10.17                               |



## DISTRIBUTION OF FARMS ACCORDING TO SIZE, 1930

| COUNTY      | Less<br>Than 3<br>Acres | 3 to 10<br>Acres | 10 to 20<br>Acres | 20 to 50<br>Acres | 50 to 100<br>Acres | 100 to 175<br>Acres | 175 to 250<br>Acres | 250 to 500<br>Acres | 500 to<br>1,000<br>Acres | 1,000 to<br>2,000<br>Acres | Over 2,000<br>Acres |
|-------------|-------------------------|------------------|-------------------|-------------------|--------------------|---------------------|---------------------|---------------------|--------------------------|----------------------------|---------------------|
| Adams       | 3                       | 110              | 123               | 140               | 148                | 270                 | 83                  | 273                 | 163                      | 64                         | 18                  |
| Alamosa     | --                      | --               | 1                 | 3                 | 28                 | 177                 | 17                  | 107                 | 20                       | 3                          | 4                   |
| Arapahoe    | 2                       | 51               | 47                | 53                | 50                 | 66                  | 42                  | 166                 | 138                      | 50                         | 10                  |
| Archuleta   | --                      | 1                | --                | 12                | 24                 | 110                 | 31                  | 64                  | 23                       | 7                          | 8                   |
| Baca        | --                      | --               | --                | 2                 | 6                  | 34                  | 22                  | 430                 | 408                      | 155                        | 43                  |
| Bent        | --                      | 4                | 7                 | 27                | 99                 | 219                 | 68                  | 179                 | 106                      | 39                         | 12                  |
| Boulder     | --                      | 9                | 17                | 74                | 329                | 364                 | 94                  | 77                  | 10                       | 6                          | --                  |
| Chaffee     | --                      | 2                | 6                 | 8                 | 10                 | 35                  | 14                  | 85                  | 36                       | 8                          | 1                   |
| Cheyenne    | --                      | --               | --                | --                | --                 | 53                  | 53                  | 177                 | 80                       | 37                         | --                  |
| Clear Creek | --                      | --               | 3                 | 3                 | 4                  | 6                   | 4                   | 6                   | --                       | 1                          | 1                   |
| Conejos     | --                      | 13               | 43                | 121               | 164                | 183                 | 62                  | 47                  | 15                       | --                         | 2                   |
| Costilla    | 7                       | 19               | 32                | 95                | 54                 | 52                  | 41                  | 28                  | 2                        | --                         | --                  |
| Crowley     | --                      | 10               | 13                | 68                | 127                | 150                 | 36                  | 99                  | 44                       | 3                          | --                  |
| Custer      | --                      | 2                | 1                 | 7                 | 10                 | 73                  | 31                  | 100                 | 65                       | 16                         | 5                   |
| Delta       | 6                       | 52               | 152               | 466               | 357                | 248                 | 79                  | 64                  | 14                       | 2                          | --                  |
| Denver      | --                      | --               | --                | --                | --                 | --                  | --                  | --                  | --                       | --                         | --                  |
| Dolores     | --                      | --               | --                | --                | 2                  | 30                  | 16                  | 89                  | 8                        | --                         | --                  |
| Douglas     | --                      | --               | 2                 | 7                 | 8                  | 48                  | 21                  | 97                  | 114                      | 58                         | 20                  |
| Eagle       | 1                       | 2                | 3                 | 13                | 47                 | 148                 | 33                  | 78                  | 37                       | 6                          | 2                   |
| Elbert      | --                      | --               | 1                 | 5                 | 7                  | 124                 | 69                  | 436                 | 272                      | 106                        | 50                  |
| El Paso     | --                      | 1                | 6                 | 18                | 33                 | 102                 | 66                  | 367                 | 238                      | 85                         | 24                  |
| Fremont     | 78                      | 348              | 136               | 131               | 67                 | 56                  | 23                  | 27                  | 21                       | 2                          | 1                   |
| Garfield    | 9                       | 20               | 43                | 123               | 125                | 195                 | 85                  | 134                 | 45                       | 8                          | 3                   |
| Gilpin      | --                      | --               | --                | 1                 | 2                  | 9                   | 2                   | 8                   | 6                        | 2                          | --                  |
| Grand       | --                      | --               | --                | 1                 | 3                  | 33                  | 12                  | 74                  | 59                       | 32                         | 6                   |
| Gunnison    | --                      | 2                | --                | 3                 | 13                 | 69                  | 28                  | 87                  | 71                       | 28                         | 9                   |
| Hinsdale    | 1                       | --               | --                | --                | --                 | 9                   | 3                   | 10                  | 7                        | --                         | --                  |
| Huerfano    | --                      | 3                | 3                 | 18                | 43                 | 99                  | 34                  | 145                 | 96                       | 31                         | 18                  |
| Jackson     | --                      | --               | --                | 2                 | 1                  | 30                  | 12                  | 47                  | 59                       | 45                         | 26                  |
| Jefferson   | 7                       | 315              | 309               | 176               | 131                | 156                 | 79                  | 108                 | 80                       | 20                         | 9                   |
| Kiowa       | --                      | --               | --                | --                | 1                  | 36                  | 5                   | 273                 | 133                      | 31                         | 1                   |
| Kit Carson  | --                      | --               | --                | 1                 | 9                  | 129                 | 79                  | 610                 | 385                      | 131                        | 16                  |
| Lake        | --                      | --               | --                | 1                 | --                 | 6                   | 1                   | 8                   | 10                       | --                         | 1                   |
| La Plata    | --                      | 1                | 6                 | 33                | 133                | 223                 | 113                 | 167                 | 72                       | 16                         | 6                   |
| Larimer     | 2                       | 64               | 79                | 164               | 318                | 442                 | 144                 | 120                 | 61                       | 26                         | 20                  |
| Las Animas  | --                      | 37               | 32                | 85                | 99                 | 174                 | 50                  | 239                 | 111                      | 34                         | 9                   |
| Lincoln     | --                      | --               | 1                 | 4                 | 12                 | 150                 | 75                  | 400                 | 272                      | 94                         | 17                  |
| Logan       | 3                       | 7                | 21                | 31                | 119                | 443                 | 170                 | 718                 | 322                      | 82                         | 19                  |
| Mesa        | 22                      | 368              | 621               | 818               | 347                | 237                 | 55                  | 73                  | 15                       | 4                          | --                  |
| Mineral     | --                      | --               | --                | --                | --                 | 9                   | 4                   | 8                   | 1                        | 4                          | 4                   |
| Moffat      | --                      | 1                | 1                 | 3                 | 12                 | 74                  | 34                  | 322                 | 209                      | 36                         | 8                   |
| Montezuma   | --                      | --               | --                | 20                | 72                 | 213                 | 42                  | 146                 | 16                       | 1                          | --                  |
| Montrose    | 1                       | 10               | 33                | 239               | 345                | 257                 | 77                  | 47                  | 9                        | 1                          | 1                   |
| Morgan      | --                      | --               | 1                 | 25                | 235                | 361                 | 115                 | 397                 | 190                      | 64                         | 7                   |
| Otero       | --                      | 26               | 55                | 209               | 347                | 255                 | 54                  | 44                  | 37                       | 10                         | 3                   |
| Ouray       | --                      | --               | --                | 8                 | 23                 | 40                  | 24                  | 45                  | 7                        | 3                          | --                  |
| Park        | --                      | --               | --                | --                | 2                  | 51                  | 9                   | 33                  | 59                       | 35                         | 31                  |
| Phillips    | --                      | --               | --                | 1                 | 6                  | 61                  | 35                  | 307                 | 217                      | 42                         | 1                   |
| Pitkin      | --                      | --               | 1                 | 4                 | 7                  | 42                  | 22                  | 33                  | 23                       | 2                          | 1                   |
| Prowers     | --                      | --               | --                | 35                | 133                | 323                 | 145                 | 307                 | 103                      | 29                         | 4                   |
| Pueblo      | 1                       | 52               | 138               | 204               | 153                | 168                 | 79                  | 192                 | 133                      | 42                         | 28                  |
| Rio Blanco  | --                      | --               | --                | 2                 | 12                 | 68                  | 37                  | 91                  | 84                       | 40                         | 16                  |
| Rio Grande  | --                      | 3                | --                | 3                 | 11                 | 173                 | 25                  | 155                 | 46                       | 11                         | 3                   |
| Routt       | --                      | 3                | --                | 5                 | 20                 | 168                 | 82                  | 235                 | 107                      | 18                         | 2                   |
| Saguache    | --                      | --               | --                | 1                 | 3                  | 131                 | 12                  | 102                 | 49                       | 31                         | 21                  |
| San Juan    | --                      | --               | --                | --                | --                 | --                  | --                  | --                  | --                       | --                         | --                  |
| San Miguel  | --                      | --               | --                | 2                 | 22                 | 56                  | 11                  | 69                  | 50                       | 13                         | 7                   |
| Sedgwick    | --                      | --               | --                | 2                 | 2                  | 53                  | 25                  | 222                 | 161                      | 53                         | 2                   |
| Summit      | --                      | --               | --                | 1                 | 2                  | 25                  | 3                   | 18                  | 12                       | 5                          | --                  |
| Teller      | --                      | --               | 2                 | 3                 | 10                 | 51                  | 15                  | 55                  | 43                       | 7                          | 4                   |
| Washington  | --                      | --               | --                | 8                 | 22                 | 89                  | 39                  | 580                 | 466                      | 199                        | 37                  |
| Weld        | 1                       | 20               | 28                | 171               | 931                | 1,575               | 395                 | 837                 | 349                      | 122                        | 31                  |
| Yuma        | --                      | --               | 1                 | 6                 | 23                 | 141                 | 116                 | 671                 | 453                      | 148                        | 36                  |
| State       | 144                     | 1,556            | 1,969             | 3,666             | 5,323              | 9,372               | 3,252               | 11,133              | 6,442                    | 2,148                      | 608                 |

NUMBER OF FARMS REPORTING PRINCIPAL CROPS IN 1930

| COUNTY      | Corn   | Oats   | Barley | Winter<br>Wheat | Spring<br>Wheat | All<br>Rye | Pota-<br>toes | All<br>Sorghums | Al-<br>falfa | Sugar<br>Beets |
|-------------|--------|--------|--------|-----------------|-----------------|------------|---------------|-----------------|--------------|----------------|
| Adams       | 858    | 258    | 662    | 528             | 477             | 69         | 60            | 287             | 591          | 333            |
| Alamosa     | ---    | 246    | 172    | 2               | 187             | ---        | 294           | ---             | 312          | 74             |
| Arapahoe    | 503    | 136    | 328    | 287             | 212             | 34         | 7             | 187             | 819          | 48             |
| Archuleta   | 78     | 188    | 75     | 4               | 157             | 1          | 179           | 1               | 113          | ---            |
| Baca        | 864    | 6      | 177    | 500             | 25              | 22         | ---           | 880             | 25           | ---            |
| Bent        | 659    | 119    | 268    | 137             | 16              | 3          | ---           | 813             | 462          | 225            |
| Boulder     | 622    | 414    | 727    | 428             | 538             | 11         | 20            | ---             | 921          | 425            |
| Chaffee     | ---    | 118    | 123    | ---             | 111             | 2          | 140           | ---             | 146          | 9              |
| Cheyenne    | 397    | 31     | 193    | 44              | 37              | 7          | 3             | 315             | ---          | ---            |
| Clear Creek | 1      | 15     | 1      | 1               | ---             | 1          | 11            | ---             | 5            | ---            |
| Conejos     | ---    | 260    | 372    | ---             | 309             | ---        | 362           | ---             | 367          | 30             |
| Costilla    | 11     | 67     | 155    | 18              | 182             | ---        | 116           | ---             | 182          | 9              |
| Crowley     | 464    | 99     | 180    | 12              | 17              | 1          | 2             | 142             | 409          | 265            |
| Custer      | 38     | 206    | 139    | 19              | 61              | 27         | 259           | 1               | 39           | ---            |
| Delta       | 706    | 380    | 258    | 46              | 460             | 2          | 265           | 1               | 987          | 216            |
| Denver      | ---    | ---    | ---    | ---             | ---             | ---        | ---           | ---             | ---          | ---            |
| Dolores     | 97     | 48     | 19     | 58              | 32              | 2          | 41            | 24              | 2            | ---            |
| Douglas     | 323    | 276    | 144    | 125             | 74              | 84         | 60            | 32              | 167          | ---            |
| Eagle       | 1      | 134    | 50     | 11              | 93              | ---        | 149           | ---             | 280          | ---            |
| Elbert      | 988    | 418    | 442    | 289             | 322             | 210        | 420           | 363             | 338          | ---            |
| El Paso     | 888    | 450    | 113    | 53              | 160             | 217        | 269           | 197             | 115          | 15             |
| Fremont     | 342    | 109    | 66     | 15              | 79              | 17         | 29            | 5               | 355          | 16             |
| Garfield    | 164    | 357    | 258    | 13              | 431             | 11         | 424           | 1               | 683          | 99             |
| Gilpin      | ---    | 28     | 2      | ---             | 2               | 1          | 28            | ---             | ---          | ---            |
| Grand       | ---    | 66     | 41     | 7               | 6               | 8          | 58            | ---             | 19           | ---            |
| Gunnison    | 1      | 54     | 50     | 2               | 24              | 4          | 195           | ---             | 35           | ---            |
| Hinsdale    | ---    | 8      | 8      | ---             | ---             | ---        | 15            | ---             | 6            | ---            |
| Huerfano    | 320    | 182    | 120    | 48              | 72              | 9          | 24            | 78              | 185          | 3              |
| Jackson     | ---    | 4      | 4      | ---             | ---             | 2          | 1             | ---             | ---          | ---            |
| Jefferson   | 617    | 500    | 255    | 194             | 403             | 17         | 294           | 4               | 713          | 47             |
| Kiowa       | 453    | 2      | 69     | 8               | 9               | 2          | ---           | 684             | 16           | ---            |
| Kit Carson  | 1,318  | 324    | 1,107  | 598             | 367             | 146        | 717           | 1,164           | 29           | ---            |
| Lake        | ---    | ---    | ---    | ---             | ---             | ---        | ---           | ---             | ---          | ---            |
| La Plata    | 255    | 423    | 309    | 35              | 504             | 4          | 513           | 10              | 648          | ---            |
| Larimer     | 626    | 565    | 879    | 391             | 482             | 19         | 125           | 10              | 1,097        | 822            |
| Las Animas  | 729    | 186    | 96     | 53              | 69              | 2          | 35            | 445             | 161          | 22             |
| Lincoln     | 962    | 84     | 478    | 265             | 297             | 123        | 396           | 735             | 42           | 2              |
| Logan       | 1,469  | 550    | 1,364  | 957             | 277             | 190        | 584           | 731             | 615          | 492            |
| Mesa        | 1,813  | 523    | 244    | 219             | 512             | 17         | 586           | 22              | 1,541        | 174            |
| Mineral     | ---    | 10     | 12     | ---             | ---             | ---        | 1             | ---             | 1            | ---            |
| Moffat      | 127    | 286    | 148    | 154             | 209             | 187        | 269           | 11              | 449          | 3              |
| Montezuma   | 268    | 271    | 121    | 27              | 289             | 4          | 382           | 57              | 337          | ---            |
| Montrose    | 592    | 472    | 294    | 50              | 608             | 4          | 625           | ---             | 819          | 256            |
| Morgan      | 1,124  | 305    | 860    | 268             | 250             | 109        | 167           | 353             | 738          | 642            |
| Otero       | 823    | 339    | 349    | 125             | 61              | 3          | ---           | 126             | 767          | 583            |
| Ouray       | 9      | 70     | 35     | 5               | 85              | ---        | 127           | ---             | 97           | 2              |
| Park        | ---    | 159    | 64     | ---             | 13              | 32         | 166           | ---             | ---          | ---            |
| Phillips    | 616    | 337    | 468    | 604             | 38              | 84         | 65            | 442             | 24           | ---            |
| Pitkin      | 1      | 108    | 22     | 2               | 63              | 4          | 103           | ---             | 76           | 14             |
| Provers     | 929    | 133    | 555    | 351             | 43              | 7          | 1             | 710             | 618          | 279            |
| Pueblo      | 958    | 229    | 217    | 149             | 140             | 10         | 6             | 244             | 773          | 296            |
| Rio Blanco  | ---    | 157    | 30     | 57              | 140             | 8          | 184           | ---             | 228          | ---            |
| Rio Grande  | ---    | 248    | 263    | ---             | 141             | ---        | 292           | ---             | 255          | 11             |
| Routt       | 2      | 367    | 292    | 49              | 175             | 15         | 277           | ---             | 214          | 2              |
| Saguache    | ---    | 184    | 141    | ---             | 76              | ---        | 239           | ---             | 89           | 64             |
| San Juan    | ---    | ---    | ---    | ---             | ---             | ---        | ---           | ---             | ---          | ---            |
| San Miguel  | 41     | 96     | 121    | 37              | 48              | 7          | 56            | 6               | 102          | ---            |
| Sedgwick    | 378    | 211    | 346    | 306             | 15              | 54         | 150           | 138             | 170          | 126            |
| Summit      | ---    | 12     | 5      | 6               | 1               | 5          | 31            | ---             | ---          | ---            |
| Teller      | 4      | 182    | 33     | 1               | 6               | 2          | 168           | ---             | 7            | ---            |
| Washington  | 1,354  | 393    | 1,078  | ---             | ---             | 238        | 233           | 1,044           | 103          | 65             |
| Weld        | 2,514  | 1,353  | 3,184  | 1,174           | 1,402           | 309        | 1,680         | 547             | 2,995        | 2,764          |
| Yuma        | 1,530  | 358    | 607    | 860             | 141             | 420        | 445           | 1,232           | 60           | 1              |
| State       | 27,837 | 14,114 | 19,193 | 9,592           | 10,948          | 2,767      | 12,348        | 11,542          | 20,847       | 8,484          |

## PERCENTAGE OF TOTAL NUMBER OF FARMS REPORTING PRINCIPAL CROPS, 1930

| COUNTY           | Corn  | Oats  | Barley | Winter<br>Wheat | Spring<br>Wheat | All<br>Rye | Pota-<br>toes | All<br>Sor-<br>ghums* | Al-<br>falfa | Sugar<br>Beets |
|------------------|-------|-------|--------|-----------------|-----------------|------------|---------------|-----------------------|--------------|----------------|
| Adams-----       | 61.51 | 18.49 | 47.46  | 37.85           | 34.19           | 4.95       | 4.30          | 20.57                 | 42.37        | 27.46          |
| Alamosa-----     | ----- | 68.33 | 47.78  | 0.56            | 51.94           | -----      | 81.67         | -----                 | 86.67        | 20.56          |
| Arapahoe-----    | 74.52 | 20.15 | 48.59  | 42.52           | 31.41           | 5.04       | 1.04          | 27.70                 | 47.26        | 7.11           |
| Archuleta-----   | 27.86 | 67.14 | 26.79  | 1.43            | 56.07           | 0.36       | 63.93         | 0.36                  | 40.36        | -----          |
| Baca-----        | 78.55 | 0.55  | 16.09  | 45.45           | 2.27            | 2.00       | -----         | 8.00                  | 2.27         | -----          |
| Bent-----        | 86.71 | 15.66 | 35.26  | 18.03           | 2.11            | 0.39       | -----         | 41.18                 | 60.79        | 29.61          |
| Boulder-----     | 63.47 | 42.24 | 74.18  | 43.67           | 54.90           | 1.12       | 2.04          | -----                 | 93.98        | 43.37          |
| Chaffee-----     | ----- | 59.00 | 61.50  | -----           | 55.50           | 1.00       | 70.00         | -----                 | 73.00        | 4.50           |
| Cheyenne-----    | 99.25 | 7.75  | 48.25  | 11.00           | 9.25            | 1.75       | 0.75          | 78.75                 | -----        | -----          |
| Clear Creek----- | 3.57  | 53.57 | 3.57   | 3.57            | -----           | 3.57       | 39.29         | -----                 | 17.86        | -----          |
| Conejos-----     | ----- | 40.00 | 57.23  | -----           | 47.54           | -----      | 55.69         | -----                 | 56.46        | 4.62           |
| Costilla-----    | 3.33  | 20.30 | 46.97  | 5.45            | 55.15           | -----      | 35.15         | -----                 | 55.15        | 2.73           |
| Crowley-----     | 84.36 | 18.00 | 32.73  | 2.18            | 3.09            | 0.18       | 0.36          | 25.82                 | 74.36        | 48.18          |
| Custer-----      | 12.26 | 66.45 | 44.84  | 6.13            | 19.68           | 8.71       | 83.55         | 0.32                  | 12.58        | -----          |
| Delta-----       | 49.03 | 26.39 | 17.92  | 3.19            | 31.94           | 0.14       | 18.40         | 0.07                  | 68.54        | 15.00          |
| Denver-----      | ----- | ----- | -----  | -----           | -----           | -----      | -----         | -----                 | -----        | -----          |
| Dolores-----     | 66.89 | 33.10 | 13.10  | 40.00           | 22.07           | 1.38       | 28.28         | 16.55                 | 1.38         | -----          |
| Douglas-----     | 86.13 | 73.60 | 38.40  | 33.33           | 19.73           | 22.40      | 16.00         | 8.53                  | 44.53        | -----          |
| Eagle-----       | 0.27  | 36.22 | 13.51  | 2.97            | 25.14           | -----      | 40.27         | -----                 | 75.51        | -----          |
| Elbert-----      | 92.34 | 39.07 | 41.31  | 27.01           | 30.09           | 19.63      | 39.25         | 33.93                 | 31.59        | -----          |
| El Paso-----     | 94.47 | 47.87 | 12.02  | 5.64            | 17.02           | 23.09      | 28.62         | 20.96                 | 12.23        | 1.60           |
| Fremon-----      | 38.43 | 12.25 | 7.42   | 1.69            | 8.88            | 1.91       | 3.26          | 0.56                  | 39.89        | 1.80           |
| Garfield-----    | 20.76 | 45.19 | 32.66  | 1.65            | 54.56           | 1.39       | 53.67         | 0.13                  | 86.46        | 12.53          |
| Gilpin-----      | ----- | 70.00 | 6.67   | -----           | 6.67            | 3.33       | 93.33         | -----                 | -----        | -----          |
| Grand-----       | ----- | 30.00 | 18.64  | 3.18            | 2.73            | 3.64       | 26.36         | -----                 | 8.64         | -----          |
| Gunnison-----    | 0.32  | 17.42 | 16.13  | 0.65            | 7.74            | 1.29       | 62.90         | -----                 | 11.29        | -----          |
| Hinsdale-----    | ----- | 26.67 | 26.67  | -----           | -----           | -----      | 50.00         | -----                 | 20.00        | -----          |
| Huerfano-----    | 65.31 | 37.14 | 24.49  | 9.80            | 14.69           | 1.84       | 4.90          | 15.92                 | 37.46        | 0.61           |
| Jackson-----     | ----- | 1.80  | 1.80   | -----           | -----           | 0.90       | 0.45          | -----                 | -----        | -----          |
| Jefferson-----   | 44.39 | 35.97 | 18.35  | 13.96           | 28.99           | 1.22       | 21.15         | 0.29                  | 51.29        | 3.50           |
| Kiowa-----       | 94.38 | 0.42  | 14.38  | 1.67            | 1.88            | 0.42       | -----         | *142.50               | 3.33         | -----          |
| Kit Carson-----  | 96.91 | 23.82 | 81.40  | 43.97           | 26.99           | 10.74      | 52.72         | 85.59                 | 2.13         | -----          |
| Lake-----        | ----- | ----- | -----  | -----           | -----           | -----      | -----         | -----                 | -----        | -----          |
| La Plata-----    | 32.90 | 54.58 | 39.87  | 4.52            | 65.03           | 0.52       | 66.19         | 1.29                  | 83.61        | -----          |
| Larimer-----     | 43.47 | 39.24 | 61.04  | 27.15           | 33.47           | 1.32       | 8.68          | 0.69                  | 76.18        | 57.08          |
| Las Animas-----  | 83.79 | 21.38 | 11.03  | 6.09            | 7.93            | 0.23       | 4.02          | 51.15                 | 18.51        | 2.53           |
| Lincoln-----     | 93.85 | 8.20  | 46.63  | 25.85           | 28.98           | 12.00      | 38.63         | 71.71                 | 4.10         | 0.20           |
| Logan-----       | 75.92 | 28.42 | 70.49  | 49.46           | 14.32           | 9.82       | 30.18         | 37.78                 | 31.78        | 25.43          |
| Mesa-----        | 70.82 | 20.43 | 9.53   | 8.55            | 20.00           | 0.66       | 22.89         | 0.86                  | 60.20        | 6.80           |
| Mineral-----     | ----- | 33.33 | 40.00  | -----           | -----           | -----      | 3.33          | -----                 | 3.33         | -----          |
| Moffat-----      | 18.14 | 40.86 | 21.14  | 21.44           | 29.86           | 26.71      | 38.43         | 1.57                  | 64.14        | 0.43           |
| Montezuma-----   | 52.55 | 53.14 | 23.73  | 5.29            | 56.67           | 0.78       | 74.90         | 11.18                 | 66.08        | -----          |
| Montrose-----    | 58.04 | 46.27 | 28.82  | 4.90            | 59.61           | 0.39       | 61.27         | -----                 | 80.29        | 25.10          |
| Morgan-----      | 80.57 | 21.86 | 61.65  | 19.21           | 17.92           | 7.81       | 11.97         | 25.30                 | 52.90        | 46.02          |
| Otero-----       | 79.13 | 32.60 | 33.56  | 12.02           | 5.87            | 0.29       | -----         | 12.12                 | 73.75        | 56.06          |
| Ouray-----       | 6.00  | 46.67 | 23.33  | 3.33            | 56.67           | -----      | 84.67         | -----                 | 64.67        | 1.33           |
| Park-----        | ----- | 72.27 | 29.09  | -----           | 5.91            | 14.55      | 75.45         | -----                 | -----        | -----          |
| Phillips-----    | 91.94 | 50.30 | 69.85  | 90.15           | 5.67            | 12.54      | 9.70          | 65.97                 | 3.58         | -----          |
| Pitkin-----      | 0.74  | 80.00 | 16.30  | 1.48            | 46.67           | 2.96       | 76.30         | -----                 | 56.30        | 10.37          |
| Prowers-----     | 86.01 | 12.31 | 51.39  | 32.50           | 3.98            | 0.65       | 0.09          | 65.74                 | 57.22        | 25.83          |
| Pueblo-----      | 80.50 | 19.24 | 18.24  | 12.52           | 11.76           | 0.84       | 0.50          | 20.50                 | 64.96        | 24.87          |
| Rio Blanco-----  | ----- | 44.86 | 8.57   | 16.29           | 40.00           | 2.29       | 52.57         | -----                 | 65.14        | -----          |
| Rio Grande-----  | ----- | 57.67 | 61.16  | -----           | 32.79           | -----      | 67.91         | -----                 | 69.30        | 2.56           |
| Routt-----       | 0.31  | 57.34 | 45.63  | 7.66            | 27.34           | 2.34       | 43.28         | -----                 | 33.44        | 0.31           |
| Saguache-----    | ----- | 52.57 | 40.29  | -----           | 21.71           | -----      | 68.29         | -----                 | 25.43        | 18.29          |
| San Juan-----    | ----- | ----- | -----  | -----           | -----           | -----      | -----         | -----                 | -----        | -----          |
| San Miguel-----  | 17.83 | 41.74 | 52.61  | 16.09           | 20.87           | 3.04       | 24.35         | 2.61                  | 44.35        | -----          |
| Sedgwick-----    | 72.69 | 40.58 | 66.54  | 58.85           | 2.88            | 10.38      | 28.85         | 26.54                 | 32.69        | 24.23          |
| Summit-----      | ----- | 18.18 | 7.58   | 9.09            | 1.52            | 7.58       | 46.97         | -----                 | -----        | -----          |
| Teller-----      | 2.11  | 95.79 | 17.37  | 0.53            | 3.16            | 1.05       | 88.42         | -----                 | 3.68         | -----          |
| Washington-----  | 94.03 | 27.29 | 74.86  | -----           | -----           | 16.53      | 16.18         | 72.50                 | 7.15         | 4.51           |
| Weld-----        | 56.37 | 30.34 | 71.39  | 26.32           | 31.43           | 6.93       | 37.67         | 12.26                 | 67.15        | 61.97          |
| Yuma-----        | 95.92 | 22.45 | 38.06  | 53.92           | 8.84            | 26.33      | 27.90         | 77.24                 | 3.76         | 0.06           |
| State-----       | 61.03 | 30.94 | 42.08  | 21.03           | 24.00           | 6.07       | 27.07         | 25.30                 | 45.70        | 18.60          |

\*Grain and sweet sorghums combined make total in excess of total number of farms.



AVERAGE NUMBER OF ACRES OF PRINCIPAL CROPS FOR EACH FARM REPORTING  
SUCH CROPS IN 1930

| COUNTY           | Corn   | Oats for Grain | Barley | Winter Wheat | Spring Wheat | All Rye | Pota-<br>toes | All Sor-<br>ghums | Al-<br>falfa | Sugar<br>Beets |
|------------------|--------|----------------|--------|--------------|--------------|---------|---------------|-------------------|--------------|----------------|
| Adams-----       | 41.35  | 9.96           | 33.69  | 106.53       | 46.33        | 32.35   | 2.00          | 18.12             | 28.78        | 27.78          |
| Alamosa-----     | -----  | 20.04          | 15.70  | 10.00        | 12.62        | -----   | 19.83         | -----             | 55.29        | 16.08          |
| Arapahoe-----    | 44.27  | 11.47          | 27.47  | 135.16       | 57.36        | 35.50   | 1.43          | 18.88             | 39.12        | 28.75          |
| Archuleta-----   | 5.38   | 8.88           | 6.80   | 10.00        | 9.17         | -----   | 0.89          | -----             | 43.27        | -----          |
| Baca-----        | 65.37  | 30.00          | 28.31  | 259.00       | 78.40        | 52.04   | -----         | 55.56             | 45.60        | -----          |
| Bent-----        | 39.73  | 9.83           | 18.96  | 22.92        | 21.88        | 40.00   | -----         | 42.94             | 65.54        | 23.73          |
| Boulder-----     | 16.75  | 11.23          | 11.33  | 24.98        | 13.79        | 21.09   | 2.50          | -----             | 25.16        | 22.96          |
| Chaffee-----     | -----  | 11.78          | 16.34  | -----        | 7.57         | 20.00   | 2.79          | -----             | 35.07        | 8.89           |
| Cheyenne-----    | 213.15 | 25.16          | 59.90  | 117.73       | 59.73        | 60.14   | 10.00         | 41.71             | -----        | -----          |
| Clear Creek----- | -----  | 12.67          | 10.00  | -----        | -----        | 10.00   | 1.82          | -----             | 4.00         | -----          |
| Conejos-----     | -----  | 20.96          | 22.63  | -----        | 16.05        | -----   | 14.97         | -----             | 65.69        | 10.67          |
| Costilla-----    | -----  | 9.55           | 16.26  | 17.78        | 8.68         | -----   | 5.95          | -----             | 31.43        | 2.22           |
| Crowley-----     | 28.04  | 11.01          | 15.17  | 12.50        | 7.06         | 35.00   | 5.00          | 19.93             | 38.14        | 22.49          |
| Custer-----      | 22.11  | 12.77          | 13.24  | 9.47         | 7.70         | 14.85   | 6.64          | 10.00             | 105.64       | -----          |
| Delta-----       | 6.57   | 2.87           | 8.68   | 9.13         | 5.85         | 7.00    | 2.72          | -----             | 31.05        | 13.10          |
| Denver-----      | -----  | -----          | -----  | -----        | -----        | -----   | -----         | -----             | -----        | -----          |
| Dolores-----     | 17.22  | 19.17          | 20.53  | 36.72        | 51.25        | 130.50  | 4.39          | 6.25              | 85.00        | -----          |
| Douglas-----     | 44.55  | 25.94          | 20.14  | 38.24        | 11.89        | 23.42   | 0.67          | 19.69             | 43.71        | -----          |
| Eagle-----       | -----  | 11.04          | 6.20   | 11.82        | 8.28         | -----   | 8.19          | -----             | 18.82        | -----          |
| Elbert-----      | 41.03  | 24.69          | 22.31  | 62.01        | 40.75        | 28.50   | 1.29          | 14.16             | 32.96        | -----          |
| El Paso-----     | 51.39  | 37.47          | 23.72  | 27.92        | 20.19        | 33.02   | 1.56          | 17.97             | 92.35        | 40.67          |
| Fremont-----     | 8.22   | 14.50          | 11.97  | 11.33        | 5.19         | 9.76    | 7.59          | 2.00              | 19.01        | 4.38           |
| Garfield-----    | 5.12   | 7.03           | 9.61   | 8.46         | 10.53        | 23.45   | 5.99          | -----             | 56.05        | 17.47          |
| Gilpin-----      | -----  | 18.57          | 5.00   | -----        | 5.00         | 10.00   | 2.50          | -----             | -----        | -----          |
| Grand-----       | -----  | 14.85          | 16.59  | 12.86        | 1.67         | 18.13   | 1.38          | -----             | 25.79        | -----          |
| Gunnison-----    | -----  | 12.04          | 7.60   | 20.00        | 4.17         | 4.75    | 1.18          | -----             | 56.00        | -----          |
| Hinsdale-----    | -----  | 43.75          | 6.25   | -----        | -----        | -----   | 1.33          | -----             | 8.33         | -----          |
| Huerfano-----    | 19.19  | 10.60          | 8.42   | 52.92        | 6.11         | 7.44    | 5.83          | 13.59             | 80.65        | 13.33          |
| Jackson-----     | -----  | 40.00          | 10.00  | -----        | -----        | 32.00   | 40.00         | -----             | -----        | -----          |
| Jefferson-----   | 11.69  | 10.56          | 15.76  | 38.97        | 14.47        | 12.29   | 2.04          | 7.50              | 23.59        | 20.85          |
| Kiowa-----       | 132.91 | 80.00          | 58.70  | 88.75        | 71.11        | 60.00   | -----         | 33.70             | 116.25       | -----          |
| Kit Carson-----  | 112.39 | 21.33          | 73.72  | 97.19        | 59.51        | 45.77   | 0.54          | 20.04             | 38.62        | -----          |
| Lake-----        | -----  | -----          | -----  | -----        | -----        | -----   | -----         | -----             | -----        | -----          |
| La Plata-----    | 8.78   | 14.14          | 8.93   | 31.14        | 17.58        | 8.50    | 1.62          | 11.00             | 36.67        | -----          |
| Larimer-----     | 21.15  | 10.64          | 19.43  | 42.51        | 24.44        | 16.16   | 3.84          | 5.00              | 42.09        | 28.10          |
| Las Animas-----  | 31.85  | 9.25           | 25.10  | 60.57        | 10.58        | 30.00   | -----         | 20.34             | 93.79        | 32.73          |
| Lincoln-----     | 97.34  | 18.33          | 65.10  | 87.58        | 72.73        | 45.28   | 1.16          | 28.39             | 59.76        | -----          |
| Logan-----       | 71.69  | 16.49          | 50.15  | 150.68       | 51.99        | 55.36   | 1.75          | 16.09             | 38.41        | 42.42          |
| Mesa-----        | 8.33   | 6.44           | 7.91   | 9.50         | 5.90         | 15.88   | 2.41          | 8.18              | 21.57        | 10.98          |
| Mineral-----     | -----  | 15.00          | 10.33  | -----        | -----        | -----   | -----         | -----             | 20.00        | -----          |
| Moffat-----      | 8.50   | 14.02          | 14.86  | 26.10        | 19.23        | 34.10   | 2.01          | 9.09              | 35.95        | -----          |
| Montezuma-----   | 10.90  | 18.78          | 11.32  | 34.81        | 21.18        | 15.75   | 1.91          | 4.56              | 55.45        | -----          |
| Montrose-----    | 7.21   | 10.91          | 9.08   | 9.60         | 12.98        | 19.25   | 6.43          | -----             | 39.62        | 10.78          |
| Morgan-----      | 64.94  | 13.64          | 27.44  | 117.39       | 58.84        | 41.42   | 7.66          | 20.51             | 35.20        | 40.16          |
| Otero-----       | 16.12  | 7.67           | 9.51   | 12.72        | 11.64        | 6.67    | -----         | 23.57             | 24.69        | 23.76          |
| Ouray-----       | 22.22  | 11.86          | 17.14  | 10.00        | 11.88        | -----   | 1.57          | -----             | 28.25        | -----          |
| Park-----        | -----  | 3.02           | 8.28   | -----        | 4.62         | 16.16   | 8.25          | -----             | -----        | -----          |
| Phillips-----    | 112.69 | 27.80          | 53.14  | 202.55       | 51.05        | 57.98   | 2.92          | 13.64             | 35.83        | -----          |
| Pitkin-----      | -----  | 14.54          | 5.45   | -----        | 7.30         | 97.50   | 6.31          | -----             | 35.53        | -----          |
| Prowers-----     | 37.05  | 12.56          | 35.80  | 51.85        | 37.44        | 18.86   | -----         | 37.55             | 73.79        | 25.95          |
| Pueblo-----      | 25.17  | 9.48           | 11.43  | 65.37        | 11.14        | 21.80   | 1.67          | 17.83             | 25.28        | 23.18          |
| Rio Blanco-----  | -----  | 15.35          | 17.00  | 25.44        | 20.14        | 36.38   | 0.27          | -----             | 78.86        | -----          |
| Rio Grande-----  | -----  | 31.05          | 25.93  | -----        | 18.51        | -----   | 67.94         | -----             | 75.53        | 0.91           |
| Routt-----       | 35.00  | 26.54          | 15.75  | 40.20        | 22.06        | 9.93    | 3.32          | -----             | 33.69        | -----          |
| Saguache-----    | -----  | 23.42          | 22.55  | -----        | 16.32        | -----   | 31.17         | -----             | 107.75       | -----          |
| San Juan-----    | -----  | -----          | -----  | -----        | -----        | -----   | -----         | -----             | -----        | -----          |
| San Miguel-----  | 7.80   | 13.13          | 10.99  | 17.57        | 8.75         | 23.14   | 2.86          | 5.00              | 55.20        | -----          |
| Sedgwick-----    | 58.04  | 21.90          | 49.57  | 265.75       | 26.67        | 55.72   | 2.93          | 15.14             | 29.47        | 39.37          |
| Summit-----      | -----  | 14.17          | 14.00  | 8.33         | 10.00        | 9.80    | 0.97          | -----             | -----        | -----          |
| Teller-----      | 12.50  | 6.87           | 9.39   | 10.00        | 5.00         | 75.00   | 7.68          | -----             | 17.14        | -----          |
| Washington-----  | 102.51 | 13.16          | 61.85  | -----        | -----        | 59.29   | 1.80          | 20.79             | 41.55        | 23.23          |
| Weld-----        | 32.57  | 12.65          | 27.80  | 117.58       | 40.24        | 45.06   | 11.73         | 18.85             | 31.02        | 33.46          |
| Yuma-----        | 133.48 | 15.50          | 45.32  | 144.88       | 67.09        | 59.86   | 1.30          | 17.21             | 40.17        | -----          |
| State-----       | 54.46  | 15.02          | 31.89  | 119.58       | 28.50        | 43.37   | 6.96          | 25.04             | 38.42        | 28.64          |

## PER CENT OF HARVESTED AREA DEVOTED TO PRINCIPAL CROPS, 1930

| COUNTY            | Corn  | Winter<br>Wheat | Spring<br>Wheat | Oats  | Barley | All<br>Rye | All<br>Sor-<br>ghums | Pota-<br>toes | Sugar<br>Beets |
|-------------------|-------|-----------------|-----------------|-------|--------|------------|----------------------|---------------|----------------|
| Adams -----       | 16.75 | 26.56           | 10.43           | 1.21  | 10.53  | 1.05       | 2.45                 | 0.06          | 5.02           |
| Alamosa -----     | ----- | 0.03            | 3.79            | 7.93  | 4.34   | -----      | -----                | 9.37          | 1.91           |
| Arapahoe -----    | 17.34 | 30.21           | 9.47            | 1.21  | 7.02   | 0.94       | 2.75                 | 0.01          | 1.07           |
| Archuleta -----   | 1.94  | 0.18            | 6.64            | 7.70  | 2.35   | -----      | -----                | 0.74          | -----          |
| Raca -----        | 18.63 | 42.71           | 0.65            | 0.06  | 1.65   | 0.38       | 16.12                | -----         | -----          |
| Bent -----        | 28.41 | 3.41            | 0.38            | 1.27  | 5.51   | 0.13       | 14.58                | 0.01          | 5.79           |
| Boulder -----     | 12.69 | 13.02           | 9.03            | 5.66  | 10.03  | 0.28       | -----                | 0.06          | 11.88          |
| Chaffee -----     | 0.05  | -----           | 4.56            | 7.55  | 10.91  | 0.22       | -----                | 2.12          | 0.43           |
| Cheyenne -----    | 67.66 | 4.14            | 1.76            | 0.62  | 9.23   | 0.34       | 10.49                | 0.02          | -----          |
| Clear Creek ----- | ----- | -----           | -----           | 15.77 | 0.83   | 0.83       | -----                | 1.66          | -----          |
| Conejos -----     | ----- | -----           | 5.67            | 6.23  | 9.63   | -----      | -----                | 6.20          | 0.37           |
| Costilla -----    | ----- | 1.07            | 5.30            | 2.15  | 8.45   | 0.12       | -----                | 2.31          | 0.07           |
| Crowley -----     | 22.85 | 0.26            | 0.21            | 1.91  | 4.79   | 0.06       | 4.97                 | 0.02          | 10.47          |
| Custer -----      | 3.06  | 0.65            | 1.71            | 9.57  | 6.70   | 1.46       | 0.04                 | 6.26          | -----          |
| Delta -----       | 9.24  | 0.84            | 5.36            | 2.17  | 4.46   | 0.03       | -----                | 1.43          | 5.64           |
| Denver -----      | ----- | -----           | -----           | ----- | -----  | -----      | -----                | -----         | -----          |
| Dolores -----     | 13.30 | 16.96           | 13.06           | 7.32  | 3.10   | 2.08       | 1.19                 | 1.43          | -----          |
| Douglas -----     | 28.15 | 9.39            | 1.73            | 14.06 | 5.69   | 3.86       | 1.24                 | 0.08          | -----          |
| Eagle -----       | ----- | 0.47            | 2.78            | 5.34  | 1.12   | -----      | -----                | 4.40          | -----          |
| Elbert -----      | 22.77 | 10.06           | 7.37            | 5.80  | 5.54   | 3.36       | 2.89                 | 0.30          | -----          |
| El Paso -----     | 30.02 | 0.97            | 2.13            | 11.09 | 1.76   | 4.71       | 2.33                 | 0.28          | 0.40           |
| Fremont -----     | 13.43 | 0.81            | 1.96            | 7.55  | 3.78   | 0.79       | 0.05                 | 1.05          | 0.33           |
| Garfield -----    | 1.48  | 0.19            | 8.02            | 4.44  | 4.38   | 0.46       | -----                | 4.49          | 3.06           |
| Gilpin -----      | ----- | -----           | 0.05            | 26.40 | 0.51   | 0.51       | -----                | 3.55          | -----          |
| Grand -----       | ----- | 0.30            | 0.03            | 3.25  | 2.26   | 0.48       | -----                | 0.27          | -----          |
| Gunnison -----    | ----- | 0.08            | 0.19            | 1.23  | 0.72   | 0.04       | -----                | 0.44          | -----          |
| Hinsdale -----    | ----- | -----           | -----           | 9.47  | 1.35   | -----      | -----                | 0.54          | -----          |
| Huerfano -----    | 16.83 | 6.96            | 1.21            | 5.29  | 2.77   | 0.18       | 2.90                 | 0.38          | 0.11           |
| Jackson -----     | ----- | -----           | -----           | 0.18  | 0.05   | 0.07       | -----                | 0.05          | -----          |
| Jefferson -----   | 12.91 | 13.54           | 10.44           | 9.45  | 7.20   | 0.37       | 0.05                 | 1.07          | 1.75           |
| Kiowa -----       | 63.72 | 0.75            | 0.68            | 0.17  | 4.29   | 0.13       | 24.39                | 0.01          | -----          |
| Kit Carson -----  | 40.85 | 16.03           | 6.02            | 1.91  | 22.50  | 1.84       | 6.43                 | 0.11          | -----          |
| Lake -----        | ----- | -----           | -----           | ----- | -----  | -----      | -----                | -----         | -----          |
| La Plata -----    | 4.02  | 1.96            | 15.91           | 10.74 | 4.96   | 0.06       | 0.20                 | 1.49          | -----          |
| Larimer -----     | 8.99  | 11.29           | 8.00            | 4.08  | 11.60  | 0.21       | 0.03                 | 0.33          | 15.69          |
| Las Animas -----  | 27.88 | 3.85            | 0.88            | 2.07  | 2.89   | 0.07       | 10.87                | -----         | 0.86           |
| Lincoln -----     | 36.29 | 9.00            | 8.37            | 0.60  | 12.06  | 2.16       | 8.09                 | 0.18          | -----          |
| Logan -----       | 23.91 | 32.75           | 3.27            | 2.06  | 15.53  | 2.39       | 2.67                 | 0.23          | 4.74           |
| Mesa -----        | 19.39 | 2.67            | 3.88            | 4.33  | 2.48   | 0.35       | 0.23                 | 1.81          | 2.45           |
| Mineral -----     | ----- | -----           | -----           | 4.46  | 3.87   | -----      | -----                | -----         | -----          |
| Moffat -----      | 2.03  | 7.55            | 7.55            | 7.53  | 4.13   | 11.97      | 0.19                 | 1.01          | -----          |
| Montezuma -----   | 6.34  | 2.05            | 13.34           | 11.09 | 2.99   | 0.14       | 0.57                 | 1.59          | -----          |
| Montrose -----    | 6.22  | 0.70            | 11.50           | 7.50  | 3.89   | 0.11       | -----                | 5.86          | 4.02           |
| Morgan -----      | 29.96 | 12.91           | 6.04            | 1.71  | 9.68   | 1.85       | 2.97                 | 0.53          | 10.58          |
| Otero -----       | 17.40 | 2.09            | 0.93            | 3.41  | 4.35   | 0.03       | 3.89                 | -----         | 18.16          |
| Ouray -----       | 1.39  | 0.35            | 7.04            | 5.78  | 4.18   | 0.47       | -----                | 1.39          | -----          |
| Park -----        | ----- | -----           | 0.14            | 1.10  | 1.22   | 1.19       | -----                | 3.15          | -----          |
| Phillips -----    | 28.23 | 49.75           | 0.79            | 3.81  | 10.11  | 1.98       | 2.45                 | 0.08          | -----          |
| Pitkin -----      | ----- | -----           | 3.46            | 11.81 | 0.90   | 2.93       | -----                | 4.89          | -----          |
| Prowers -----     | 20.58 | 10.88           | 0.96            | 1.00  | 8.56   | 0.08       | 15.95                | -----         | 4.33           |
| Pueblo -----      | 23.35 | 9.43            | 1.51            | 2.10  | 2.40   | 0.21       | 4.21                 | 0.01          | 6.64           |
| Rio Blanco -----  | ----- | 3.27            | 6.35            | 5.43  | 1.15   | 0.66       | -----                | 0.11          | -----          |
| Rio Grande -----  | ----- | -----           | 2.64            | 7.79  | 6.90   | -----      | -----                | 20.07         | 0.01           |
| Routt -----       | 0.09  | 2.50            | 4.90            | 12.37 | 5.84   | 0.19       | 0.04                 | 1.17          | -----          |
| Saguache -----    | ----- | -----           | 1.24            | 4.33  | 3.19   | -----      | -----                | 7.48          | -----          |
| San Juan -----    | ----- | -----           | -----           | ----- | -----  | -----      | -----                | -----         | -----          |
| San Miguel -----  | 2.14  | 4.34            | 2.80            | 8.41  | 8.88   | 1.08       | 0.20                 | 1.07          | -----          |
| Sedgwick -----    | 21.08 | 51.51           | 0.25            | 2.93  | 10.86  | 1.91       | 1.32                 | 0.23          | 3.14           |
| Summit -----      | ----- | 0.50            | 0.10            | 1.71  | 0.70   | 0.49       | -----                | 0.30          | -----          |
| Teller -----      | 0.39  | 0.08            | 0.23            | 9.73  | 2.41   | 1.17       | -----                | 10.04         | -----          |
| Washington -----  | 35.67 | 20.36           | 5.18            | 1.33  | 17.13  | 3.63       | 5.58                 | 0.11          | 0.39           |
| Weld -----        | 11.21 | 18.89           | 7.71            | 2.34  | 12.11  | 1.91       | 1.41                 | 2.70          | 12.65          |
| Yuma -----        | 46.50 | 28.37           | 2.15            | 1.26  | 6.26   | 5.72       | 4.83                 | 0.13          | -----          |
| State -----       | 22.51 | 17.00           | 4.63            | 3.14  | 9.07   | 1.78       | 4.28                 | 1.27          | 3.60           |

PERCENTAGE OF CROPS GROWN WITH AND WITHOUT IRRIGATION, 1930

| COUNTY           | OATS        |                 | BARLEY      |                 | POTATOES    |                 | CORN        |                 | DRY BEANS   |                 |
|------------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|
|                  | % Irrigated | % Non-Irrigated | % Irrigated | % Non-Irrigated | % Irrigated | % Non-Irrigated | % Irrigated | % Non-Irrigated | % Irrigated | % Non-Irrigated |
| Adams-----       | 62.5        | 37.5            | 15.7        | 84.3            | 89.0        | 11.0            | 7.2         | 92.8            | 1.6         | 98.4            |
| Alamosa-----     | 100.0       | ---             | 100.0       | ---             | 100.0       | ---             | ---         | ---             | ---         | ---             |
| Arapahoe-----    | 31.3        | 68.7            | 8.6         | 91.4            | 100.0       | ---             | 2.7         | 97.3            | 0.3         | 99.7            |
| Archuleta-----   | 12.4        | 87.6            | 20.1        | 79.9            | ---         | 100.0           | 85.9        | 14.1            | 8.0         | 92.0            |
| Baca-----        | ---         | 100.0           | ---         | 100.0           | ---         | ---             | ---         | 100.0           | ---         | 100.0           |
| Bent-----        | 100.0       | ---             | 97.9        | 2.1             | 5.00        | 50.0            | 46.4        | 53.6            | 14.6        | 85.4            |
| Boulder-----     | 87.7        | 12.3            | 96.7        | 3.3             | 100.0       | ---             | 73.1        | 26.9            | 46.2        | 53.8            |
| Chaffee-----     | 100.0       | ---             | 100.0       | ---             | 100.0       | ---             | 100.0       | ---             | ---         | ---             |
| Cheyenne-----    | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           |
| Clear Creek----- | 2.6         | 97.4            | ---         | 100.0           | 10.5        | 89.5            | ---         | 100.0           | ---         | ---             |
| Conejos-----     | 99.0        | 1.0             | 100.0       | ---             | 100.0       | ---             | ---         | ---             | 100.0       | ---             |
| Costilla-----    | 100.0       | ---             | 100.0       | ---             | 100.0       | ---             | ---         | ---             | 100.0       | ---             |
| Crowley-----     | 99.4        | 0.6             | 99.8        | 0.2             | ---         | 100.0           | 52.6        | 47.4            | 16.8        | 83.2            |
| Custer-----      | 41.8        | 58.2            | 38.3        | 61.7            | 3.9         | 96.1            | 11.4        | 88.6            | ---         | ---             |
| Delta-----       | 97.8        | 2.2             | 99.2        | 0.8             | 99.7        | 0.3             | 96.9        | 3.1             | 87.6        | 12.4            |
| Denver-----      | ---         | ---             | ---         | ---             | ---         | ---             | ---         | ---             | ---         | ---             |
| Dolores-----     | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           |
| Douglas-----     | 0.3         | 99.7            | 0.2         | 99.8            | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           |
| Eagle-----       | 98.7        | 1.3             | 96.0        | 4.0             | 99.3        | 0.7             | 100.0       | ---             | ---         | ---             |
| Elbert-----      | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           |
| El Paso-----     | 1.4         | 98.6            | 17.9        | 82.1            | 0.2         | 99.8            | 1.9         | 98.1            | 0.1         | 99.9            |
| Fremont-----     | 37.3        | 62.7            | 66.7        | 33.3            | ---         | 100.0           | 77.2        | 22.8            | 63.2        | 36.8            |
| Garfield-----    | 94.5        | 5.5             | 92.7        | 7.3             | 98.0        | 2.0             | 88.9        | 11.1            | 100.0       | ---             |
| Gilpin-----      | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | ---             | ---         | ---             |
| Grand-----       | 100.0       | ---             | 100.0       | ---             | 98.4        | 1.6             | ---         | ---             | ---         | ---             |
| Gunnison-----    | 23.9        | 76.1            | 45.7        | 54.3            | 31.8        | 68.2            | ---         | 100.0           | ---         | ---             |
| Hinsdale-----    | 8.9         | 91.1            | 50.0        | 50.0            | 90.9        | 9.1             | ---         | ---             | ---         | ---             |
| Huerfano-----    | 25.5        | 74.5            | 49.3        | 50.7            | 17.9        | 82.1            | 6.1         | 93.9            | 4.0         | 96.0            |
| Jackson-----     | 84.6        | 15.4            | 100.0       | ---             | ---         | 100.0           | ---         | ---             | ---         | ---             |
| Jefferson-----   | 50.6        | 49.4            | 78.6        | 21.4            | 17.9        | 82.1            | 56.0        | 44.0            | 100.0       | ---             |
| Kiowa-----       | ---         | 100.0           | 0.7         | 99.3            | 0.2         | 99.8            | ---         | 100.0           | ---         | 100.0           |
| Kit Carson-----  | 0.3         | 99.7            | ---         | 100.0           | 0.2         | 99.8            | ---         | 100.0           | ---         | 100.0           |
| Lake-----        | ---         | ---             | ---         | ---             | ---         | ---             | ---         | ---             | ---         | ---             |
| La Plata-----    | 72.0        | 28.0            | 72.4        | 27.6            | 65.0        | 35.0            | 37.0        | 63.0            | 57.0        | 43.0            |
| Larimer-----     | 81.1        | 18.9            | 80.5        | 19.5            | 77.2        | 22.8            | 58.5        | 41.5            | 36.2        | 63.8            |
| Las Animas-----  | 38.7        | 61.3            | 13.8        | 86.2            | 26.9        | 73.1            | 4.4         | 95.6            | 7.9         | 92.1            |
| Lincoln-----     | ---         | 100.0           | 0.1         | 99.9            | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           |
| Logan-----       | 40.4        | 59.6            | 21.9        | 78.1            | 22.4        | 77.6            | 5.6         | 94.4            | 14.6        | 85.4            |
| Mesa-----        | 90.3        | 9.7             | 89.0        | 11.0            | 83.0        | 17.0            | 92.9        | 7.1             | 93.0        | 7.0             |
| Mineral-----     | 100.0       | ---             | 100.0       | ---             | ---         | ---             | ---         | ---             | ---         | ---             |
| Moffat-----      | 15.2        | 84.8            | 6.2         | 93.8            | 7.4         | 92.6            | ---         | 100.0           | ---         | 100.0           |
| Montezuma-----   | 74.4        | 25.6            | 75.5        | 24.5            | 52.3        | 47.7            | 20.4        | 79.6            | 6.2         | 93.8            |
| Montrose-----    | 99.6        | 0.4             | 99.9        | 0.1             | 99.0        | 1.0             | 98.5        | 1.5             | 94.2        | 5.8             |
| Morgan-----      | 59.4        | 40.6            | 44.8        | 55.2            | 97.8        | 2.2             | 8.6         | 91.4            | 10.5        | 89.5            |
| Otero-----       | 100.0       | ---             | 95.1        | 4.9             | 50.0        | 50.0            | 85.7        | 14.3            | 96.5        | 3.5             |
| Ouray-----       | 85.1        | 14.9            | 36.4        | 63.6            | 58.3        | 41.7            | 99.5        | 0.5             | ---         | ---             |
| Park-----        | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | ---             | ---         | ---             |
| Phillips-----    | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           |
| Pitkin-----      | 100.0       | ---             | 100.0       | ---             | 100.0       | ---             | ---         | ---             | ---         | ---             |
| Prowers-----     | 86.2        | 13.8            | 65.5        | 34.5            | 50.0        | 50.0            | 41.2        | 58.8            | 57.8        | 42.2            |
| Pueblo-----      | 46.3        | 53.7            | 79.7        | 20.3            | ---         | 100.0           | 35.8        | 64.2            | 16.1        | 83.9            |
| Rio Blanco-----  | 69.0        | 31.0            | 7.5         | 92.5            | 12.8        | 87.2            | ---         | ---             | ---         | ---             |
| Rio Grande-----  | 100.0       | ---             | 100.0       | ---             | 100.0       | ---             | ---         | ---             | ---         | ---             |
| Routt-----       | 3.7         | 96.3            | 3.7         | 96.3            | 7.4         | 92.6            | 100.0       | ---             | ---         | ---             |
| Saguache-----    | 100.0       | ---             | 100.0       | ---             | 100.0       | ---             | ---         | ---             | ---         | ---             |
| San Juan-----    | ---         | ---             | ---         | ---             | ---         | ---             | ---         | ---             | ---         | ---             |
| San Miguel-----  | 43.0        | 57.0            | 26.3        | 73.7            | 14.1        | 85.9            | 21.2        | 78.8            | ---         | 100.0           |
| Sedgwick-----    | 28.6        | 71.4            | 20.5        | 79.5            | 90.3        | 9.7             | 8.5         | 91.5            | 82.5        | 17.5            |
| Summit-----      | 99.4        | 0.6             | 95.7        | 4.3             | 65.6        | 34.4            | ---         | ---             | ---         | ---             |
| Teller-----      | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | 100.0           | ---         | ---             |
| Washington-----  | 3.2         | 96.8            | 1.8         | 98.2            | 5.5         | 94.5            | 0.7         | 99.3            | 0.8         | 99.2            |
| Weld-----        | 65.1        | 34.9            | 50.4        | 49.6            | 97.2        | 2.8             | 20.1        | 79.9            | 30.2        | 69.8            |
| Yuma-----        | 0.1         | 99.9            | 0.4         | 99.6            | 10.0        | 90.0            | ---         | 100.0           | ---         | 100.0           |
| State-----       | 42.4        | 57.6            | 27.5        | 72.5            | 83.1        | 16.9            | 9.1         | 90.9            | 12.4        | 87.6            |



**AVERAGE YIELD, IN BUSHEL, OF PRINCIPAL CROPS PER ACRE FOR FIVE YEARS  
ENDING WITH 1930**

| COUNTY           | WINTER WHEAT |               | SPRING WHEAT |               | CORN      |               | BARLEY    |               | POTATOES  |               |
|------------------|--------------|---------------|--------------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|
|                  | Irrigated    | Non-Irrigated | Irrigated    | Non-Irrigated | Irrigated | Non-Irrigated | Irrigated | Non-Irrigated | Irrigated | Non-Irrigated |
| Adams-----       | 29.22        | 11.14         | 30.39        | 9.36          | 34.35     | 12.89         | 39.01     | 15.09         | 116.95    | 37.80         |
| Alamosa-----     | 28.00        | -----         | 25.08        | -----         | -----     | -----         | 32.15     | -----         | 171.93    | -----         |
| Arapahoe-----    | 19.87        | 12.20         | 29.58        | 9.78          | 33.96     | 13.58         | 40.23     | 15.46         | 101.25    | 48.00         |
| Archuleta-----   | 30.43        | 14.81         | 28.09        | 12.46         | 31.81     | 14.01         | 38.11     | 18.87         | 109.08    | 60.85         |
| Baca-----        | 22.62        | 9.09          | 21.00        | 6.54          | 35.41     | 12.87         | 29.88     | 11.64         | -----     | -----         |
| Bent-----        | 32.01        | 2.08          | 28.32        | 9.08          | 39.58     | 12.56         | 40.78     | 11.69         | 92.00     | 45.00         |
| Boulder-----     | 32.56        | 15.66         | 31.22        | 13.57         | 35.63     | 17.69         | 43.44     | 20.52         | 112.44    | 32.00         |
| Chaffee-----     | 30.00        | -----         | 26.08        | -----         | 45.00     | 12.00         | 38.11     | -----         | 123.14    | -----         |
| Cheyenne-----    | -----        | 5.09          | 26.00        | 7.05          | -----     | 11.78         | -----     | 10.55         | -----     | 45.95         |
| Clear Creek----- | -----        | -----         | -----        | -----         | -----     | -----         | 34.00     | 17.33         | 110.00    | 48.00         |
| Conejos-----     | -----        | -----         | 25.21        | -----         | 24.92     | -----         | 38.08     | -----         | 163.89    | -----         |
| Costilla-----    | 31.76        | -----         | 24.07        | 12.00         | 24.07     | 8.00          | 35.92     | 8.00          | 160.02    | 40.00         |
| Crowley-----     | 30.98        | -----         | 25.13        | -----         | 38.52     | 11.60         | 42.26     | 11.00         | 77.50     | 40.00         |
| Custer-----      | 29.63        | 14.77         | 25.43        | 12.16         | 38.62     | 13.07         | 33.51     | 14.46         | 143.78    | 85.90         |
| Delta-----       | 31.58        | 14.79         | 31.71        | 10.50         | 39.41     | 18.63         | 44.49     | 17.48         | 128.97    | 61.64         |
| Denver-----      | -----        | -----         | -----        | -----         | -----     | -----         | -----     | -----         | -----     | -----         |
| Dolores-----     | -----        | 12.25         | -----        | 11.99         | -----     | 13.04         | -----     | 16.30         | -----     | 51.74         |
| Douglas-----     | 26.23        | 13.37         | 26.65        | 10.94         | 32.57     | 14.70         | 33.50     | 19.31         | -----     | 53.27         |
| Eagle-----       | 35.44        | 16.67         | 33.79        | 14.73         | -----     | -----         | 46.41     | 20.18         | 207.16    | 36.09         |
| Elbert-----      | 26.18        | 12.47         | 23.35        | 9.42          | -----     | 13.06         | 38.00     | 14.06         | -----     | 53.92         |
| El Paso-----     | 29.65        | 12.91         | 26.63        | 9.22          | 30.82     | 12.36         | 35.92     | 13.97         | 93.33     | 57.70         |
| Fremont-----     | 29.62        | 10.17         | 27.99        | 10.53         | 40.22     | 13.24         | 40.67     | 13.62         | 115.00    | 59.09         |
| Garfield-----    | 31.58        | 16.65         | 32.06        | 16.99         | 35.90     | 15.39         | 42.43     | 18.28         | 183.92    | 53.06         |
| Gilpin-----      | -----        | -----         | -----        | 12.80         | -----     | -----         | -----     | 17.85         | -----     | 45.05         |
| Grand-----       | 29.44        | 16.48         | 29.90        | 12.20         | -----     | -----         | 46.55     | 20.25         | 134.79    | 40.83         |
| Gunnison-----    | 29.00        | 14.43         | 29.81        | 16.68         | 30.00     | -----         | 35.78     | 16.99         | 137.32    | 61.67         |
| Hinsdale-----    | -----        | -----         | -----        | -----         | -----     | -----         | 36.25     | 18.75         | 126.90    | -----         |
| Huerfano-----    | 29.33        | 12.24         | 24.11        | 9.54          | 30.18     | 11.06         | 38.29     | 16.50         | 134.55    | 82.94         |
| Jackson-----     | 38.29        | -----         | 26.33        | -----         | 21.00     | -----         | 34.09     | 21.67         | 111.25    | 102.22        |
| Jefferson-----   | 31.96        | 15.33         | 31.55        | 13.33         | 33.09     | 14.60         | 41.20     | 17.01         | 125.31    | 59.89         |
| Kiowa-----       | 30.00        | 4.47          | 27.21        | 5.21          | 27.00     | 11.04         | 39.00     | 9.37          | 100.00    | 40.00         |
| Kit Carson-----  | -----        | 7.68          | 26.78        | 7.22          | 28.67     | 11.97         | 38.00     | 12.40         | -----     | 45.48         |
| Lake-----        | -----        | -----         | -----        | -----         | -----     | -----         | -----     | -----         | -----     | -----         |
| La Plata-----    | 31.45        | 16.18         | 27.76        | 12.62         | 32.24     | 16.39         | 37.11     | 18.84         | 129.76    | 62.26         |
| Larimer-----     | 34.52        | 16.68         | 32.33        | 14.51         | 36.37     | 16.41         | 47.22     | 20.87         | 139.26    | 53.62         |
| Las Animas-----  | 30.43        | 5.66          | 25.22        | 4.96          | 36.10     | 10.09         | 38.25     | 10.60         | 126.67    | 38.79         |
| Lincoln-----     | 30.10        | 9.64          | 25.00        | 7.20          | 33.50     | 12.50         | 38.00     | 10.64         | 85.00     | 51.82         |
| Logan-----       | 28.89        | 12.09         | 28.23        | 9.37          | 35.51     | 15.04         | 42.27     | 16.66         | 131.88    | 57.88         |
| Mesa-----        | 31.18        | 13.62         | 30.28        | 12.29         | 39.86     | 15.02         | 40.50     | 16.72         | 103.35    | 41.55         |
| Mineral-----     | -----        | -----         | -----        | -----         | -----     | -----         | 35.75     | -----         | 113.33    | -----         |
| Moffat-----      | 31.10        | 17.55         | 28.79        | 15.24         | 24.83     | 14.53         | 43.24     | 23.74         | 161.15    | 65.99         |
| Montezuma-----   | 27.15        | 14.01         | 27.41        | 12.00         | 31.69     | 15.75         | 34.91     | 16.39         | 128.48    | 56.01         |
| Montrose-----    | 31.94        | 15.09         | 31.98        | 11.96         | 39.16     | 16.99         | 41.58     | 14.63         | 137.50    | 41.37         |
| Morgan-----      | 27.11        | 10.53         | 29.34        | 9.05          | 39.05     | 13.24         | 44.86     | 15.63         | 159.10    | 47.49         |
| Otero-----       | 32.39        | 9.75          | 29.53        | 7.28          | 40.76     | 11.05         | 40.49     | 10.98         | 85.86     | 50.00         |
| Ouray-----       | 32.40        | 15.18         | 30.72        | 13.39         | 46.00     | -----         | 39.71     | 16.07         | 146.11    | 49.68         |
| Park-----        | -----        | 10.36         | -----        | 10.38         | -----     | -----         | -----     | 18.12         | 112.14    | 62.68         |
| Phillips-----    | -----        | 13.34         | -----        | 9.75          | -----     | 15.36         | -----     | 19.05         | -----     | 62.77         |
| Pitkin-----      | 23.00        | -----         | 35.32        | 13.50         | 40.00     | -----         | 41.91     | 18.00         | 192.41    | 35.00         |
| Prowers-----     | 30.17        | 7.75          | 27.06        | 6.07          | 38.21     | 11.01         | 42.20     | 11.32         | 85.00     | 44.40         |
| Pueblo-----      | 31.14        | 11.55         | 29.67        | 8.36          | 38.71     | 11.49         | 42.64     | 12.15         | 91.67     | 80.00         |
| Rio Blanco-----  | 33.72        | 18.89         | 33.74        | 17.13         | 26.54     | 12.97         | 43.20     | 24.66         | 155.25    | 64.78         |
| Rio Grande-----  | 31.00        | -----         | 26.64        | -----         | -----     | -----         | 34.54     | -----         | 184.35    | -----         |
| Routt-----       | 31.69        | 20.70         | 31.82        | 19.23         | 33.68     | 13.91         | 43.31     | 26.85         | 166.81    | 81.13         |
| Saguache-----    | 32.47        | -----         | 24.23        | -----         | -----     | -----         | 33.98     | 19.00         | 170.97    | -----         |
| San Juan-----    | -----        | -----         | -----        | -----         | -----     | -----         | -----     | -----         | -----     | -----         |
| San Miguel-----  | 29.82        | 15.04         | 28.49        | 10.79         | 33.82     | 14.66         | 41.38     | 17.72         | 131.52    | 59.13         |
| Sedgwick-----    | 32.12        | 14.30         | 27.42        | 9.13          | 37.58     | 15.35         | 43.81     | 20.60         | 137.59    | 46.24         |
| Summit-----      | 29.45        | 10.18         | 29.00        | -----         | -----     | -----         | 38.68     | 18.36         | 105.79    | 68.63         |
| Teller-----      | -----        | 17.61         | 29.00        | 12.11         | -----     | 14.75         | -----     | 16.94         | -----     | 66.82         |
| Washington-----  | 28.61        | 7.17          | 25.89        | 6.73          | 34.67     | 13.62         | 40.21     | 12.71         | 107.39    | 47.21         |
| Weld-----        | 31.56        | 12.77         | 30.60        | 10.93         | 36.15     | 14.18         | 46.29     | 17.91         | 145.36    | 45.91         |
| Yuma-----        | -----        | 10.48         | 27.49        | 7.92          | 29.06     | 14.06         | 38.49     | 14.81         | 121.94    | 56.94         |
| State-----       | 31.22        | 10.81         | 29.83        | 9.66          | 37.61     | 13.28         | 42.31     | 14.81         | 160.03    | 60.43         |

ACREAGE, PRODUCTION AND VALUE OF WHEAT IN COLORADO, 1880-1930

| YEAR      | Acres     | Yield<br>per Acre,<br>Bushels | Production,<br>Bushels | Price<br>per<br>Bushels | Value        | Value<br>per<br>Acre |
|-----------|-----------|-------------------------------|------------------------|-------------------------|--------------|----------------------|
| 1880----- | 65,300    | 17.0                          | 1,110,100              | \$ .95                  | \$ 1,054,595 | \$16.15              |
| 1881----- | 66,000    | 19.8                          | 1,310,000              | 1.33                    | 1,742,300    | 26.40                |
| 1882----- | 95,000    | 16.8                          | 1,598,200              | .94                     | 1,502,308    | 15.81                |
| 1883----- | 114,000   | 21.0                          | 2,394,000              | .95                     | 2,298,240    | 20.16                |
| 1884----- | 117,430   | 20.0                          | 2,348,000              | .56                     | 1,314,880    | 11.20                |
| 1885----- | 120,943   | 19.8                          | 2,395,000              | .82                     | 1,963,900    | 16.24                |
| 1886----- | 122,152   | 19.8                          | 2,419,000              | .72                     | 1,693,300    | 13.87                |
| 1887----- | 119,709   | 21.0                          | 2,514,000              | .75                     | 1,885,500    | 15.75                |
| 1888----- | 134,974   | 17.5                          | 2,346,000              | .90                     | 2,111,400    | 15.75                |
| 1889----- | 87,300    | 21.2                          | 1,851,000              | .72                     | 1,332,547    | 15.26                |
| 1890----- | 96,000    | 18.5                          | 1,777,000              | .81                     | 1,439,010    | 14.99                |
| 1891----- | 100,832   | 20.2                          | 2,037,000              | .73                     | 1,486,808    | 14.74                |
| 1892----- | 131,682   | 19.1                          | 2,504,000              | .58                     | 1,452,126    | 11.08                |
| 1893----- | 137,636   | 13.2                          | 1,816,795              | .52                     | 944,733      | 6.86                 |
| 1894----- | 119,777   | 17.9                          | 2,144,000              | .65                     | 1,393,600    | 11.62                |
| 1895----- | 119,500   | 23.5                          | 2,808,250              | .56                     | 1,572,000    | 13.16                |
| 1896----- | 159,839   | 17.5                          | 2,797,182              | .61                     | 1,706,281    | 10.67                |
| 1897----- | 213,221   | 24.0                          | 5,117,544              | .70                     | 3,582,281    | 16.80                |
| 1898----- | 255,877   | 26.3                          | 6,729,565              | .56                     | 3,768,556    | 14.73                |
| 1899----- | 309,611   | 23.7                          | 7,337,781              | .57                     | 4,182,535    | 13.51                |
| 1900----- | 318,899   | 22.6                          | 7,207,117              | .59                     | 4,252,199    | 13.33                |
| 1901----- | 312,521   | 24.1                          | 7,531,756              | .67                     | 5,046,277    | 16.15                |
| 1902----- | 293,770   | 18.0                          | 5,287,800              | .75                     | 3,965,895    | 13.50                |
| 1903----- | 279,082   | 26.6                          | 7,423,581              | .66                     | 4,899,563    | 17.56                |
| 1904----- | 259,546   | 22.8                          | 5,917,649              | .91                     | 5,385,061    | 20.75                |
| 1905----- | 254,355   | 25.0                          | 6,358,875              | .70                     | 4,451,212    | 17.50                |
| 1906----- | 254,555   | 32.5                          | 8,266,538              | .65                     | 5,373,250    | 21.12                |
| 1907----- | 293,000   | 29.0                          | 8,497,000              | .78                     | 6,628,000    | 22.62                |
| 1908----- | 293,000   | 21.0                          | 6,153,000              | .88                     | 5,415,000    | 18.48                |
| 1909----- | 341,000   | 21.2                          | 7,224,000              | .93                     | 6,718,000    | 19.70                |
| 1910----- | 403,000   | 22.3                          | 8,994,000              | .82                     | 7,376,000    | 18.30                |
| 1911----- | 438,000   | 18.9                          | 8,274,000              | .84                     | 6,950,000    | 15.87                |
| 1912----- | 453,000   | 24.2                          | 10,968,000             | .73                     | 8,006,000    | 17.67                |
| 1913----- | 460,000   | 21.0                          | 9,680,000              | .78                     | 7,551,000    | 16.42                |
| 1914----- | 475,000   | 23.8                          | 11,312,000             | .87                     | 9,842,000    | 20.72                |
| 1915----- | 570,000   | 24.2                          | 13,770,000             | .80                     | 11,016,000   | 19.32                |
| 1916----- | 600,000   | 19.8                          | 11,885,000             | 1.50                    | 17,828,000   | 29.70                |
| 1917----- | 600,000   | 22.6                          | 13,536,000             | 1.93                    | 26,124,000   | 43.55                |
| 1918----- | 1,250,000 | 12.3                          | 15,400,000             | 1.95                    | 30,030,000   | 24.02                |
| 1919----- | 1,329,000 | 13.7                          | 18,196,000             | 2.02                    | 36,755,000   | 27.66                |
| 1920----- | 1,405,000 | 18.0                          | 25,273,000             | 1.35                    | 34,118,000   | 24.28                |
| 1921----- | 1,719,000 | 13.5                          | 23,239,000             | .76                     | 17,662,000   | 10.27                |
| 1922----- | 1,620,000 | 13.4                          | 21,776,000             | .89                     | 19,380,000   | 11.96                |
| 1923----- | 1,407,000 | 13.0                          | 18,272,000             | .83                     | 15,166,000   | 10.78                |
| 1924----- | 1,360,000 | 14.4                          | 19,520,000             | 1.18                    | 23,033,000   | 16.94                |
| 1925----- | 1,268,000 | 11.8                          | 14,983,000             | 1.36                    | 20,345,000   | 16.04                |
| 1926----- | 1,364,000 | 13.5                          | 18,427,000             | 1.07                    | 19,728,000   | 14.47                |
| 1927----- | 1,419,000 | 14.2                          | 20,112,000             | 1.03                    | 20,818,000   | 14.67                |
| 1928----- | 1,339,000 | 13.9                          | 18,564,000             | .85                     | 15,815,000   | 11.81                |
| 1929----- | 1,397,000 | 12.9                          | 18,012,000             | .93                     | 16,691,000   | 11.95                |
| 1930----- | 1,459,000 | 14.9                          | 21,730,000             | .53                     | 11,595,000   | 7.95                 |

1930 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF CORN IN COLORADO, 1880-1930

| YEAR      | Acres     | Yield<br>per Acre,<br>Bushels | Production,<br>Bushels | Price<br>per<br>Bushel | Value      | Value<br>per<br>Acre |
|-----------|-----------|-------------------------------|------------------------|------------------------|------------|----------------------|
| 1880----- | 13,795    | 18.5                          | 255,207                | \$ .77                 | \$ 196,500 | \$14.24              |
| 1881----- | 13,800    | 25.5                          | 352,000                | 1.05                   | 369,600    | 26.78                |
| 1882----- | 21,076    | 20.0                          | 422,400                | .90                    | 380,160    | 18.03                |
| 1883----- | 21,287    | 25.0                          | 532,100                | .85                    | 452,285    | 21.24                |
| 1884----- | 25,300    | 28.1                          | 710,000                | .65                    | 461,500    | 18.24                |
| 1885----- | 27,830    | 34.5                          | 959,000                | .68                    | 652,120    | 23.43                |
| 1886----- | 29,778    | 31.5                          | 938,000                | .50                    | 469,000    | 15.75                |
| 1887----- | 31,267    | 30.0                          | 938,000                | .63                    | 590,940    | 18.90                |
| 1888----- | 34,394    | 22.6                          | 777,000                | .57                    | 442,890    | 12.87                |
| 1889----- | 42,993    | 25.4                          | 1,092,000              | .58                    | 633,373    | 14.73                |
| 1890----- | 42,133    | 18.2                          | 767,000                | .63                    | 483,097    | 11.47                |
| 1891----- | 43,397    | 21.5                          | 933,000                | .53                    | 494,509    | 11.39                |
| 1892----- | 124,350   | 22.3                          | 2,773,000              | .40                    | 1,109,202  | 8.92                 |
| 1893----- | 123,107   | 16.5                          | 2,031,266              | .51                    | 1,035,946  | 8.41                 |
| 1894----- | 125,569   | 19.7                          | 2,473,709              | .61                    | 1,508,962  | 12.01                |
| 1895----- | 178,308   | 20.7                          | 3,690,976              | .41                    | 1,513,300  | 8.48                 |
| 1896----- | 178,308   | 16.0                          | 2,852,928              | .36                    | 1,027,054  | 5.76                 |
| 1897----- | 176,525   | 19.0                          | 3,353,975              | .38                    | 1,274,510  | 7.22                 |
| 1898----- | 172,994   | 18.0                          | 3,113,892              | .40                    | 1,245,557  | 7.20                 |
| 1899----- | 171,264   | 17.0                          | 2,911,488              | .43                    | 1,251,940  | 7.31                 |
| 1900----- | 167,839   | 19.0                          | 3,188,941              | .48                    | 1,530,692  | 9.12                 |
| 1901----- | 107,127   | 17.1                          | 1,831,872              | .74                    | 1,355,585  | 12.65                |
| 1902----- | 115,697   | 16.5                          | 1,909,000              | .59                    | 1,126,310  | 9.73                 |
| 1903----- | 112,226   | 19.8                          | 2,222,075              | .54                    | 1,199,920  | 10.69                |
| 1904----- | 117,837   | 20.5                          | 2,415,658              | .54                    | 1,304,455  | 11.07                |
| 1905----- | 116,659   | 23.8                          | 2,776,484              | .47                    | 1,304,947  | 11.18                |
| 1906----- | 113,159   | 27.9                          | 3,157,136              | .50                    | 1,578,568  | 13.95                |
| 1907----- | 111,000   | 23.5                          | 2,608,000              | .65                    | 1,595,000  | 15.27                |
| 1908----- | 128,000   | 20.2                          | 2,586,000              | .71                    | 1,836,000  | 14.34                |
| 1909----- | 327,000   | 15.0                          | 4,903,000              | .70                    | 3,432,000  | 10.49                |
| 1910----- | 346,000   | 19.9                          | 6,885,000              | .60                    | 4,131,000  | 11.94                |
| 1911----- | 373,000   | 14.0                          | 5,222,000              | .78                    | 4,073,000  | 10.92                |
| 1912----- | 420,000   | 20.8                          | 8,736,000              | .50                    | 4,368,000  | 10.40                |
| 1913----- | 420,000   | 15.0                          | 6,300,000              | .73                    | 4,599,000  | 10.95                |
| 1914----- | 462,000   | 23.0                          | 10,626,000             | .60                    | 6,376,000  | 13.80                |
| 1915----- | 470,000   | 24.0                          | 11,280,000             | .55                    | 6,204,000  | 13.20                |
| 1916----- | 475,000   | 15.5                          | 7,362,000              | .90                    | 6,626,000  | 13.95                |
| 1917----- | 532,000   | 20.0                          | 10,640,000             | 1.25                   | 13,300,000 | 25.00                |
| 1918----- | 610,000   | 17.5                          | 10,675,000             | 1.35                   | 14,411,000 | 23.62                |
| 1919----- | 1,021,000 | 15.0                          | 15,315,000             | 1.42                   | 21,747,000 | 21.30                |
| 1920----- | 1,182,000 | 20.5                          | 24,231,000             | .70                    | 16,962,000 | 14.35                |
| 1921----- | 1,102,000 | 14.5                          | 15,979,000             | .31                    | 4,953,000  | 4.49                 |
| 1922----- | 1,145,000 | 16.0                          | 18,320,000             | .66                    | 12,091,000 | 10.56                |
| 1923----- | 1,505,000 | 25.0                          | 37,625,000             | .65                    | 24,456,000 | 16.25                |
| 1924----- | 1,450,000 | 10.0                          | 14,500,000             | .88                    | 12,760,000 | 8.80                 |
| 1925----- | 1,410,000 | 15.0                          | 21,150,000             | .70                    | 14,805,000 | 10.50                |
| 1926----- | 1,396,000 | 7.0                           | 9,772,000              | .71                    | 6,938,000  | 4.97                 |
| 1927----- | 1,284,000 | 15.5                          | 19,902,000             | .68                    | 13,533,000 | 10.54                |
| 1928----- | 1,438,000 | 13.0                          | 18,694,000             | .68                    | 12,712,000 | 8.84                 |
| 1929----- | 1,366,000 | 17.0                          | 23,222,000             | .75                    | 17,416,000 | 12.75                |
| 1930----- | 1,516,000 | 24.5                          | 37,142,000             | .62                    | 23,028,000 | 15.19                |

1930 figures preliminary.



ACREAGE, PRODUCTION AND VALUE OF OATS FOR GRAIN IN COLORADO, 1880-1930

| YEAR      | Acres   | Yield<br>per Acre,<br>Bushels | Production,<br>Bushels | Price<br>per<br>Bushel | Value      | Value<br>per<br>Acre |
|-----------|---------|-------------------------------|------------------------|------------------------|------------|----------------------|
| 1880----- | 24,000  | 27.0                          | 648,000                | \$ .65                 | \$ 421,200 | \$17.55              |
| 1881----- | 28,100  | 27.4                          | 771,000                | .81                    | 624,510    | 22.22                |
| 1882----- | 27,500  | 28.4                          | 780,000                | .65                    | 507,000    | 18.44                |
| 1883----- | 41,250  | 29.3                          | 1,209,000              | .60                    | 725,400    | 17.58                |
| 1884----- | 43,312  | 35.0                          | 1,516,000              | .40                    | 606,400    | 14.00                |
| 1885----- | 45,478  | 37.3                          | 1,698,000              | .46                    | 781,080    | 17.17                |
| 1886----- | 48,207  | 33.0                          | 1,591,000              | .42                    | 668,220    | 13.86                |
| 1887----- | 50,617  | 31.0                          | 1,569,000              | .45                    | 706,050    | 13.95                |
| 1888----- | 60,740  | 27.4                          | 1,664,000              | .42                    | 698,880    | 11.50                |
| 1889----- | 97,791  | 32.0                          | 3,129,000              | .40                    | 1,251,725  | 12.80                |
| 1890----- | 100,725 | 24.8                          | 2,498,000              | .50                    | 1,248,990  | 12.40                |
| 1891----- | 109,790 | 32.6                          | 3,579,000              | .38                    | 1,360,079  | 12.39                |
| 1892----- | 98,811  | 28.7                          | 2,836,000              | .34                    | 964,198    | 9.76                 |
| 1893----- | 104,740 | 26.7                          | 2,796,558              | .37                    | 1,034,726  | 9.88                 |
| 1894----- | 93,219  | 13.5                          | 1,258,457              | .46                    | 578,890    | 6.21                 |
| 1895----- | 98,812  | 34.3                          | 3,389,252              | .28                    | 948,991    | 9.61                 |
| 1896----- | 92,883  | 28.0                          | 2,600,724              | .30                    | 780,217    | 8.40                 |
| 1897----- | 87,370  | 34.0                          | 2,968,540              | .32                    | 949,933    | 10.88                |
| 1898----- | 85,564  | 35.8                          | 3,063,191              | .41                    | 1,255,908  | 14.67                |
| 1899----- | 90,698  | 27.0                          | 2,448,846              | .42                    | 1,028,515  | 11.34                |
| 1900----- | 99,768  | 32.8                          | 3,272,390              | .43                    | 1,407,128  | 14.10                |
| 1901----- | 135,224 | 33.8                          | 4,570,571              | .50                    | 2,285,286  | 16.90                |
| 1902----- | 136,576 | 26.8                          | 3,660,237              | .51                    | 1,866,721  | 13.68                |
| 1903----- | 137,942 | 33.3                          | 4,593,469              | .41                    | 1,883,322  | 13.65                |
| 1904----- | 136,563 | 35.4                          | 4,834,330              | .46                    | 2,223,792  | 16.36                |
| 1905----- | 137,929 | 35.0                          | 4,827,515              | .41                    | 1,979,281  | 14.36                |
| 1906----- | 147,584 | 40.4                          | 5,962,394              | .45                    | 2,683,077  | 18.18                |
| 1907----- | 155,000 | 38.0                          | 5,890,000              | .50                    | 2,945,000  | 19.00                |
| 1908----- | 178,000 | 39.5                          | 7,031,000              | .54                    | 3,797,000  | 21.33                |
| 1909----- | 276,000 | 27.7                          | 7,643,000              | .53                    | 4,051,000  | 14.68                |
| 1910----- | 284,000 | 39.1                          | 11,104,000             | .46                    | 5,108,000  | 17.99                |
| 1911----- | 290,000 | 35.0                          | 10,150,000             | .43                    | 4,872,000  | 16.80                |
| 1912----- | 290,000 | 42.8                          | 12,412,000             | .38                    | 4,717,000  | 16.26                |
| 1913----- | 305,000 | 35.0                          | 10,675,000             | .44                    | 4,697,000  | 15.40                |
| 1914----- | 325,000 | 40.0                          | 13,000,000             | .45                    | 5,850,000  | 18.00                |
| 1915----- | 300,000 | 39.0                          | 11,700,000             | .41                    | 4,797,000  | 15.99                |
| 1916----- | 290,000 | 33.0                          | 9,570,000              | .60                    | 5,742,000  | 19.80                |
| 1917----- | 293,000 | 38.0                          | 11,134,000             | .76                    | 8,462,000  | 28.89                |
| 1918----- | 251,000 | 30.0                          | 7,530,000              | .80                    | 6,024,000  | 24.00                |
| 1919----- | 174,000 | 26.2                          | 4,559,000              | .90                    | 4,103,000  | 23.58                |
| 1920----- | 204,000 | 31.5                          | 6,426,000              | .60                    | 3,856,000  | 18.90                |
| 1921----- | 217,000 | 31.0                          | 6,727,000              | .33                    | 2,220,000  | 10.23                |
| 1922----- | 185,000 | 25.0                          | 4,625,000              | .45                    | 2,081,000  | 11.25                |
| 1923----- | 226,000 | 32.0                          | 7,232,000              | .46                    | 3,327,000  | 14.72                |
| 1924----- | 232,000 | 25.0                          | 5,800,000              | .58                    | 3,364,000  | 14.50                |
| 1925----- | 214,000 | 27.0                          | 5,778,000              | .50                    | 2,889,000  | 12.50                |
| 1926----- | 195,000 | 24.0                          | 4,680,000              | .44                    | 2,059,000  | 10.56                |
| 1927----- | 189,000 | 29.0                          | 5,481,000              | .48                    | 2,631,000  | 13.92                |
| 1928----- | 193,000 | 31.0                          | 5,983,000              | .45                    | 2,692,000  | 13.95                |
| 1929----- | 212,000 | 31.0                          | 6,572,000              | .48                    | 3,155,000  | 14.88                |
| 1930----- | 212,000 | 33.5                          | 7,102,000              | .36                    | 2,557,000  | 12.06                |

1930 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF BARLEY IN COLORADO, 1880-1930

| YEAR      | Acres   | Yield<br>per<br>Acre,<br>Bushels | Production,<br>Bushels | Price<br>per<br>Bushel | Value     | Value<br>per<br>Acre |
|-----------|---------|----------------------------------|------------------------|------------------------|-----------|----------------------|
| 1880----- | 4,700   | 19.0                             | 89,300                 | \$ .90                 | \$ 80,370 | \$17.10              |
| 1881----- | 4,900   | 18.0                             | 88,000                 | 1.15                   | 101,200   | 20.65                |
| 1882----- | 4,851   | 19.0                             | 92,400                 | .92                    | 85,000    | 17.52                |
| 1883----- | 6,064   | 25.9                             | 157,080                | .75                    | 117,810   | 19.43                |
| 1884----- | 6,367   | 29.5                             | 188,000                | .57                    | 107,160   | 16.83                |
| 1885----- | 6,494   | 24.0                             | 156,000                | .60                    | 93,510    | 14.39                |
| 1886----- | 6,876   | 28.1                             | 193,000                | .62                    | 119,660   | 17.40                |
| 1887----- | 6,876   | 25.6                             | 176,000                | .62                    | 109,120   | 15.87                |
| 1888----- | 12,377  | 25.8                             | 319,000                | .70                    | 223,530   | 18.06                |
| 1889----- | 12,086  | 27.4                             | 331,560                | .63                    | 208,880   | 17.23                |
| 1890----- | 12,086  | 24.5                             | 296,110                | .76                    | 225,040   | 18.61                |
| 1891----- | 12,328  | 26.5                             | 326,700                | .56                    | 182,950   | 14.84                |
| 1892----- | 12,944  | 24.0                             | 310,660                | .54                    | 167,750   | 12.95                |
| 1893----- | 12,944  | 28.3                             | 366,320                | .50                    | 183,160   | 14.15                |
| 1894----- | 12,426  | 27.9                             | 345,440                | .58                    | 200,360   | 16.13                |
| 1895----- | 14,290  | 31.3                             | 447,280                | .60                    | 268,360   | 18.77                |
| 1896----- | 12,861  | 20.0                             | 257,220                | .46                    | 118,320   | 9.20                 |
| 1897----- | 12,089  | 28.0                             | 338,490                | .51                    | 172,630   | 14.28                |
| 1898----- | 11,005  | 32.1                             | 353,950                | .46                    | 162,820   | 14.80                |
| 1899----- | 12,070  | 28.0                             | 337,930                | .55                    | 185,860   | 15.40                |
| 1900----- | 12,672  | 24.8                             | 314,270                | .50                    | 157,130   | 12.40                |
| 1901----- | 20,811  | 28.7                             | 597,280                | .63                    | 376,280   | 18.08                |
| 1902----- | 21,020  | 26.3                             | 552,800                | .60                    | 331,680   | 15.78                |
| 1903----- | 18,920  | 38.3                             | 724,520                | .61                    | 441,960   | 23.36                |
| 1904----- | 19,295  | 37.1                             | 715,840                | .57                    | 408,030   | 21.15                |
| 1905----- | 18,910  | 33.0                             | 624,000                | .53                    | 330,720   | 15.37                |
| 1906----- | 18,531  | 41.0                             | 759,770                | .54                    | 410,270   | 22.14                |
| 1907----- | 25,000  | 40.0                             | 1,000,000              | .60                    | 600,000   | 24.00                |
| 1908----- | 24,600  | 33.0                             | 792,000                | .65                    | 515,000   | 21.46                |
| 1909----- | 71,000  | 26.5                             | 1,889,000              | .66                    | 1,247,000 | 17.56                |
| 1910----- | 75,000  | 32.0                             | 2,400,000              | .60                    | 1,440,000 | 19.20                |
| 1911----- | 74,000  | 29.0                             | 2,146,000              | .69                    | 1,481,000 | 20.02                |
| 1912----- | 76,000  | 39.0                             | 2,964,000              | .50                    | 1,482,000 | 19.50                |
| 1913----- | 100,000 | 32.5                             | 3,250,000              | .56                    | 1,820,000 | 18.20                |
| 1914----- | 103,000 | 38.5                             | 3,966,000              | .55                    | 2,181,000 | 21.17                |
| 1915----- | 120,000 | 36.0                             | 4,320,000              | .48                    | 2,074,000 | 17.28                |
| 1916----- | 160,000 | 32.0                             | 5,120,000              | .82                    | 4,198,000 | 26.24                |
| 1917----- | 168,000 | 33.0                             | 5,544,000              | 1.04                   | 5,766,000 | 34.32                |
| 1918----- | 206,000 | 18.0                             | 3,708,000              | 1.13                   | 4,190,000 | 20.34                |
| 1919----- | 153,000 | 19.0                             | 2,907,000              | 1.20                   | 3,488,000 | 22.80                |
| 1920----- | 216,000 | 24.5                             | 5,292,000              | .75                    | 3,969,000 | 18.37                |
| 1921----- | 202,000 | 22.0                             | 4,444,000              | .37                    | 1,644,000 | 8.14                 |
| 1922----- | 186,000 | 19.0                             | 3,534,000              | .59                    | 2,085,000 | 11.21                |
| 1923----- | 300,000 | 29.0                             | 8,700,000              | .54                    | 4,698,000 | 15.66                |
| 1924----- | 327,000 | 20.0                             | 6,540,000              | .72                    | 4,709,000 | 14.40                |
| 1925----- | 410,000 | 21.0                             | 8,610,000              | .58                    | 4,994,000 | 12.18                |
| 1926----- | 380,000 | 16.0                             | 6,080,000              | .55                    | 3,344,000 | 8.80                 |
| 1927----- | 410,000 | 22.0                             | 9,020,000              | .56                    | 5,051,000 | 12.32                |
| 1928----- | 547,000 | 24.0                             | 13,128,000             | .54                    | 7,089,000 | 12.96                |
| 1929----- | 651,000 | 21.0                             | 13,671,000             | .54                    | 7,382,000 | 11.34                |
| 1930----- | 612,000 | 25.5                             | 15,606,000             | .40                    | 6,242,000 | 10.20                |

1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF RYE IN COLORADO, 1880-1930

| YEAR      | Acres   | Yield<br>per<br>Acre,<br>Bushels | Production,<br>Bushels | Price<br>per<br>Bushel | Value     | Value<br>per<br>Acre |
|-----------|---------|----------------------------------|------------------------|------------------------|-----------|----------------------|
| 1880----- | 1,500   | 17.0                             | 25,500                 | \$ .67                 | \$ 17,085 | \$11.39              |
| 1881----- | 1,400   | 20.0                             | 28,000                 | .97                    | 27,160    | 19.40                |
| 1882----- | 1,592   | 17.7                             | 28,224                 | .90                    | 25,405    | 15.96                |
| 1883----- | 1,783   | 17.4                             | 31,046                 | .80                    | 24,837    | 13.93                |
| 1884----- | 1,872   | 17.6                             | 33,000                 | .60                    | 19,800    | 10.58                |
| 1885----- | 1,966   | 17.8                             | 35,000                 | .63                    | 23,710    | 12.06                |
| 1886----- | 1,909   | 22.0                             | 42,000                 | .72                    | 30,240    | 15.84                |
| 1887----- | 1,966   | 14.2                             | 28,000                 | .78                    | 21,840    | 11.11                |
| 1888----- | 2,379   | 12.2                             | 29,000                 | .66                    | 19,127    | 8.04                 |
| 1889----- | 4,615   | 11.7                             | 54,158                 | .57                    | 30,870    | 6.69                 |
| 1890----- | 4,707   | 14.5                             | 68,252                 | .65                    | 44,364    | 9.42                 |
| 1891----- | 4,942   | 20.6                             | 101,805                | .62                    | 63,119    | 12.77                |
| 1892----- | 5,683   | 14.6                             | 82,972                 | .52                    | 43,145    | 7.59                 |
| 1893----- | 5,683   | 21.0                             | 119,343                | .50                    | 59,672    | 10.50                |
| 1894----- | 4,035   | 15.6                             | 62,946                 | .66                    | 41,544    | 10.29                |
| 1895----- | 3,389   | 14.5                             | 49,141                 | .48                    | 23,588    | 6.96                 |
| 1896----- | 2,779   | 23.5                             | 65,306                 | .62                    | 40,490    | 14.56                |
| 1897----- | 2,612   | 15.0                             | 39,180                 | .52                    | 20,374    | 7.80                 |
| 1898----- | 2,638   | 18.0                             | 47,484                 | .50                    | 23,742    | 9.00                 |
| 1899----- | 2,374   | 14.0                             | 33,236                 | .48                    | 15,953    | 6.72                 |
| 1900----- | 2,350   | 16.8                             | 39,480                 | .54                    | 21,319    | 9.07                 |
| 1901----- | 2,659   | 16.1                             | 42,810                 | .62                    | 26,542    | 9.98                 |
| 1902----- | 2,872   | 15.9                             | 45,665                 | .56                    | 25,572    | 8.90                 |
| 1903----- | 2,843   | 18.3                             | 52,027                 | .61                    | 31,736    | 11.16                |
| 1904----- | 2,786   | 19.1                             | 53,213                 | .65                    | 34,588    | 12.41                |
| 1905----- | 2,368   | 19.0                             | 44,992                 | .56                    | 25,196    | 10.64                |
| 1906----- | 2,179   | 20.0                             | 43,580                 | .56                    | 24,405    | 11.20                |
| 1907----- | 2,300   | 20.5                             | 47,000                 | .62                    | 29,000    | 12.61                |
| 1908----- | 3,000   | 15.5                             | 46,000                 | .70                    | 32,000    | 10.67                |
| 1909----- | 16,000  | 12.6                             | 198,000                | .73                    | 145,000   | 9.06                 |
| 1910----- | 20,000  | 14.0                             | 280,000                | .67                    | 188,000   | 9.40                 |
| 1911----- | 21,000  | 12.0                             | 252,000                | .70                    | 176,000   | 8.38                 |
| 1912----- | 25,000  | 19.5                             | 488,000                | .55                    | 268,000   | 10.72                |
| 1913----- | 20,000  | 17.0                             | 340,000                | .60                    | 204,000   | 10.20                |
| 1914----- | 21,000  | 17.5                             | 368,000                | .65                    | 239,000   | 11.38                |
| 1915----- | 30,000  | 17.5                             | 525,000                | .70                    | 368,000   | 12.27                |
| 1916----- | 28,000  | 14.0                             | 392,000                | 1.05                   | 412,000   | 14.71                |
| 1917----- | 27,000  | 16.0                             | 432,000                | 1.46                   | 631,000   | 23.37                |
| 1918----- | 149,000 | 7.0                              | 1,048,000              | 1.40                   | 1,460,000 | 9.80                 |
| 1919----- | 124,000 | 8.8                              | 1,088,000              | 1.30                   | 1,414,000 | 11.40                |
| 1920----- | 100,000 | 11.8                             | 1,180,000              | 1.05                   | 1,239,000 | 12.39                |
| 1921----- | 92,000  | 11.5                             | 1,058,000              | .60                    | 635,000   | 6.89                 |
| 1922----- | 97,000  | 9.0                              | 873,000                | .66                    | 576,000   | 5.94                 |
| 1923----- | 77,000  | 12.0                             | 924,000                | .56                    | 517,000   | 6.71                 |
| 1924----- | 80,000  | 9.0                              | 720,000                | .85                    | 612,000   | 7.65                 |
| 1925----- | 85,000  | 10.0                             | 850,000                | .67                    | 570,000   | 6.70                 |
| 1926----- | 85,000  | 11.5                             | 977,000                | .71                    | 694,000   | 8.17                 |
| 1927----- | 76,000  | 10.5                             | 798,000                | .70                    | 559,000   | 7.34                 |
| 1928----- | 74,000  | 11.0                             | 814,000                | .70                    | 570,000   | 7.70                 |
| 1929----- | 81,000  | 11.0                             | 891,000                | .71                    | 633,000   | 7.81                 |
| 1930----- | 93,000  | 11.5                             | 1,070,000              | .37                    | 396,000   | 4.26                 |

1930 figures preliminary.



## ACREAGE, PRODUCTION AND VALUE OF POTATOES IN COLORADO, 1880-1930

| YEAR      | Acres   | Yield<br>per<br>Acre,<br>Bushels | Produc-<br>tion,<br>Bushels | Price<br>per<br>Bushel | Value      | Value<br>per<br>Acre |
|-----------|---------|----------------------------------|-----------------------------|------------------------|------------|----------------------|
| 1880----- | 1,640   | 46.0                             | 75,440                      | \$1.10                 | \$ 82,984  | \$ 50.60             |
| 1881----- | 5,357   | 80.0                             | 428,560                     | 1.30                   | 557,128    | 104.00               |
| 1882----- | 5,730   | 76.3                             | 437,000                     | .72                    | 314,640    | 54.91                |
| 1883----- | 5,959   | 85.0                             | 506,515                     | .65                    | 329,235    | 55.25                |
| 1884----- | 7,151   | 90.0                             | 644,000                     | .60                    | 386,400    | 54.03                |
| 1885----- | 7,860   | 95.0                             | 747,000                     | .61                    | 455,487    | 57.95                |
| 1886----- | 8,096   | 78.0                             | 631,000                     | .57                    | 359,670    | 44.42                |
| 1887----- | 8,258   | 105.0                            | 867,000                     | .56                    | 485,520    | 58.79                |
| 1888----- | 28,903  | 94.0                             | 2,717,000                   | .45                    | 1,222,600  | 42.30                |
| 1889----- | 31,588  | 70.0                             | 2,211,160                   | .50                    | 1,105,580  | 34.99                |
| 1890----- | 33,483  | 73.0                             | 2,444,250                   | .75                    | 1,833,200  | 54.73                |
| 1891----- | 35,827  | 115.0                            | 4,120,100                   | .28                    | 1,153,630  | 32.22                |
| 1892----- | 34,036  | 99.0                             | 3,369,560                   | .61                    | 2,055,430  | 60.39                |
| 1893----- | 33,096  | 94.0                             | 3,167,424                   | .54                    | 1,710,410  | 51.68                |
| 1894----- | 34,033  | 85.0                             | 2,892,800                   | .55                    | 1,591,040  | 46.75                |
| 1895----- | 36,756  | 95.0                             | 3,491,500                   | .33                    | 1,152,300  | 31.35                |
| 1896----- | 32,345  | 88.0                             | 2,846,360                   | .47                    | 1,337,790  | 41.36                |
| 1897----- | 32,022  | 97.0                             | 3,106,130                   | .56                    | 1,739,440  | 54.32                |
| 1898----- | 33,303  | 77.0                             | 2,564,330                   | .54                    | 1,334,740  | 41.53                |
| 1899----- | 32,304  | 84.0                             | 2,713,540                   | .55                    | 1,492,450  | 46.20                |
| 1900----- | 33,273  | 56.0                             | 1,863,290                   | .82                    | 1,527,900  | 45.92                |
| 1901----- | 43,923  | 120.0                            | 5,270,760                   | .90                    | 4,743,680  | 107.99               |
| 1902----- | 47,437  | 100.0                            | 4,743,700                   | .51                    | 2,419,290  | 51.00                |
| 1903----- | 50,758  | 145.0                            | 7,359,910                   | .60                    | 4,415,950  | 87.00                |
| 1904----- | 54,311  | 159.0                            | 8,635,440                   | .37                    | 3,195,120  | 58.81                |
| 1905----- | 51,052  | 160.0                            | 8,168,320                   | .57                    | 4,655,940  | 91.19                |
| 1906----- | 46,968  | 125.0                            | 5,871,000                   | .45                    | 2,641,950  | 56.25                |
| 1907----- | 47,000  | 150.0                            | 7,050,000                   | .66                    | 4,653,000  | 99.00                |
| 1908----- | 56,000  | 125.0                            | 7,000,000                   | .60                    | 4,200,000  | 75.00                |
| 1909----- | 86,000  | 137.0                            | 11,781,000                  | .57                    | 6,715,000  | 78.08                |
| 1910----- | 86,000  | 100.0                            | 8,600,000                   | .55                    | 4,730,000  | 55.00                |
| 1911----- | 90,000  | 35.0                             | 3,150,000                   | .99                    | 3,118,000  | 34.64                |
| 1912----- | 85,000  | 95.0                             | 8,075,000                   | .41                    | 3,311,000  | 38.95                |
| 1913----- | 80,000  | 115.0                            | 9,200,000                   | .65                    | 5,980,000  | 74.75                |
| 1914----- | 50,000  | 120.0                            | 6,000,000                   | .50                    | 3,000,000  | 60.00                |
| 1915----- | 53,000  | 135.0                            | 7,155,000                   | .55                    | 3,935,000  | 74.25                |
| 1916----- | 50,000  | 138.0                            | 6,900,000                   | 1.35                   | 9,315,000  | 186.30               |
| 1917----- | 80,000  | 160.0                            | 12,800,000                  | .91                    | 11,648,000 | 145.60               |
| 1918----- | 99,000  | 160.0                            | 15,840,000                  | .99                    | 15,682,000 | 158.40               |
| 1919----- | 77,000  | 115.0                            | 8,855,000                   | 1.70                   | 15,054,000 | 195.51               |
| 1920----- | 73,000  | 130.0                            | 9,490,000                   | .80                    | 7,592,000  | 104.00               |
| 1921----- | 113,000 | 132.0                            | 14,916,000                  | .73                    | 10,889,000 | 96.36                |
| 1922----- | 142,000 | 130.0                            | 18,460,000                  | .37                    | 6,830,000  | 48.09                |
| 1923----- | 110,000 | 123.0                            | 13,530,000                  | .53                    | 7,171,000  | 65.19                |
| 1924----- | 71,000  | 145.0                            | 10,295,000                  | .60                    | 6,177,000  | 87.00                |
| 1925----- | 62,000  | 195.0                            | 12,090,000                  | 1.55                   | 18,740,000 | 302.26               |
| 1926----- | 82,000  | 145.0                            | 11,890,000                  | 1.30                   | 15,457,000 | 188.50               |
| 1927----- | 96,000  | 150.0                            | 14,400,000                  | .55                    | 7,920,000  | 82.50                |
| 1928----- | 110,000 | 122.0                            | 13,420,000                  | .45                    | 6,039,000  | 54.90                |
| 1929----- | 88,000  | 140.0                            | 12,320,000                  | 1.10                   | 13,552,000 | 154.00               |
| 1930----- | 86,000  | 175.0                            | 15,050,000                  | .60                    | 9,030,000  | 105.00               |

1930 figures preliminary.

SUGAR BEET PRODUCTION IN COLORADO, 1905 TO 1930, INCLUSIVE

| Year | Acres Harvested | Average Yield, Tons | Production Tons | Farm Price | Value*     | Value* per Acre | Average Sugar Content | Tons Sugar Mfr d. | No. of Factories Operating† |
|------|-----------------|---------------------|-----------------|------------|------------|-----------------|-----------------------|-------------------|-----------------------------|
| 1905 | 86,000          | 10.19               | 875,154         | \$ ----    | \$ -----   | \$ ----         | 14.71                 | 91,608            | 12                          |
| 1906 | 111,000         | 13.41               | 1,487,383       | ----       | -----      | ----            | 14.70                 | 167,193           | 15                          |
| 1907 | 128,000         | 11.93               | 1,523,300       | ----       | -----      | ----            | 15.30                 | 169,287           | 16                          |
| 1908 | 119,500         | 9.28                | 1,109,000       | ----       | -----      | ----            | 13.85                 | 122,280           | 15                          |
| 1909 | 121,700         | 10.33               | 1,256,700       | ----       | -----      | ----            | 14.24                 | 149,405           | 16                          |
| 1910 | 81,400          | 10.62               | 864,500         | ----       | -----      | ----            | 15.19                 | 103,092           | 16                          |
| 1911 | 86,400          | 11.07               | 957,100         | 5.55       | 5,312,000  | 61.46           | 15.44                 | 124,800           | 14                          |
| 1912 | 145,000         | 11.82               | 1,642,000       | 5.96       | 9,785,000  | 67.49           | 16.19                 | 216,010           | 17                          |
| 1913 | 168,400         | 10.93               | 1,840,700       | 5.67       | 10,437,000 | 61.97           | 14.92                 | 229,274           | 14                          |
| 1914 | 135,400         | 12.60               | 1,706,300       | 5.68       | 9,692,000  | 71.58           | 15.35                 | 220,799           | 13                          |
| 1915 | 171,200         | 11.03               | 1,886,900       | 5.88       | 11,106,000 | 64.87           | 16.53                 | 273,780           | 14                          |
| 1916 | 189,000         | 10.70               | 2,018,300       | 6.06       | 12,231,000 | 64.86           | 15.00                 | 252,147           | 14                          |
| 1917 | 161,000         | 11.50               | 1,857,700       | 7.28       | 13,526,000 | 83.75           | 15.40                 | 234,303           | 15                          |
| 1918 | 126,000         | 11.47               | 1,444,000       | 10.02      | 14,474,000 | 114.83          | 16.10                 | 192,000           | 14                          |
| 1919 | 183,000         | 9.66                | 1,765,000       | 10.85      | 19,143,000 | 104.65          | 13.62                 | 194,000           | 15                          |
| 1920 | 220,000         | 10.58               | 2,325,000       | 11.88      | 27,627,000 | 125.25          | 15.81                 | 294,000           | 17                          |
| 1921 | 200,000         | 11.39               | 2,279,000       | 6.37       | 14,521,000 | 72.61           | 15.66                 | 295,000           | 15                          |
| 1922 | 148,000         | 9.98                | 1,466,000       | 7.79       | 11,426,000 | 77.16           | 14.66                 | 183,000           | 15                          |
| 1923 | 164,000         | 12.15               | 1,996,000       | 8.16       | 16,276,000 | 99.19           | 14.59                 | 240,000           | 16                          |
| 1924 | 225,000         | 11.32               | 2,546,000       | 7.59       | 19,329,000 | 85.89           | 16.65                 | 364,000           | 16                          |
| 1925 | 130,000         | 12.60               | 1,540,000       | 5.98       | 9,815,000  | 75.50           | 14.25                 | 211,000           | 16                          |
| 1926 | 211,000         | 13.80               | 2,912,000       | 7.92       | 23,050,000 | 109.24          | 15.05                 | 377,000           | 17                          |
| 1927 | 218,000         | 12.70               | 2,774,000       | 7.84       | 21,758,000 | 99.81           | 15.25                 | 373,000           | 18                          |
| 1928 | 179,000         | 13.40               | 2,394,000       | 6.97       | 16,687,000 | 93.22           | 16.51                 | 384,261           | 18                          |
| 1929 | 210,000         | 12.40               | 2,612,000       | 6.93       | 18,106,000 | 86.22           | 14.51                 | 348,000           | 18                          |
| 1930 | 242,000         | 13.70               | 3,312,000       | 6.94       | 22,895,000 | 94.22           | 14.07                 | 391,000           | 18                          |

NOTE—Compiled from reports of the United States Department of Agriculture and the Colorado Co-Operative Crop Reporting Service. Data on prices and farm value prior to 1911 not available.

\*Exclusive of beet tops, which have a high feed value. †Including barium by-products plant at Johnston.

1930 figures preliminary.

**COLORADO'S POSITION IN SUGAR BEET PRODUCTION OF THE UNITED STATES,  
1911-1929, INCLUSIVE**

|  | Acres<br>Harvest-<br>ed | % of<br>U. S.<br>Total | Av.<br>Yield,<br>Tons | Tons Beets<br>Harvested | % of<br>U. S.<br>Total | Total<br>Farm<br>Value <sup>3</sup> | % of<br>U. S.<br>Total | Av.<br>Value<br>per<br>Acre <sup>3</sup> |
|--|-------------------------|------------------------|-----------------------|-------------------------|------------------------|-------------------------------------|------------------------|--|
| Colorado .....                         | 3,280,000               | 26.5                   | 11.64                 | 38,173,000              | 30.5                   | \$284,725,000                       | 30.0                   | \$86.81                                  |
| Michigan .....                         | 2,117,000               | 17.1                   | 8.02                  | 16,986,000              | 13.6                   | 128,775,000                         | 13.6                   | 60.83                                    |
| California .....                       | 1,798,000               | 14.5                   | 9.13                  | 16,422,000              | 13.2                   | 134,667,000                         | 14.2                   | 74.90                                    |
| Utah .....                             | 1,269,000               | 10.2                   | 11.38                 | 14,442,000              | 11.6                   | 108,272,000                         | 11.4                   | 85.32                                    |
| Nebraska .....                         | 918,000                 | 7.4                    | 11.54                 | 10,595,000              | 8.5                    | 83,076,000                          | 8.7                    | 90.50                                    |
| Idaho .....                            | 617,000                 | 5.0                    | 9.77                  | 6,028,000               | 4.8                    | 45,035,000                          | 4.7                    | 72.99                                    |
| Ohio <sup>1</sup> .....                | 538,000                 | 4.3                    | 8.86                  | 4,767,000               | 3.8                    | 38,100,000                          | 4.0                    | 70.82                                    |
| Montana and<br>Wyoming <sup>1</sup> .. | 464,000                 | 3.7                    | 10.76                 | 4,991,000               | 4.0                    | 37,870,000                          | 4.0                    | 81.62                                    |
| Wisconsin .....                        | 198,000                 | 1.6                    | 8.80                  | 1,742,000               | 1.4                    | 14,026,000                          | 1.5                    | 70.84                                    |
| Other States <sup>2</sup> ...          | 1,205,000               | 9.7                    | 8.91                  | 10,734,000              | 8.6                    | 74,667,000                          | 7.9                    | 61.96                                    |
| United States...                       | 12,404,000              | 100.0                  | 10.07                 | 124,880,000             | 100.0                  | \$949,213,000                       | 100.0                  | \$76.52                                  |

**COLORADO'S POSITION IN PRODUCTION AND MANUFACTURE OF BEET SUGAR  
IN THE UNITED STATES, 1911-1929, INCLUSIVE**

|                                     | No.<br>Fac-<br>tories <sup>4</sup> | Av. Lbs.<br>Sugar<br>Per Acre | Tons Sugar<br>Manufact'd | % of<br>U. S.<br>Total | Lbs.<br>Sugar<br>Per Ton<br>of Beets | Farm<br>Recpt.<br>in Cts.<br>Per Lb.<br>of Sugar |
|-------------------------------------|------------------------------------|-------------------------------|--------------------------|------------------------|--------------------------------------|--|
| Colorado .....                      | 17                                 | 3,057.3                       | 5,014,000                | 30.5                   | 262.7                                | 2.84   |
| Michigan .....                      | 10                                 | 1,962.2                       | 2,077,000                | 12.6                   | 244.6                                | 3.10   |
| California .....                    | 5                                  | 2,927.7                       | 2,632,000                | 16.0                   | 320.5                                | 2.56   |
| Utah .....                          | 8                                  | 2,852.4                       | 1,810,000                | 11.0                   | 250.7                                | 2.99   |
| Nebraska .....                      | 7                                  | 2,886.7                       | 1,325,000                | 8.1                    | 250.1                                | 3.13   |
| Idaho .....                         | 7                                  | 2,823.3                       | 871,000                  | 5.3                    | 289.0                                | 2.59   |
| Ohio <sup>1</sup> .....             | 4                                  | 1,929.4                       | 519,000                  | 3.2                    | 217.7                                | 3.67   |
| Montana and Wyoming <sup>1</sup> .. | 9                                  | 2,887.8                       | 670,000                  | 4.1                    | 269.5                                | 2.83   |
| Wisconsin .....                     | 3                                  | 2,000.0                       | 198,000                  | 1.2                    | 227.3                                | 3.54   |
| Other States <sup>2</sup> .....     | 8                                  | 2,182.6                       | 1,315,000                | 8.0                    | 245.0                                | 2.84   |
| United States.....                  | 78                                 | 2,649.3                       | 16,431,000               | 100.0                  | 263.1                                | 2.89   |

<sup>1</sup>Ohio first appeared in sugar beet statistics in 1913, and Montana and Wyoming in 1922. Data for these states continue from those years.

<sup>2</sup>Includes Iowa, Minnesota, Kansas, Indiana, South Dakota and Washington.

<sup>3</sup>Value is exclusive of beet tops, which have a high feed value.

<sup>4</sup>Numbers include factories operating in the season of 1930-1931; output of the Johnstown, Colo., molasses refinery not included.

Note.—Figures begin with 1911 because data as to price and value are not available for years prior to that time. All figures have been rounded to even thousands. All available data for Colorado in years prior to 1911 will be found in the state table on Page 113.



## ACREAGE, PRODUCTION AND VALUE OF TAME HAY IN COLORADO, 1880-1930

| YEAR      | Acres     | Yield<br>per<br>Acre,<br>Tons | Produc-<br>tion,<br>Tons | Price<br>per<br>Ton | Value        | Value<br>per<br>Acre |
|-----------|-----------|-------------------------------|--------------------------|---------------------|--------------|----------------------|
| 1880----- | 44,119    | .94                           | 41,472                   | \$25.62             | \$ 1,062,513 | \$24.08              |
| 1881----- | 71,594    | 1.20                          | 85,913                   | 20.00               | 1,718,260    | 24.00                |
| 1882----- | 73,026    | 1.24                          | 90,209                   | 13.75               | 1,240,374    | 16.99                |
| 1883----- | 81,780    | 1.40                          | 114,505                  | 13.50               | 1,545,818    | 18.90                |
| 1884----- | 73,000    | 1.30                          | 94,900                   | 12.00               | 1,138,800    | 15.60                |
| 1885----- | 87,000    | 1.00                          | 87,000                   | 9.96                | 867,240      | 9.96                 |
| 1886----- | 115,000   | 1.00                          | 115,000                  | 9.80                | 1,127,000    | 9.80                 |
| 1887----- | 149,500   | 1.20                          | 179,400                  | 10.75               | 1,928,550    | 12.90                |
| 1888----- | 246,675   | 1.50                          | 370,013                  | 11.40               | 4,218,148    | 17.10                |
| 1889----- | 431,621   | 1.43                          | 714,555                  | 9.10                | 6,502,450    | 13.51                |
| 1890----- | 530,684   | 1.37                          | 727,037                  | 9.00                | 6,543,333    | 12.23                |
| 1891----- | 636,821   | 1.88                          | 1,197,223                | 8.00                | 9,577,784    | 15.04                |
| 1892----- | 764,185   | 2.00                          | 1,528,370                | 6.50                | 9,934,405    | 13.00                |
| 1893----- | 794,752   | 1.19                          | 945,755                  | 6.98                | 6,601,370    | 8.30                 |
| 1894----- | 786,804   | 2.27                          | 1,786,045                | 7.54                | 13,466,779   | 17.11                |
| 1895----- | 810,408   | 2.42                          | 1,961,187                | 5.87                | 11,512,168   | 14.20                |
| 1896----- | 761,784   | 2.20                          | 1,675,925                | 6.22                | 10,424,254   | 13.68                |
| 1897----- | 784,638   | 2.25                          | 1,765,436                | 5.50                | 9,709,808    | 12.39                |
| 1898----- | 800,331   | 2.20                          | 1,760,728                | 5.40                | 9,507,931    | 11.88                |
| 1899----- | 776,321   | 2.10                          | 1,630,274                | 7.35                | 11,982,514   | 15.43                |
| 1900----- | 799,611   | 2.23                          | 1,783,133                | 7.60                | 13,551,811   | 16.96                |
| 1901----- | 617,233   | 2.08                          | 1,283,845                | 9.04                | 11,605,959   | 18.80                |
| 1902----- | 592,544   | 1.92                          | 1,137,684                | 9.89                | 11,251,695   | 18.99                |
| 1903----- | 622,171   | 2.56                          | 1,592,758                | 7.48                | 11,913,830   | 19.15                |
| 1904----- | 671,945   | 1.85                          | 1,243,098                | 6.71                | 8,341,188    | 12.41                |
| 1905----- | 665,226   | 2.65                          | 1,762,849                | 8.20                | 14,455,362   | 21.74                |
| 1906----- | 638,617   | 2.50                          | 1,596,542                | 9.50                | 15,167,149   | 23.75                |
| 1907----- | 677,000   | 2.70                          | 1,828,000                | 9.50                | 17,366,000   | 25.65                |
| 1908----- | 670,000   | 2.50                          | 1,675,000                | 8.75                | 14,656,000   | 21.87                |
| 1909----- | 785,000   | 2.13                          | 1,674,000                | 10.00               | 16,740,000   | 21.32                |
| 1910----- | 781,000   | 2.00                          | 1,562,000                | 10.80               | 16,870,000   | 21.60                |
| 1911----- | 785,000   | 2.00                          | 1,570,000                | 9.30                | 14,601,000   | 18.60                |
| 1912----- | 870,000   | 2.19                          | 1,905,000                | 8.70                | 16,574,000   | 19.05                |
| 1913----- | 890,000   | 2.05                          | 1,824,000                | 10.00               | 18,240,000   | 20.49                |
| 1914----- | 970,000   | 2.40                          | 2,328,000                | 7.40                | 17,227,000   | 17.76                |
| 1915----- | 970,000   | 2.20                          | 2,134,000                | 7.60                | 16,218,000   | 16.72                |
| 1916----- | 970,000   | 2.05                          | 1,988,000                | 11.00               | 21,868,000   | 22.54                |
| 1917----- | 970,000   | 2.45                          | 2,376,000                | 16.60               | 39,442,000   | 40.66                |
| 1918----- | 1,030,000 | 2.22                          | 2,287,000                | 15.50               | 35,448,000   | 34.41                |
| 1919----- | 1,227,000 | 2.06                          | 2,527,000                | 18.50               | 46,750,000   | 38.10                |
| 1920----- | 1,256,000 | 2.40                          | 3,019,000                | 12.00               | 36,228,000   | 28.84                |
| 1921----- | 1,195,000 | 2.15                          | 2,576,000                | 6.90                | 17,774,000   | 14.87                |
| 1922----- | 1,191,000 | 1.91                          | 2,273,000                | 11.20               | 25,458,000   | 21.38                |
| 1923----- | 1,203,000 | 2.05                          | 2,463,000                | 11.30               | 27,832,000   | 23.13                |
| 1924----- | 1,262,000 | 2.11                          | 2,661,000                | 11.00               | 29,271,000   | 23.18                |
| 1925----- | 1,253,000 | 2.15                          | 2,694,000                | 12.00               | 32,328,000   | 25.80                |
| 1926----- | 1,210,000 | 2.31                          | 2,795,000                | 8.60                | 24,037,000   | 19.86                |
| 1927----- | 1,225,000 | 2.17                          | 2,658,000                | 9.20                | 24,454,000   | 19.96                |
| 1928----- | 1,183,000 | 2.08                          | 2,467,000                | 11.70               | 28,864,000   | 24.40                |
| 1929----- | 1,203,000 | 2.23                          | 2,677,000                | 11.50               | 30,786,000   | 25.59                |
| 1930----- | 1,244,000 | 2.14                          | 2,659,000                | 9.20                | 24,463,000   | 19.66                |

1930 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF WILD HAY IN COLORADO, 1909-1930

| Year      | Acres   | Yield<br>per Acre,<br>Tons | Produc-<br>tion,<br>Tons | Price<br>per Ton | Value     | Value<br>per Acre |
|-----------|---------|----------------------------|--------------------------|------------------|-----------|-------------------|
| 1909----- | 395,000 | 0.93                       | 368,000                  | \$ ----          | \$ -----  | \$ ----           |
| 1910----- | 395,000 | 0.90                       | 356,000                  | -----            | -----     | -----             |
| 1911----- | 395,000 | 0.90                       | 356,000                  | -----            | -----     | -----             |
| 1912----- | 466,000 | 1.10                       | 513,000                  | -----            | -----     | -----             |
| 1913----- | 419,000 | 0.95                       | 398,000                  | -----            | -----     | -----             |
| 1914----- | 444,000 | 1.20                       | 533,000                  | 8.80             | 4,690,000 | 10.56             |
| 1915----- | 460,000 | 1.12                       | 515,000                  | 7.96             | 4,068,000 | 8.84              |
| 1916----- | 460,000 | 0.92                       | 423,000                  | 11.40            | 4,822,000 | 10.48             |
| 1917----- | 451,000 | 1.02                       | 460,000                  | 17.50            | 8,050,000 | 17.85             |
| 1918----- | 400,000 | 0.94                       | 376,000                  | 17.50            | 6,580,000 | 16.45             |
| 1919----- | 411,000 | 0.89                       | 366,000                  | 18.40            | 6,734,000 | 16.38             |
| 1920----- | 419,000 | 1.05                       | 440,000                  | 14.00            | 6,160,000 | 14.70             |
| 1921----- | 407,000 | 1.00                       | 407,000                  | 6.00             | 2,442,000 | 6.00              |
| 1922----- | 366,000 | 0.97                       | 355,000                  | 9.00             | 3,195,000 | 8.73              |
| 1923----- | 373,000 | 1.05                       | 392,000                  | 10.50            | 4,116,000 | 11.03             |
| 1924----- | 360,000 | 1.00                       | 360,000                  | 9.70             | 3,492,000 | 9.70              |
| 1925----- | 360,000 | 1.00                       | 360,000                  | 10.80            | 3,888,000 | 10.80             |
| 1926----- | 360,000 | 1.00                       | 360,000                  | 8.00             | 2,880,000 | 8.00              |
| 1927----- | 396,000 | 1.00                       | 396,000                  | 8.40             | 3,326,000 | 8.40              |
| 1928----- | 376,000 | 0.90                       | 338,000                  | 10.30            | 3,481,000 | 9.26              |
| 1929----- | 387,000 | 1.10                       | 426,000                  | 10.30            | 4,388,000 | 11.34             |
| 1930----- | 391,000 | 1.10                       | 430,000                  | 8.80             | 3,784,000 | 9.68              |

Note—Data concerning price and value not available for earlier years.

## ACREAGE, PRODUCTION AND VALUE OF DRY BEANS IN COLORADO, 1914-1930

| Year      | Acres   | Yield<br>per Acre,<br>Bus. | Produc-<br>tion,<br>Bus. | Price<br>per Bu. | Value      | Value<br>per Acre |
|-----------|---------|----------------------------|--------------------------|------------------|------------|-------------------|
| 1914----- | 20,000  | 15.0                       | 300,000                  | \$2.00           | \$ 600,000 | \$30.00           |
| 1915----- | 21,000  | 16.2                       | 340,000                  | 2.28             | 775,000    | 36.90             |
| 1916----- | 38,000  | 11.2                       | 424,000                  | 4.20             | 1,781,000  | 46.87             |
| 1917----- | 250,000 | 7.8                        | 1,950,000                | 4.80             | 9,360,000  | 37.44             |
| 1918----- | 252,000 | 6.5                        | 1,638,000                | 4.40             | 7,207,000  | 28.60             |
| 1919----- | 66,000  | 6.5                        | 429,000                  | 3.50             | 1,502,000  | 22.76             |
| 1920----- | 52,000  | 8.0                        | 416,000                  | 3.15             | 1,310,000  | 25.19             |
| 1921----- | 39,000  | 8.0                        | 312,000                  | 2.70             | 842,000    | 21.58             |
| 1922----- | 81,000  | 5.0                        | 405,000                  | 4.40             | 1,782,000  | 22.00             |
| 1923----- | 170,000 | 8.0                        | 1,360,000                | 3.70             | 5,032,000  | 29.60             |
| 1924----- | 280,000 | 3.4                        | 952,000                  | 3.10             | 2,951,000  | 10.54             |
| 1925----- | 320,000 | 7.0                        | 2,240,000                | 2.40             | 5,376,000  | 16.80             |
| 1926----- | 378,000 | 3.6                        | 1,361,000                | 2.80             | 3,811,000  | 10.08             |
| 1927----- | 281,000 | 5.5                        | 1,546,000                | 2.70             | 4,174,000  | 14.85             |
| 1928----- | 309,000 | 4.5                        | 1,390,000                | 3.40             | 4,726,000  | 15.29             |
| 1929----- | 350,000 | 6.7                        | 2,345,000                | 2.70             | 6,332,000  | 18.09             |
| 1930----- | 385,000 | 10.2                       | 3,927,000                | 1.35             | 5,301,000  | 13.77             |

Note—The decline in average yield and value per acre is due almost wholly to the large acreage of non-irrigated land which has been devoted to this crop in recent years. Nearly 85 per cent of crop is now produced without irrigation.

All 1930 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF BROOM CORN IN COLORADO, 1915-1930

| Year      | Acres  | Yield<br>per Acre,<br>Pounds | Production,<br>Tons | Price<br>per Ton | Value      | Value<br>per Acre |
|-----------|--------|------------------------------|---------------------|------------------|------------|-------------------|
| 1915----- | 18,000 | 500                          | 4,550               | \$ 75.00         | \$ 341,000 | \$18.74           |
| 1916----- | 25,000 | 224                          | 2,835               | 156.00           | 442,000    | 17.64             |
| 1917----- | 30,000 | 310                          | 4,600               | 282.00           | 1,297,000  | 43.23             |
| 1918----- | 30,000 | 350                          | 5,200               | 175.00           | 910,000    | 30.33             |
| 1919----- | 11,000 | 350                          | 1,900               | 100.00           | 190,000    | 17.27             |
| 1920----- | 7,000  | 370                          | 1,300               | 70.00            | 91,000     | 13.00             |
| 1921----- | 9,000  | 400                          | 1,800               | 45.00            | 81,000     | 9.00              |
| 1922----- | 10,000 | 350                          | 1,800               | 195.00           | 351,000    | 35.10             |
| 1923----- | 48,000 | 365                          | 8,760               | 145.00           | 1,270,000  | 26.47             |
| 1924----- | 19,000 | 261                          | 2,480               | 60.00            | 148,800    | 7.83              |
| 1925----- | 15,000 | 250                          | 1,875               | 140.00           | 263,000    | 17.53             |
| 1926----- | 30,000 | 225                          | 3,375               | 83.00            | 280,000    | 9.33              |
| 1927----- | 28,000 | 315                          | 4,400               | 120.00           | 528,000    | 18.86             |
| 1928----- | 52,000 | 360                          | 9,400               | 85.00            | 799,000    | 15.37             |
| 1929----- | 60,000 | 336                          | 10,100              | 112.00           | 1,131,000  | 18.85             |
| 1930----- | 69,000 | 275                          | 9,500               | 51.00            | 484,000    | 7.01              |

## ACREAGE, PRODUCTION AND VALUE OF DRY ONIONS IN COLORADO, 1918-1930

| Year      | Acres | Yield<br>per Acre,<br>Bus. | Production,<br>Bus. | Price<br>per Bu. | Value      | Value<br>per Acre |
|-----------|-------|----------------------------|---------------------|------------------|------------|-------------------|
| 1918----- | 700   | 244                        | 171,000             | \$1.00           | \$ 171,000 | \$244.30          |
| 1919----- | 830   | 250                        | 208,000             | 1.62             | 337,000    | 406.02            |
| 1920----- | 760   | 340                        | 258,000             | .72              | 186,000    | 244.73            |
| 1921----- | 1,300 | 300                        | 390,000             | 1.53             | 597,000    | 460.00            |
| 1922----- | 1,900 | 280                        | 532,000             | .52              | 277,000    | 145.79            |
| 1923----- | 2,620 | 250                        | 655,000             | 1.08             | 707,000    | 269.85            |
| 1924----- | 3,410 | 270                        | 921,000             | .58              | 534,000    | 156.60            |
| 1925----- | 3,520 | 325                        | 1,144,000           | .78              | 892,000    | 253.41            |
| 1926----- | 3,700 | 275                        | 1,018,000           | .50              | 509,000    | 135.57            |
| 1927----- | 4,300 | 320                        | 1,376,000           | .45              | 474,000    | 110.23            |
| 1928----- | 3,760 | 330                        | 1,241,000           | 1.42             | 1,762,000  | 468.62            |
| 1929----- | 7,000 | 369                        | 2,583,000           | .45              | 1,097,000  | 156.71            |
| 1930----- | 5,600 | 308                        | 1,725,000           | .32              | 552,000    | 98.57             |

## ACREAGE, PRODUCTION AND VALUE OF WATERMELONS IN COLORADO, 1918-1930

| Year      | Acres | Yield<br>per Acre,<br>Number | Production,<br>Carloads | Price<br>per Car | Value     | Value<br>per Acre |
|-----------|-------|------------------------------|-------------------------|------------------|-----------|-------------------|
| 1918----- | 375   | 360                          | 135                     | \$150            | \$ 20,000 | \$53.33           |
| 1919----- | 408   | 375                          | 153                     | 175              | 27,000    | 66.17             |
| 1920----- | 830   | 315                          | 261                     | 150              | 39,000    | 47.00             |
| 1921----- | 780   | 375                          | 292                     | 200              | 58,000    | 74.36             |
| 1922----- | 660   | 350                          | 231                     | 180              | 42,000    | 63.63             |
| 1923----- | 400   | 135                          | 140                     | 167              | 23,000    | 57.50             |
| 1924----- | 380   | 300                          | 114                     | 128              | 15,000    | 39.90             |
| 1925----- | 300   | 323                          | 97                      | 168              | 16,000    | 53.33             |
| 1926----- | 300   | 361                          | 108                     | 95               | 10,000    | 33.33             |
| 1927----- | 700   | 150                          | 105                     | 242              | 25,000    | 35.71             |
| 1928----- | 570   | 319                          | 182                     | 150              | 27,000    | 47.37             |
| 1929----- | 500   | 300                          | 150                     | 165              | 25,000    | 50.00             |
| 1930----- | 500   | 320                          | 160                     | 170              | 27,000    | 54.00             |

All 1930 figures preliminary.



**PRODUCTION, MARKET PRICE AND VALUE OF APPLES AND PEACHES IN COLORADO,  
1910-1930**

| Year      | APPLES              |                  |              | PEACHES             |                  |            |
|-----------|---------------------|------------------|--------------|---------------------|------------------|------------|
|           | Production,<br>Bus. | Price<br>per Bu. | Value        | Production,<br>Bus. | Price<br>per Bu. | Value      |
| 1910----- | 1,500,000           | \$1.15           | \$ 1,725,000 | 390,000             | \$1.80           | \$ 702,000 |
| 1911----- | 2,700,000           | 1.22             | 3,294,000    | 410,000             | 1.75             | 718,000    |
| 1912----- | 3,100,000           | .80              | 2,480,000    | 1,100,000           | 1.00             | 1,100,000  |
| 1913----- | 3,300,000           | 1.08             | 3,564,000    | 390,000             | 1.24             | 484,000    |
| 1914----- | 4,500,000           | .70              | 3,150,000    | 1,025,000           | .60              | 615,000    |
| 1915----- | 2,080,000           | .95              | 1,976,000    | 650,000             | 1.25             | 813,000    |
| 1916----- | 2,541,000           | .94              | 2,389,000    | 405,000             | 1.25             | 506,000    |
| 1917----- | 2,190,000           | .80              | 1,752,000    | 1,096,000           | 2.00             | 2,192,000  |
| 1918----- | 2,067,000           | 1.70             | 3,514,000    | 959,000             | 2.00             | 1,918,000  |
| 1919----- | 3,418,000           | 1.85             | 6,323,000    | 722,000             | 2.50             | 1,805,000  |
| 1920----- | 2,830,000           | 1.40             | 3,962,000    | 670,000             | 2.50             | 1,675,000  |
| 1921----- | 3,200,000           | 1.70             | 5,440,000    | 810,000             | 1.75             | 1,417,500  |
| 1922----- | 4,250,000           | .75              | 3,188,000    | 900,000             | 1.00             | 900,000    |
| 1923----- | 3,010,000           | .95              | 2,860,000    | 750,000             | 1.71             | 1,282,000  |
| 1924----- | 3,024,000           | 1.30             | 3,931,000    | 920,000             | 1.60             | 1,472,000  |
| 1925----- | 3,200,000           | 1.10             | 3,520,000    | 450,000             | 1.90             | 855,000    |
| 1926----- | 3,444,000           | .70              | 2,411,000    | 976,000             | 1.10             | 1,074,000  |
| 1927----- | 2,592,000           | 1.10             | 2,851,000    | 892,000             | 1.20             | 1,070,000  |
| 1928----- | 3,020,000           | .65              | 1,963,000    | 650,000             | 1.20             | 780,000    |
| 1929----- | 2,460,000           | .95              | 2,337,000    | 1,000,000           | 1.45             | 1,450,000  |
| 1930----- | 1,130,000           | .85              | 960,000      | 817,000             | 1.45             | 1,185,000  |

**PRODUCTION, PRICE AND VALUE OF PEARS IN COLORADO, 1910-1930**

| Year      | Production,<br>Bus. | Price<br>per Bu. | Value      |
|-----------|---------------------|------------------|------------|
| 1910----- | 121,000             | ----             | -----      |
| 1911----- | 160,000             | \$1.55           | \$ 248,000 |
| 1912----- | 193,000             | .93              | 179,000    |
| 1913----- | 130,000             | 1.75             | 227,000    |
| 1914----- | 206,000             | ----             | -----      |
| 1915----- | 99,000              | ----             | -----      |
| 1916----- | 99,000              | ----             | -----      |
| 1917----- | 320,000             | 2.10             | 672,000    |
| 1918----- | 194,000             | 1.50             | 291,000    |
| 1919----- | 345,000             | 2.20             | 759,000    |
| 1920----- | 386,000             | 1.90             | 733,000    |
| 1921----- | 502,000             | 2.20             | 1,104,000  |
| 1922----- | 519,000             | .75              | 389,000    |
| 1923----- | 400,000             | 1.56             | 624,000    |
| 1924----- | 550,000             | 1.40             | 770,000    |
| 1925----- | 510,000             | 1.15             | 586,000    |
| 1926----- | 564,000             | .65              | 367,000    |
| 1927----- | 480,000             | 1.40             | 672,000    |
| 1928----- | 185,000             | 1.05             | 194,000    |
| 1929----- | 650,000             | 1.50             | 975,000    |
| 1930----- | 173,000             | 1.30             | 225,000    |

NOTE—Data for earlier years is incomplete.

No prices published for 1914-15-16.

All 1930 figures preliminary.

**ACREAGE, PRODUCTION AND VALUE OF CUCUMBERS FOR PICKLES IN COLORADO,  
1918-1930**

| Year      | Acres | Yield<br>per Acre,<br>Bus. | Produc-<br>tion,<br>Bus. | Price<br>per Bu. | Value      | Value<br>per Acre |
|-----------|-------|----------------------------|--------------------------|------------------|------------|-------------------|
| 1918..... | 2,140 | 74                         | 158,000                  | ---              | -----      | -----             |
| 1919..... | 2,140 | 69                         | 148,000                  | ---              | -----      | -----             |
| 1920..... | 1,880 | 81                         | 152,000                  | ---              | -----      | -----             |
| 1921..... | 3,850 | 75                         | 289,000                  | ---              | -----      | -----             |
| 1922..... | 3,080 | 65                         | 200,000                  | \$1.45           | \$ 290,000 | \$ 94.16          |
| 1923..... | 3,250 | 78                         | 254,000                  | 1.55             | 394,000    | 121.24            |
| 1924..... | 2,800 | 35                         | 98,000                   | 1.00             | 98,000     | 35.00             |
| 1925..... | 3,500 | 102                        | 357,000                  | 1.00             | 357,000    | 102.00            |
| 1926..... | 2,900 | 61                         | 177,600                  | .87              | 151,000    | 53.10             |
| 1927..... | 3,130 | 50                         | 156,000                  | .75              | 117,000    | 37.39             |
| 1928..... | 2,300 | 101                        | 232,000                  | .60              | 139,000    | 60.43             |
| 1929..... | 2,000 | 115                        | 230,000                  | .60              | 138,000    | 69.00             |
| 1930..... | 2,800 | 130                        | 364,000                  | .53              | 193,000    | 68.93             |

Price data for 1918-1921, inclusive, not available.

**ACREAGE, PRODUCTION AND VALUE OF SNAP BEANS FOR MANUFACTURE IN  
COLORADO, 1918-1930**

| Year      | Acres | Yield<br>per Acre,<br>Tons | Produc-<br>tion,<br>Tons | Price<br>per Ton | Value     | Value<br>per Acre |
|-----------|-------|----------------------------|--------------------------|------------------|-----------|-------------------|
| 1918..... | 840   | 3.3                        | 2,800                    | -----            | -----     | -----             |
| 1919..... | 1,040 | 4.1                        | 4,300                    | -----            | -----     | -----             |
| 1920..... | 980   | 2.4                        | 2,400                    | -----            | -----     | -----             |
| 1921..... | 700   | 3.3                        | 2,300                    | -----            | -----     | -----             |
| 1922..... | 610   | 2.5                        | 1,500                    | \$56.67          | \$ 85,000 | \$139.35          |
| 1923..... | 750   | 3.5                        | 2,600                    | 60.00            | 156,000   | 208.00            |
| 1924..... | 1,200 | 3.0                        | 3,600                    | 60.00            | 216,000   | 180.00            |
| 1925..... | 1,800 | 3.0                        | 5,400                    | 56.67            | 306,000   | 170.00            |
| 1926..... | 700   | 8.2                        | 2,200                    | 53.33            | 117,000   | 167.15            |
| 1927..... | 900   | 2.4                        | 2,200                    | 60.00            | 132,000   | 146.67            |
| 1928..... | 1,600 | 2.1                        | 3,400                    | 60.00            | 204,000   | 127.50            |
| 1929..... | 2,300 | 3.0                        | 6,900                    | 58.00            | 400,000   | 173.91            |
| 1930..... | 1,960 | 4.0                        | 7,800                    | 60.00            | 468,000   | 238.78            |

Price data for 1918-1921, inclusive, not available.

**ACREAGE, PRODUCTION AND VALUE OF CANTALOUPE IN COLORADO, 1918-1930**

| Year      | Acres<br>Harvested | Yield<br>per Acre,<br>Crates | Produc-<br>tion,<br>Crates | Price<br>per Crate | Value        | Value<br>per Acre |
|-----------|--------------------|------------------------------|----------------------------|--------------------|--------------|-------------------|
| 1918..... | 4,600              | 176                          | 809,000                    | \$1.50             | \$ 1,214,000 | \$263.91          |
| 1919..... | 6,690              | 165                          | 1,104,000                  | 1.25               | 1,380,000    | 206.80            |
| 1920..... | 8,280              | 150                          | 1,242,000                  | 1.60               | 1,987,000    | 239.97            |
| 1921..... | 8,200              | 182                          | 1,492,000                  | .84                | 1,253,000    | 152.80            |
| 1922..... | 14,000             | 100                          | 1,400,000                  | 1.75               | 2,450,000    | 175.00            |
| 1923..... | 8,620              | 125                          | 1,078,000                  | 1.69               | 1,822,000    | 211.35            |
| 1924..... | 8,040              | 145                          | 1,166,000                  | 1.19               | 1,388,000    | 172.64            |
| 1925..... | 7,900              | 181                          | 1,430,000                  | .91                | 1,301,000    | 164.72            |
| 1926..... | 11,670             | 170                          | 1,984,000                  | 1.17               | 2,321,000    | 198.89            |
| 1927..... | 12,100             | 127                          | 1,537,000                  | 1.05               | 1,614,000    | 133.39            |
| 1928..... | 9,000              | 130                          | 1,170,000                  | .94                | 1,100,000    | 122.00            |
| 1929..... | 11,000             | 230                          | 2,530,000                  | .83                | 2,100,000    | 190.91            |
| 1930..... | 10,000             | 200                          | 2,000,000                  | 1.20               | 2,400,000    | 240.00            |

All 1930 figures preliminary.

**ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR TABLE USE,  
1918-1930**

| Year      | Acres | Yield<br>per Acre,<br>Bus. | Produc-<br>tion,<br>Bushels | Price<br>per Bu. | Value      | Value<br>per Acre |
|-----------|-------|----------------------------|-----------------------------|------------------|------------|-------------------|
| 1918----- | 610   | 286                        | 174,000                     | \$1.60           | \$ 278,000 | \$455.73          |
| 1919----- | 650   | 321                        | 209,000                     | 1.29             | 270,000    | 415.45            |
| 1920----- | 630   | 250                        | 158,000                     | 1.60             | 253,000    | 401.60            |
| 1921----- | 180   | 250                        | 45,000                      | 1.65             | 74,000     | 411.11            |
| 1922----- | 490   | 303                        | 148,000                     | 1.29             | 191,000    | 389.93            |
| 1923----- | 970   | 214                        | 208,000                     | 1.76             | 366,000    | 377.35            |
| 1924----- | 350   | 223                        | 80,000                      | 1.13             | 90,000     | 257.14            |
| 1925----- | 580   | 303                        | 176,000                     | 1.20             | 211,000    | 363.80            |
| 1926----- | 410   | 265                        | 110,000                     | .76              | 84,000     | 204.88            |
| 1927----- | 800   | 200                        | 160,000                     | .85              | 136,000    | 170.00            |
| 1928----- | 600   | 264                        | 158,000                     | .91              | 144,000    | 240.00            |
| 1929----- | 600   | 310                        | 186,000                     | .97              | 180,000    | 300.00            |
| 1930----- | 700   | 320                        | 224,000                     | .80              | 179,000    | 255.71            |

**ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR  
MANUFACTURE, 1918-1930**

| Year      | Acres | Yield<br>per Acre,<br>Tons | Produc-<br>tion,<br>Tons | Price<br>per Ton | Value      | Value<br>per Acre |
|-----------|-------|----------------------------|--------------------------|------------------|------------|-------------------|
| 1918----- | 2,440 | 8.0                        | 19,500                   | \$15.12          | \$ 295,000 | \$120.90          |
| 1919----- | 2,600 | 9.1                        | 23,700                   | 12.90            | 306,000    | 117.70            |
| 1920----- | 2,530 | 6.3                        | 15,900                   | 15.00            | 238,000    | 94.09             |
| 1921----- | 730   | 6.0                        | 4,400                    | 9.00             | 40,000     | 54.80             |
| 1922----- | 2,200 | 8.2                        | 18,000                   | 8.67             | 156,000    | 70.90             |
| 1923----- | 2,860 | 5.0                        | 14,300                   | 9.00             | 129,000    | 45.10             |
| 1924----- | 2,000 | 7.2                        | 14,400                   | 10.25            | 148,000    | 74.00             |
| 1925----- | 3,040 | 8.5                        | 25,800                   | 11.50            | 297,000    | 97.70             |
| 1926----- | 2,350 | 7.5                        | 17,600                   | 12.00            | 211,000    | 89.79             |
| 1927----- | 2,000 | 7.0                        | 14,000                   | 12.00            | 168,000    | 84.00             |
| 1928----- | 1,600 | 7.4                        | 11,800                   | 11.00            | 130,000    | 81.25             |
| 1929----- | 2,030 | 8.7                        | 17,700                   | 11.00            | 195,000    | 96.06             |
| 1930----- | 2,230 | 8.5                        | 19,000                   | 10.90            | 207,000    | 92.83             |

**ACREAGE, PRODUCTION AND VALUE OF CELERY IN COLORADO, 1918-1930**

| Year      | Acres | Yield<br>per Acre,<br>Crates | Produc-<br>tion,<br>Crates | Price<br>per Crate | Value      | Value<br>per Acre |
|-----------|-------|------------------------------|----------------------------|--------------------|------------|-------------------|
| 1918----- | 200   | 313                          | 63,000                     | \$2.00             | \$ 126,000 | \$630.00          |
| 1919----- | 350   | 330                          | 116,000                    | 2.00               | 232,000    | 662.82            |
| 1920----- | 410   | 300                          | 123,000                    | 1.67               | 205,000    | 500.00            |
| 1921----- | 400   | 330                          | 132,000                    | 1.33               | 176,000    | 440.00            |
| 1922----- | 600   | 300                          | 180,000                    | 1.91               | 344,000    | 573.34            |
| 1923----- | 670   | 300                          | 201,000                    | 1.41               | 283,000    | 422.39            |
| 1924----- | 720   | 345                          | 248,000                    | 2.51               | 622,000    | 863.86            |
| 1925----- | 920   | 420                          | 386,000                    | 3.16               | 1,220,000  | 1,326.10          |
| 1926----- | 940   | 300                          | 282,000                    | 1.22               | 344,000    | 366.02            |
| 1927----- | 910   | 300                          | 282,000                    | 1.70               | 479,000    | 509.56            |
| 1928----- | 900   | 300                          | 270,000                    | 1.65               | 446,000    | 495.56            |
| 1929----- | 1,050 | 240                          | 252,000                    | 1.10               | 277,000    | 263.81            |
| 1930----- | 840   | 260                          | 218,000                    | .90                | 196,000    | 233.33            |

All 1930 figures preliminary.



**ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS GROWN IN COLORADO  
FOR TABLE USE, 1922-1930**

| Year      | Acres | Yield<br>per Acre,<br>Hampers | Produce-<br>tion,<br>Hampers | Price<br>per Hamper | Value     | Value<br>per Acre |
|-----------|-------|-------------------------------|------------------------------|---------------------|-----------|-------------------|
| 1922----- | 300   | 45                            | 14,000                       | \$1.55              | \$ 22,000 | \$ 73.33          |
| 1923----- | 380   | 75                            | 23,000                       | 1.44                | 40,000    | 105.27            |
| 1924----- | 350   | 80                            | 65,000                       | 1.85                | 126,000   | 150.00            |
| 1925----- | 2,560 | 100                           | 256,000                      | 3.07                | 786,000   | 307.00            |
| 1926----- | 1,940 | 62                            | 120,000                      | 1.94                | 233,000   | 120.10            |
| 1927----- | 4,000 | 50                            | 200,000                      | 2.84                | 568,000   | 142.00            |
| 1928----- | 6,500 | 55                            | 358,000                      | 1.60                | 573,000   | 87.85             |
| 1929----- | 9,500 | 81                            | 770,000                      | 1.30                | 1,001,000 | 105.37            |
| 1930----- | 7,790 | 75                            | 584,000                      | 1.65                | 964,000   | 123.75            |

**ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS FOR MANUFACTURE IN  
COLORADO, 1922-1930**

| Year      | Acres | Yield<br>per Acre,<br>Pounds | Produce-<br>tion,<br>Tons | Price<br>per Ton | Value     | Value<br>per Acre |
|-----------|-------|------------------------------|---------------------------|------------------|-----------|-------------------|
| 1922----- | 2,940 | 1,400                        | 2,100                     | \$65.00          | \$136,000 | \$46.24           |
| 1923----- | 3,680 | 1,000                        | 1,800                     | 69.00            | 124,000   | 33.70             |
| 1924----- | 3,140 | 1,600                        | 2,500                     | 52.54            | 131,000   | 41.72             |
| 1925----- | 3,520 | 1,800                        | 3,200                     | 60.00            | 192,000   | 54.55             |
| 1926----- | 2,570 | 1,800                        | 2,313                     | 60.10            | 139,000   | 54.09             |
| 1927----- | 1,900 | 1,800                        | 1,710                     | 60.00            | 103,000   | 54.21             |
| 1928----- | 3,000 | 1,900                        | 2,850                     | 50.00            | 142,000   | 47.33             |
| 1929----- | 3,400 | 1,776                        | 3,019                     | 44.00            | 133,000   | 39.12             |
| 1930----- | 3,700 | 1,818                        | 3,364                     | 46.00            | 155,000   | 41.89             |

**ACREAGE, PRODUCTION AND VALUE OF CABBAGE IN COLORADO, 1918-1930**

| Year      | Acres<br>Harvested | Yield<br>per Acre,<br>Tons | Produce-<br>tion,<br>Tons | Price<br>per Ton | Value      | Av. Value<br>per Acre |
|-----------|--------------------|----------------------------|---------------------------|------------------|------------|-----------------------|
| 1918----- | 4,220              | 9.0                        | 38,000                    | \$24.50          | \$ 931,000 | \$220.61              |
| 1919----- | 4,000              | 10.0                       | 40,000                    | 20.00            | 800,000    | 200.00                |
| 1920----- | 4,390              | 15.1                       | 66,300                    | 9.04             | 599,400    | 136.54                |
| 1921----- | 3,995              | 11.7                       | 46,730                    | 24.55            | 1,147,000  | 287.09                |
| 1922----- | 5,240              | 12.0                       | 62,900                    | 4.27             | 269,000    | 51.82                 |
| 1923----- | 5,270              | 14.3                       | 75,400                    | 7.40             | 558,000    | 105.91                |
| 1924----- | 4,010              | 11.0                       | 44,100                    | 11.38            | 502,000    | 125.20                |
| 1925----- | 2,000              | 11.5                       | 23,000                    | 18.96            | 436,000    | 218.00                |
| 1926----- | 3,220              | 13.6                       | 43,800                    | 7.29             | 319,000    | 99.08                 |
| 1927----- | 2,300              | 14.6                       | 33,500                    | 13.97            | 468,000    | 203.48                |
| 1928----- | 2,600              | 14.4                       | 37,500                    | 13.39            | 502,000    | 193.08                |
| 1929----- | 2,800              | 10.7                       | 30,000                    | 21.30            | 639,000    | 228.21                |
| 1930----- | 3,400              | 12.6                       | 42,900                    | 8.83             | 379,000    | 111.47                |

All 1930 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF LETTUCE IN COLORADO, 1918-1930

| Year      | Acres  | Yield<br>per Acre,<br>Crates | Production,<br>Crates | Price<br>per Crate | Value      | Value<br>per Acre |
|-----------|--------|------------------------------|-----------------------|--------------------|------------|-------------------|
| 1918----- | 140    | 255                          | 36,000                | \$3.50             | \$ 126,000 | \$900.00          |
| 1919----- | 190    | 235                          | 45,000                | 3.00               | 135,000    | 710.56            |
| 1920----- | 730    | 250                          | 182,000               | 1.80               | 323,000    | 449.32            |
| 1921----- | 900    | 270                          | 243,000               | 1.50               | 364,000    | 404.45            |
| 1922----- | 6,000  | 180                          | 1,080,000             | 1.71               | 1,847,000  | 307.83            |
| 1923----- | 6,710  | 145                          | 973,000               | 1.60               | 1,557,000  | 231.99            |
| 1924----- | 5,600  | 85                           | 476,000               | 2.16               | 1,028,000  | 183.57            |
| 1925----- | 10,500 | 133                          | 1,396,000             | 1.58               | 2,206,000  | 210.09            |
| 1926----- | 13,240 | 115                          | 1,523,000             | 1.43               | 2,178,000  | 164.50            |
| 1927----- | 13,240 | 110                          | 1,456,000             | 1.63               | 2,373,000  | 179.24            |
| 1928----- | 9,800  | 115                          | 1,127,000             | 1.07               | 1,206,000  | 123.05            |
| 1929----- | 9,800  | 110                          | 1,078,000             | 1.25               | 1,348,000  | 137.55            |
| 1930----- | 9,000  | 90                           | 810,000               | .85                | 688,000    | 76.44             |

## ACREAGE, PRODUCTION AND VALUE OF CAULIFLOWER IN COLORADO, 1922-1930

| Year      | Acres | Yield<br>per Acre,<br>Crates | Production,<br>Crates | Price<br>per Crate | Value      | Value<br>per Acre |
|-----------|-------|------------------------------|-----------------------|--------------------|------------|-------------------|
| 1922----- | 260   | 277                          | 72,000                | \$1.82             | \$ 131,000 | \$504.00          |
| 1923----- | 400   | 160                          | 64,000                | 1.11               | 71,000     | 177.50            |
| 1924----- | 400   | 160                          | 64,000                | 1.80               | 115,000    | 288.00            |
| 1925----- | 1,000 | 160                          | 160,000               | .71                | 114,000    | 114.00            |
| 1926----- | 1,100 | 90                           | 99,000                | 1.15               | 114,000    | 103.64            |
| 1927----- | 1,160 | 290                          | 336,000               | 1.78               | 598,000    | 515.52            |
| 1928----- | 1,700 | 300                          | 510,000               | 1.20               | 612,000    | 360.00            |
| 1929----- | 3,600 | 360                          | 1,296,000             | .70                | 907,000    | 251.94            |
| 1930----- | 3,000 | 320                          | 960,000               | .80                | 768,000    | 256.00            |

## ACRES, PRODUCTION AND VALUE OF GRAIN SORGHUMS IN COLORADO, 1919-1930

| Year | Acres   | Yield per<br>Acre, Bus. | Production,<br>Bushels | Price<br>per Bu. | Value        | Value<br>per Acre |
|------|---------|-------------------------|------------------------|------------------|--------------|-------------------|
| 1919 | 283,000 | 16                      | 4,528,000              | \$1.20           | \$ 5,434,000 | \$19.20           |
| 1920 | 282,000 | 15                      | 4,230,000              | .84              | 3,553,000    | 12.60             |
| 1921 | 265,000 | 13                      | 3,445,000              | .52              | 1,791,000    | 6.76              |
| 1922 | 247,000 | 14                      | 3,458,000              | .70              | 2,421,000    | 9.80              |
| 1923 | 320,000 | 18                      | 5,760,000              | .80              | 4,608,000    | 14.40             |
| 1924 | 233,000 | 8                       | 1,864,000              | .90              | 1,678,000    | 7.20              |
| 1925 | 246,000 | 11                      | 2,706,000              | .71              | 1,921,000    | 7.81              |
| 1926 | 227,000 | 5                       | 1,135,000              | .60              | 681,000      | 3.00              |
| 1927 | 284,000 | 10                      | 2,840,000              | .65              | 1,846,000    | 6.50              |
| 1928 | 256,000 | 10.5                    | 2,688,000              | .60              | 1,613,000    | 6.30              |
| 1929 | 205,000 | 11.0                    | 2,255,000              | .80              | 1,804,000    | 8.80              |
| 1930 | 211,000 | 13.5                    | 2,848,000              | .50              | 1,424,000    | 6.75              |

Note—The acreage includes both sorghums threshed for grain and that portion cut for forage, both being considered on the basis of grain values.

All 1930 figures preliminary.

ACRES OF ALL FARM LAND\* RETURNED ANNUALLY FOR ASSESSMENT IN COLORADO  
FOR 1915, 1920, 1927, 1928, 1929, AND 1930

| COUNTY           | 1930       | 1929       | 1928       | 1927       | 1920       | 1915       |
|------------------|------------|------------|------------|------------|------------|------------|
| Adams-----       | 742,427    | 750,104    | 750,430    | 750,389    | 737,123    | 629,707    |
| Alamosa-----     | 316,144    | 322,280    | 321,286    | 324,186    | 307,800    | 334,500    |
| Arapahoe-----    | 497,502    | 491,810    | 492,410    | 492,570    | 490,550    | 441,447    |
| Archuleta-----   | 246,445    | 311,076    | 323,702    | 315,008    | 257,141    | 249,577    |
| Baca-----        |            |            |            |            |            |            |
|                  | 1,533,420  | 1,532,020  | 1,529,257  | 1,555,660  | 1,137,896  | 540,620    |
| Bent-----        | 790,914    | 772,596    | 750,115    | 748,468    | 446,787    | 189,325    |
| Boulder-----     | 260,922    | 264,239    | 258,880    | 256,395    | 251,790    | 232,766    |
| Chaffee-----     | 99,954     | 98,053     | 94,626     | 95,191     | 83,363     | 80,687     |
| Cheyenne-----    | 1,072,229  | 1,075,601  | 1,074,814  | 1,073,893  | 1,044,149  | 888,535    |
| Clear Creek----- | 32,897     | 33,046     | 41,433     | 39,580     | 33,857     | 30,828     |
| Conchos-----     | 257,386    | 256,646    | 252,638    | 251,067    | 225,604    | 216,263    |
| Costilla-----    | 374,160    | 374,180    | 376,180    | 371,180    | 219,200    | 769,456    |
| Crowley-----     | 424,921    | 425,311    | 418,361    | 416,215    | 307,539    | 131,443    |
| Custer-----      | 257,318    | 254,901    | 261,240    | 249,371    | 140,405    | 117,653    |
| Delta-----       | 359,446    | 258,689    | 136,001    | 137,882    | 218,167    | 189,239    |
| Denver-----      | 5,928      | 5,706      | 6,074      | 6,178      | 7,519      | 7,843      |
| Dolores-----     | 191,787    | 190,558    | 188,894    | 179,697    | 37,035     | 10,257     |
| Douglas-----     | 379,997    | 379,358    | 379,332    | 378,954    | 375,584    | 367,270    |
| Eagle-----       | 148,314    | 155,146    | 138,772    | 132,806    | 98,394     | 85,392     |
| Elbert-----      | 1,081,479  | 1,077,854  | 1,073,216  | 1,071,684  | 1,034,431  | 952,091    |
| El Paso-----     | 988,889    | 990,870    | 991,474    | 988,354    | 951,958    | 799,156    |
| Fremont-----     | 372,416    | 359,693    | 354,360    | 350,847    | 214,408    | 182,330    |
| Garfield-----    | 327,139    | 328,812    | 323,568    | 321,505    | 259,122    | 204,520    |
| Gilpin-----      | 28,502     | 28,073     | 26,883     | 26,146     | 18,091     | 15,936     |
| Grand-----       | 265,109    | 262,169    | 253,131    | 247,424    | 172,269    | 128,246    |
| Gunnison-----    | 330,832    | 309,367    | 293,927    | 283,324    | 151,927    | 122,701    |
| Hinsdale-----    | 20,102     | 15,622     | 18,427     | 17,233     | 14,759     | 12,081     |
| Huerfano-----    | 657,567    | 654,232    | 651,264    | 611,076    | 366,959    | 340,211    |
| Jackson-----     | 306,734    | 300,497    | 291,040    | 279,308    | 214,044    | 193,940    |
| Jefferson-----   | 334,422    | 346,325    | 341,323    | 336,407    | 322,343    | 296,175    |
| Kiowa-----       | 1,050,114  | 1,030,751  | 1,036,347  | 1,026,421  | 960,670    | 680,986    |
| Kit Carson-----  | 1,307,131  | 1,307,131  | 1,307,011  | 1,305,441  | 1,265,961  | 1,128,158  |
| Lake-----        | 28,966     | 28,327     | 23,912     | 26,682     | 27,011     | 26,658     |
| La Plata-----    | 432,180    | 436,714    | 423,906    | 421,286    | 328,843    | 265,834    |
| Larimer-----     | 761,541    | 761,535    | 762,364    | 753,615    | 666,173    | 621,368    |
| Las Animas-----  | 2,576,249  | 2,637,187  | 2,549,571  | 2,500,702  | 1,078,269  | 765,310    |
| Lincoln-----     | 1,496,195  | 1,496,898  | 1,495,256  | 1,491,805  | 1,409,418  | 1,058,771  |
| Logan-----       | 988,921    | 988,321    | 987,641    | 986,200    | 966,630    | 680,036    |
| Mesa-----        | 480,507    | 474,647    | 457,564    | 452,276    | 338,284    | 287,055    |
| Mineral-----     | 26,744     | 26,599     | 27,331     | 27,309     | 20,551     | 19,256     |
| Moffat-----      | 981,949    | 960,114    | 940,924    | 900,971    | 229,710    | 129,754    |
| Montezuma-----   | 315,366    | 289,569    | 302,906    | 299,560    | 209,902    | 160,104    |
| Montrose-----    | 411,824    | 407,347    | 398,129    | 392,160    | 293,693    | 230,329    |
| Morgan-----      | 743,898    | 742,845    | 742,305    | 741,725    | 634,280    | 367,245    |
| Otero-----       | 648,908    | 623,031    | 606,039    | 612,768    | 323,442    | 240,275    |
| Ouray-----       | 149,895    | 147,958    | 144,817    | 144,074    | 155,440    | 83,793     |
| Park-----        | 466,040    | 459,728    | 445,722    | 427,839    | 192,192    | 196,132    |
| Phillips-----    | 403,618    | 408,372    | 408,372    | 408,572    | 395,780    | 385,671    |
| Pitkin-----      | 70,147     | 70,485     | 70,485     | 69,210     | 58,078     | 50,701     |
| Prowers-----     | 973,008    | 964,067    | 958,253    | 965,345    | 811,164    | 448,925    |
| Pueblo-----      | 1,169,258  | 1,165,970  | 1,164,642  | 1,158,068  | 867,047    | 688,441    |
| Rio Blanco-----  | 355,341    | 345,955    | 341,487    | 326,338    | 194,466    | 139,814    |
| Rio Grande-----  | 220,244    | 219,255    | 215,973    | 211,753    | 185,285    | 170,680    |
| Routt-----       | 559,221    | 543,945    | 518,558    | 510,291    | 345,619    | 261,047    |
| Saguache-----    | 553,117    | 539,530    | 542,679    | 521,713    | 453,873    | 407,323    |
| San Juan-----    | 200        | 200        | 200        | 200        | 200        | 200        |
| San Miguel-----  | 229,052    | 229,683    | 223,005    | 218,301    | 125,269    | 87,098     |
| Sedgwick-----    | 305,777    | 304,112    | 303,383    | 302,370    | 297,652    | 280,973    |
| Summit-----      | 38,075     | 37,740     | 37,706     | 38,022     | 28,945     | 22,610     |
| Teller-----      | 149,691    | 149,911    | 149,569    | 145,631    | 112,470    | 99,807     |
| Washington-----  | 1,481,907  | 1,487,261  | 1,485,598  | 1,493,805  | 1,393,009  | 914,615    |
| Weld-----        | 2,266,855  | 2,270,582  | 2,262,005  | 2,261,971  | 2,171,570  | 1,631,321  |
| Yuma-----        | 1,433,893  | 1,433,522  | 1,425,885  | 1,422,031  | 1,296,745  | 993,616    |
| State-----       | 35,791,134 | 35,614,126 | 35,163,103 | 34,872,453 | 27,977,855 | 22,284,101 |

\*Includes fruit, irrigated, natural hay, dry farming, grazing and waste and seep land.



**DISTRIBUTION OF AGRICULTURAL LAND**  
(From County Assessors' Reports, 1930)

| COUNTY      | Area<br>Acres | Agri-<br>cultural<br>Land | Per<br>Cent<br>of Total<br>Area | Irrigated<br>Land* | Per<br>Cent<br>of Agri-<br>cultural<br>Land | Grazing<br>Land† | Per<br>Cent<br>of Agri-<br>cultural<br>Land | Dry<br>Farming<br>Land | Per<br>Cent<br>of Agri-<br>cultural<br>Land |
|-------------|---------------|---------------------------|---------------------------------|--------------------|---|------------------|---|------------------------|---|
| Adams       | 807,680       | 753,317                   | 93.27                           | 103,648            | 13.76                                       | 140,242          | 18.62                                       | 509,427                | 67.62                                       |
| Alamosa     | 465,280       | 316,144                   | 67.95                           | 66,000             | 20.88                                       | 134,644          | 42.59                                       | 115,500                | 36.53                                       |
| Arapahoe    | 588,880       | 507,719                   | 94.22                           | 28,911             | 5.70  | 67,091           | 13.21                                       | 411,717                | 81.09                                       |
| Archuleta   | 780,800       | 246,445                   | 31.56                           | 11,049             | 4.48  | 225,239          | 91.40                                       | 10,157                 | 4.12  |
| Baca        | 1,633,280     | 1,533,420                 | 93.89                           | 2,950              | .19   | 562,425          | 36.68                                       | 968,045                | 63.13                                       |
| Bent        | 975,360       | 790,914                   | 81.08                           | 48,170             | 6.09  | 683,507          | 86.42                                       | 69,237                 | 7.49  |
| Boulder     | 488,960       | 263,785                   | 53.85                           | 81,990             | 31.08                                       | 169,420          | 60.44                                       | 22,375                 | 8.48  |
| Chaffee     | 693,120       | 99,954                    | 14.42                           | 25,062             | 25.07                                       | 74,892           | 74.93                                       | ---                    | ---   |
| Cheyenne    | 1,137,280     | 1,072,229                 | 94.28                           | ---                | ---   | 231,283          | 21.57                                       | 840,946                | 78.43                                       |
| Clear Creek | 249,600       | 33,356                    | 13.36                           | 459                | 1.38  | 32,897           | 98.62                                       | ---                    | ---   |
| Conejos     | 801,280       | 257,386                   | 32.12                           | 96,400             | 37.45                                       | 160,986          | 62.55                                       | ---                    | ---   |
| Costilla    | 758,400       | 374,160                   | 49.34                           | 83,660             | 22.36                                       | 280,000          | 74.83                                       | 10,500                 | 2.81  |
| Crowley     | 517,120       | 424,921                   | 82.17                           | 40,130             | 9.44  | 375,382          | 88.34                                       | 9,409                  | 2.22  |
| Custer      | 478,080       | 257,318                   | 53.82                           | 17,564             | 6.83  | 234,036          | 90.95                                       | 5,718                  | 2.22  |
| Delta       | 768,640       | 359,446                   | 46.76                           | 63,492             | 17.66                                       | 274,009          | 76.23                                       | 21,945                 | 6.11  |
| Denver      | 37,120        | 5,928                     | 15.97                           | 5,928              | 100.00                                      | ---              | ---   | ---                    | ---   |
| Dolores     | 667,520       | 191,787                   | 28.73                           | 1,083              | .56   | 117,352          | 61.19                                       | 73,352                 | 38.25                                       |
| Douglas     | 540,800       | 379,997                   | 70.27                           | 12,267             | 5.23  | 277,923          | 73.14                                       | 89,807                 | 23.63                                       |
| Eagle       | 1,036,800     | 148,314                   | 14.30                           | 25,276             | 17.04                                       | 121,973          | 82.24                                       | 1,065                  | .72   |
| Elbert      | 1,188,480     | 1,081,479                 | 91.00                           | 11,766             | 1.09  | 722,228          | 66.78                                       | 347,495                | 32.13                                       |
| El Paso     | 1,357,440     | 990,234                   | 72.95                           | 23,851             | 2.41  | 749,493          | 75.69                                       | 216,890                | 21.90                                       |
| Fremont     | 996,480       | 372,416                   | 37.37                           | 18,226             | 4.89  | 311,524          | 83.65                                       | 42,666                 | 11.46                                       |
| Garfield    | 1,988,480     | 327,139                   | 16.45                           | 54,038             | 16.52                                       | 244,065          | 74.60                                       | 29,036                 | 8.88  |
| Gipin       | 84,480        | 28,502                    | 33.74                           | 28,502             | 100.00                                      | ---              | ---   | ---                    | ---   |
| Grand       | 1,191,240     | 265,109                   | 22.20                           | 32,234             | 12.16                                       | 232,875          | 87.84                                       | ---                    | ---   |
| Gunnison    | 2,034,560     | 330,832                   | 16.26                           | 38,096             | 11.52                                       | 292,439          | 88.40                                       | 297                    | .08   |
| Hinsdale    | 621,440       | 20,102                    | 3.23                            | 2,489              | 12.38                                       | 17,613           | 87.62                                       | ---                    | ---   |
| Huerfano    | 960,000       | 657,567                   | 68.50                           | 16,432             | 2.50  | 618,945          | 94.13                                       | 22,190                 | 3.37  |
| Jackson     | 1,044,480     | 306,734                   | 29.37                           | 69,361             | 22.61                                       | 237,271          | 77.35                                       | 102                    | .04   |
| Jefferson   | 517,120       | 346,382                   | 66.98                           | 63,360             | 18.29                                       | 254,322          | 73.42                                       | 28,700                 | 8.29  |

|            |            |            |       |           |       |            |        |           |       |
|------------|------------|------------|-------|-----------|-------|------------|--------|-----------|-------|
| Kiowa      | 1,150,720  | 1,050,114  | 91.26 | ---       | ---   | 291,360    | 27.75  | 758,754   | 72.25 |
| Kit Carson | 1,381,760  | 1,307,131  | 94.60 | 4.207     | .32   | 290,251    | 22.21  | 1,012,673 | 77.47 |
| Lake       | 237,440    | 28,966     | 12.20 | 5,089     | 17.57 | 23,877     | 82.43  | ---       | ---   |
| La Plata   | 1,184,640  | 432,705    | 36.53 | 52,353    | 12.10 | 360,051    | 83.21  | 20,301    | 4.69  |
| Larimer    | 1,682,560  | 762,919    | 45.34 | 123,314   | 16.16 | 615,605    | 80.69  | 24,000    | 3.15  |
| Las Animas | 3,077,760  | 2,577,248  | 83.74 | 30,996    | 1.21  | 2,484,593  | 96.40  | 61,659    | 2.39  |
| Lincoln    | 1,644,800  | 1,496,195  | 90.97 | 3,102     | .21   | 581,742    | 38.88  | 911,351   | 60.91 |
| Logan      | 1,166,080  | 988,921    | 84.81 | 85,481    | 8.64  | 333,440    | 33.72  | 570,000   | 57.64 |
| Mesa       | 2,024,320  | 481,048    | 23.76 | 100,409   | 20.87 | 380,639    | 79.13  | ---       | ---   |
| Mineral    | 554,240    | 26,744     | 4.83  | 4,364     | 16.32 | 22,380     | 83.68  | ---       | ---   |
| Moffat     | 2,981,120  | 981,949    | 32.94 | 15,140    | 1.54  | 931,572    | 74.87  | 36,237    | 3.59  |
| Montezuma  | 1,312,640  | 315,366    | 24.02 | 37,550    | 11.31 | 235,453    | 74.65  | 42,383    | 13.44 |
| Montrose   | 1,448,960  | 411,824    | 28.42 | 65,559    | 15.95 | 322,475    | 78.30  | 23,690    | 5.75  |
| Morgan     | 823,040    | 743,898    | 90.38 | 83,262    | 11.19 | 416,176    | 55.95  | 244,460   | 32.86 |
| Otero      | 805,760    | 648,908    | 80.53 | 78,901    | 12.16 | 559,395    | 86.20  | 10,612    | 1.64  |
| Ouray      | 332,160    | 149,895    | 45.13 | 11,853    | 7.91  | 134,532    | 89.75  | 3,510     | 2.34  |
| Park       | 1,434,880  | 466,040    | 32.48 | 23,480    | 5.04  | 437,100    | 93.79  | 5,460     | 1.17  |
| Phillips   | 440,320    | 408,618    | 92.80 | ---       | ---   | 34,968     | 8.56   | 373,650   | 91.44 |
| Pitkin     | 652,160    | 70,147     | 10.76 | 17,088    | 24.36 | 52,919     | 75.44  | 140       | .20   |
| Prowers    | 1,043,200  | 973,397    | 93.31 | 97,631    | 10.02 | 236,499    | 24.30  | 639,367   | 65.68 |
| Pueblo     | 1,557,120  | 1,174,173  | 75.41 | 45,173    | 3.85  | 1,047,040  | 89.17  | 81,960    | 6.98  |
| Rio Blanco | 2,062,720  | 355,341    | 17.23 | 23,734    | 6.68  | 310,678    | 87.43  | 20,929    | 5.89  |
| Rio Grande | 574,720    | 220,244    | 38.32 | 93,465    | 42.44 | 126,779    | 57.56  | ---       | ---   |
| Routt      | 1,477,760  | 559,221    | 37.84 | 41,873    | 7.49  | 464,482    | 83.06  | 52,866    | 9.45  |
| Saguache   | 2,005,120  | 553,117    | 27.59 | 86,640    | 15.66 | 466,477    | 84.34  | ---       | ---   |
| San Juan   | 289,920    | 200        | .07   | ---       | ---   | 200        | 100.00 | ---       | ---   |
| San Miguel | 821,320    | 229,052    | 27.79 | 7,180     | 3.14  | 215,453    | 94.06  | 6,419     | 2.80  |
| Sedgwick   | 339,840    | 305,777    | 89.98 | 25,575    | 8.36  | 91,450     | 29.91  | 188,752   | 61.73 |
| Summit     | 415,360    | 38,075     | 9.17  | 6,770     | 17.78 | 31,305     | 82.22  | ---       | ---   |
| Teller     | 350,080    | 149,691    | 42.78 | 2,036     | 1.36  | 125,431    | 83.79  | 22,224    | 14.85 |
| Washington | 1,613,440  | 1,431,907  | 91.85 | 7,648     | .52   | 337,168    | 22.75  | 1,137,091 | 76.73 |
| Weld       | 2,574,080  | 2,269,109  | 88.15 | 355,722   | 15.67 | 1,166,047  | 51.39  | 747,340   | 32.94 |
| Yuma       | 1,514,880  | 1,438,893  | 94.98 | 8,468     | .59   | 745,316    | 51.80  | 685,119   | 47.61 |
| State      | 66,341,120 | 35,839,869 | 54.02 | 2,587,935 | 7.22  | 21,735,411 | 60.65  | 1,516,523 | 32.13 |

\*Includes acreage classed by assessors as fruit land, natural hay land and suburban tracts.  
†Includes acreage classed by assessors as waste and seep land.

ASSESSED VALUE OF FARM PROPERTY IN COLORADO, 1929 AND 1930  
(Compiled from Records of the State Tax Commission)

| COUNTY      | 1930          |            |                  |                         |                               |                             |                         | 1929          |               |
|-------------|---------------|------------|------------------|-------------------------|-------------------------------|-----------------------------|-------------------------|---------------|---------------|
|             | Farm Land     | Livestock  | Poultry and Bees | Equities in State Lands | Improvements on Patented Land | Improvements on Public Land | Agricultural Implements | Total         | Total         |
| Adams       | \$ 15,392,950 | \$ 862,180 | \$ 56,790        | \$ 67,530               | \$ 2,651,750                  | \$ 95,950                   | \$ 263,640              | \$ 19,390,790 | \$ 19,154,530 |
| Alamosa     | 4,178,429     | 444,350    | 9,510            | 45,472                  | 329,585                       | 29,380                      | 68,835                  | 5,105,600     | 5,180,037     |
| Arapahoe    | 8,028,015     | 621,685    | 46,080           | 68,606                  | 1,739,815                     | ---                         | 97,960                  | 10,602,155    | 11,166,715    |
| Archuleta   | 1,201,821     | 568,356    | 4,200            | 4,330                   | 250,315                       | 1,500                       | 19,195                  | 1,989,717     | 2,166,425     |
| Baca        | 8,028,385     | 1,051,986  | 27,320           | 130,000                 | 622,000                       | 9,650                       | 254,532                 | 10,124,373    | 9,921,323     |
| Bent        | 6,090,800     | 324,050    | 30,460           | 34,165                  | 676,970                       | 17,235                      | 61,310                  | 7,824,990     | 7,953,990     |
| Boulder     | 10,790,650    | 788,300    | 41,990           | 6,600                   | 2,307,120                     | 4,090                       | 125,060                 | 14,064,410    | 14,052,130    |
| Chaffee     | 1,368,195     | 303,320    | 3,695            | ---                     | 534,480                       | 25,645                      | 72,405                  | 2,307,740     | 2,337,210     |
| Cheyenne    | 7,877,170     | 875,575    | 16,615           | 31,350                  | 473,445                       | 1,910                       | 72,255                  | 9,348,320     | 9,306,909     |
| Clear Creek | 331,115       | 27,610     | 390              | 9,535                   | 123,445                       | 2,780                       | 2,300                   | 547,175       | 557,250       |
| Conejos     | 4,394,140     | 1,028,515  | 13,270           | 38,810                  | 527,705                       | 5,590                       | 84,100                  | 6,092,130     | 6,254,580     |
| Costilla    | 2,670,950     | 277,845    | 3,155            | ---                     | 237,265                       | 9,050                       | 37,550                  | 3,236,815     | 3,270,735     |
| Crowley     | 4,946,033     | 572,675    | 26,350           | 19,675                  | 661,000                       | 36,155                      | 98,250                  | 6,360,138     | 6,709,655     |
| Custer      | 1,440,525     | 306,530    | 2,955            | ---                     | 312,195                       | 10,740                      | 39,880                  | 2,112,825     | 2,116,190     |
| Delta       | 5,043,125     | 1,299,625  | 35,575           | ---                     | 1,135,720                     | 12,260                      | 139,565                 | 7,665,870     | 7,842,100     |
| Denver      | 3,714,910     | 52,410     | ---              | ---                     | 5,829,650                     | ---                         | 7,600                   | 9,604,570     | 9,481,310     |
| Dolores     | 811,653       | 220,201    | 1,560            | 440                     | 81,430                        | 8,181                       | 13,530                  | 1,029,795     | 1,029,795     |
| Douglas     | 3,281,495     | 861,350    | 12,325           | ---                     | 1,832,475                     | 28,175                      | 104,790                 | 6,120,610     | 6,142,945     |
| Eagle       | 2,176,172     | 883,833    | 4,094            | 960                     | 374,450                       | 18,535                      | 65,520                  | 3,523,564     | 3,556,912     |
| Elbert      | 8,513,870     | 1,270,726  | 27,173           | 130,278                 | 1,082,740                     | 68,780                      | 219,949                 | 11,310,516    | 12,550,711    |
| El Paso     | 3,240,560     | 1,373,170  | 35,380           | 73,510                  | 2,282,200                     | 49,120                      | 78,120                  | 12,132,060    | 12,638,880    |
| Fremont     | 3,494,180     | 444,406    | 25,594           | 12,328                  | 2,348,000                     | 8,790                       | 39,618                  | 6,372,916     | 6,472,877     |
| Garfield    | 5,148,460     | 1,749,395  | 30,410           | ---                     | 860,110                       | 130,055                     | 402,450                 | 8,320,880     | 8,373,090     |
| Glin        | 87,618        | 25,643     | ---              | 8,527                   | 25,535                        | ---                         | 1,485                   | 143,808       | 156,750       |
| Grand       | 1,853,890     | 625,975    | 1,565            | 12,105                  | 385,320                       | 69,115                      | 52,825                  | 2,980,795     | 2,979,555     |
| Gunnison    | 2,459,059     | 1,410,835  | 2,830            | 4,850                   | 666,745                       | 24,405                      | 47,050                  | 4,615,774     | 4,699,075     |
| Hinsdale    | 120,679       | 179,864    | 55               | 3,800                   | 29,250                        | 16,415                      | 2,015                   | 352,108       | 193,621       |
| Huerfano    | 2,466,552     | 696,470    | 6,630            | 2,905                   | 376,990                       | 31,340                      | 99,085                  | 3,680,272     | 3,919,936     |



|            |               |              |             |             |              |             |             |               |               |
|------------|---------------|--------------|-------------|-------------|--------------|-------------|-------------|---------------|---------------|
| Jackson    | 1,546,600     | 1,143,560    | 1,030       | 9,840       | 264,520      | 12,670      | 56,880      | 3,035,100     | 3,152,140     |
| Jefferson  | 10,878,110    | 773,150      | 64,020      | 27,070      | 5,964,620    | 10,000      | 122,120     | 17,839,090    | 17,597,070    |
| Kiowa      | 7,988,890     | 500,580      | 14,855      | 41,640      | 280,020      | 1,700       | 26,870      | 8,944,555     | 9,246,460     |
| Kit Carson | 12,248,283    | 1,289,283    | 45,373      | 65,971      | 1,656,000    | 155,360     | 318,561     | 15,778,631    | 15,813,112    |
| Lake       | 174,230       | 40,545       | -----       | 435         | 209,655      | -----       | 4,960       | 429,825       | 431,725       |
| La Plata   | 3,928,690     | 794,845      | 25,125      | -----       | 893,505      | 3,730       | 63,045      | 5,708,840     | 5,885,255     |
| Larimer    | 13,217,350    | 1,851,880    | 50,600      | 45,520      | 5,087,770    | 31,560      | 402,760     | 20,690,440    | 20,267,030    |
| Las Animas | 9,450,660     | 2,331,101    | 15,542      | -----       | 1,327,048    | 95,445      | 91,012      | 13,810,808    | 12,583,761    |
| Lincoln    | 10,598,070    | 1,242,605    | 34,960      | 72,565      | 570,790      | 93,020      | 131,975     | 12,743,985    | 14,866,950    |
| Logan      | 14,684,910    | 1,650,883    | 57,835      | 158,790     | 2,099,650    | 43,760      | 555,770     | 19,251,598    | 19,172,465    |
| Mesa       | 9,415,720     | 2,228,980    | 74,085      | -----       | 1,934,650    | 27,690      | 214,770     | 13,895,895    | 13,684,670    |
| Mineral    | 177,860       | 130,555      | 325         | 640         | 149,105      | 6,349       | 2,850       | 467,675       | 478,515       |
| Moffat     | 3,320,210     | 1,109,125    | 7,340       | 40,300      | 543,715      | 28,410      | 88,660      | 5,138,070     | 5,366,755     |
| Montezuma  | 2,689,065     | 718,420      | 20,825      | 52,355      | 478,820      | 23,410      | 58,235      | 4,041,330     | 4,135,700     |
| Montrose   | 1,207,540     | 4,429,575    | 38,746      | 89,100      | 882,510      | 9,575       | 372,150     | 6,710,056     | 6,890,576     |
| Morgan     | 10,409,740    | 1,315,410    | 46,850      | -----       | 1,581,870    | 45,730      | -----       | 13,860,850    | 14,064,550    |
| Otero      | 8,566,595     | 1,150,695    | 60,455      | 13,955      | 3,561,765    | 343,865     | 240,550     | 13,937,880    | 14,258,414    |
| Ouray      | 994,893       | 315,911      | 2,129       | -----       | 135,840      | 500         | 22,170      | 1,471,443     | 1,512,246     |
| Park       | 2,170,700     | 746,110      | 3,210       | 22,540      | 612,340      | 15,400      | 60,020      | 3,630,320     | 3,768,375     |
| Phillips   | 9,767,105     | 432,425      | 25,595      | 59,590      | 669,050      | 123,125     | 266,315     | 11,343,205    | 11,282,855    |
| Pitkin     | 1,049,895     | 293,720      | 1,545       | 3,780       | 235,983      | 23,120      | 37,260      | 1,645,300     | 1,684,910     |
| Prowers    | 9,906,290     | 1,079,910    | 51,101      | 42,160      | 1,393,690    | 43,500      | 181,979     | 12,698,630    | 13,267,306    |
| Pueblo     | 9,665,650     | 1,130,130    | 38,495      | 255,290     | 12,494,475   | 74,230      | 136,205     | 23,794,475    | 23,993,095    |
| Rio Blanco | 2,601,200     | 1,422,175    | 3,675       | -----       | 495,960      | 10,335      | 70,270      | 4,613,615     | 4,731,570     |
| Rio Grande | 5,015,087     | 843,285      | 6,090       | 191,235     | 651,875      | 108,350     | 78,360      | 6,894,282     | 6,715,917     |
| Routt      | 4,430,550     | 1,755,930    | 10,000      | 76,100      | 1,043,110    | 104,050     | 172,620     | 7,592,360     | 7,953,050     |
| Saguache   | 3,986,452     | 1,433,718    | 4,888       | 70,147      | 503,033      | 28,325      | 51,775      | 6,078,338     | 6,413,048     |
| San Juan   | 1,280         | 56,963       | -----       | -----       | -----        | -----       | 250         | 58,493        | 81,388        |
| San Miguel | 1,087,810     | 458,035      | 2,700       | 7,140       | 244,440      | 7,670       | 19,670      | 1,827,465     | 2,002,240     |
| Sedgwick   | 6,107,975     | 501,385      | 16,690      | 88,925      | 732,185      | 8,800       | 188,790     | 7,635,750     | 7,607,810     |
| Summit     | 354,345       | 200,790      | 320         | 1,760       | 54,010       | 500         | 6,375       | 618,100       | 564,065       |
| Teller     | 530,160       | 214,355      | 855         | -----       | 116,810      | 5,399       | 20,715      | 888,285       | 873,000       |
| Washington | 9,754,554     | 1,334,527    | 53,290      | 56,206      | 786,260      | 8,350       | 227,300     | 12,220,587    | 13,301,754    |
| Weld       | 41,272,530    | 3,726,810    | 113,270     | 150,940     | 5,832,584    | 135,930     | 917,030     | 52,149,094    | 53,322,040    |
| Yuma       | 15,830,760    | 1,792,250    | 59,250      | 92,400      | 1,062,120    | 22,380      | 316,850     | 19,176,010    | 19,340,810    |
| State      | \$372,453,204 | \$57,008,106 | \$1,417,740 | \$2,437,164 | \$83,298,510 | \$2,364,376 | \$8,207,996 | \$527,187,096 | \$536,496,560 |

**ACREAGE OF IRRIGATED LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1925, 1928, 1929 AND 1930**

| COUNTY           | 1930      | 1929      | 1928      | 1925      | 1920      | 1914      |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Adams ----       | 82,499    | 93,389    | 94,000    | 87,343    | 102,073   | 100,381   |
| Alamosa ----     | 28,500    | 27,500    | 27,500    | 26,800    | 26,000    | 65,900    |
| Arapahoe ----    | 18,694    | 27,750    | 28,120    | 29,876    | 33,180    | 38,625    |
| Archuleta ----   | 10,479    | 10,598    | 10,321    | 10,712    | 11,826    | 8,918     |
|                  |           | 2,950     | 3,295     | 3,540     | 9,000     | -----     |
| Baca -----       | 2,950     |           |           |           |           |           |
| Bent -----       | 48,170    | 47,550    | 45,649    | 47,909    | 46,732    | 46,234    |
| Boulder ----     | 79,127    | 79,059    | 81,822    | 83,563    | 86,407    | 98,323    |
| Chaffee ----     | 25,062    | 24,543    | 23,389    | 22,526    | 20,045    | 19,037    |
| Cheyenne ----    | -----     | -----     | -----     | -----     | -----     | -----     |
| Clear Creek ---- | -----     | -----     | -----     | -----     | -----     | -----     |
| Conejos ----     | 36,480    | 85,840    | 85,840    | 86,950    | 87,300    | 97,656    |
| Costilla ----    | 73,060    | 78,580    | 80,580    | 80,825    | 83,000    | 92,239    |
| Crowley ----     | 40,007    | 40,198    | 39,667    | 40,330    | 54,050    | 45,336    |
| Custer ----      | 5,968     | 5,916     | 6,250     | 10,208    | 11,965    | 7,083     |
| Delta -----      | 56,034    | 55,159    | 56,370    | 55,208    | 64,849    | 56,123    |
| Denver ----      | 5,928     | 5,706     | 6,074     | 6,606     | 7,519     | 7,724     |
| Dolores ----     | 1,083     | 836       | 836       | 832       | 2,065     | 1,358     |
| Douglas ----     | 6,414     | 6,335     | 6,199     | 6,856     | 7,715     | 7,075     |
| Eagle -----      | 25,276    | 25,379    | 25,721    | 23,557    | 22,259    | 19,778    |
| Elbert -----     | -----     | -----     | -----     | -----     | 330       | 220       |
| El Paso ----     | 20,426    | 20,400    | 20,400    | 20,400    | 20,500    | 19,120    |
| Fremont ----     | 14,975    | 14,869    | 13,301    | 21,659    | 20,633    | 15,337    |
| Garfield ----    | 53,240    | 53,925    | 53,641    | 51,588    | 59,278    | 53,278    |
| Gilpin ----      | -----     | -----     | -----     | -----     | -----     | -----     |
| Grand -----      | 32,234    | 32,854    | 33,853    | 29,592    | 31,097    | 25,111    |
| Gunnison --      | 38,096    | 36,845    | 37,710    | 39,405    | 35,955    | 32,497    |
| Hinsdale ----    | 2,489     | 2,206     | 2,352     | 2,180     | 2,233     | 1,445     |
| Huerfano --      | 12,897    | 16,106    | 15,591    | 5,223     | 21,802    | 19,037    |
| Jackson ----     | -----     | -----     | -----     | 71,635    | 67,685    | 59,710    |
| Jefferson --     | 51,400    | 51,759    | 69,486    | 48,263    | 49,397    | 40,200    |
| Kiowa -----      | -----     | -----     | -----     | -----     | -----     | -----     |
| Kit Carson --    | 506       | 583       | 732       | 145       | 180       | 750       |
| Lake -----       | -----     | -----     | -----     | -----     | -----     | -----     |
| La Plata ----    | 51,708    | 53,080    | 53,341    | 56,788    | 57,881    | 44,995    |
| Larimer ----     | 105,532   | 105,679   | 110,226   | 111,589   | 106,921   | 111,278   |
| Las Animas --    | 23,552    | 20,893    | 25,542    | 28,830    | 22,931    | 23,876    |
| Lincoln ----     | -----     | -----     | -----     | -----     | -----     | -----     |
| Logan -----      | 70,431    | 70,481    | 70,481    | 67,000    | 59,472    | 63,344    |
| Mesa -----       | 93,653    | 91,049    | 88,952    | 97,692    | 89,452    | 82,589    |
| Mineral ----     | 1,707     | 1,847     | 2,028     | 993       | 370       | 1,309     |
| Moffat ----      | 11,420    | 13,261    | 13,341    | 18,187    | 16,247    | 15,163    |
| Montezuma --     | 36,850    | 36,925    | 35,388    | 37,579    | 37,077    | 38,660    |
| Montrose --      | 64,557    | 65,459    | 65,628    | 69,748    | 79,240    | 73,129    |
| Morgan ----      | 81,062    | 81,085    | 79,712    | 78,692    | 76,269    | 74,580    |
| Otero -----      | 78,464    | 78,307    | 80,493    | 76,492    | 79,015    | 70,201    |
| Ouray -----      | 9,625     | 9,824     | 9,824     | 10,060    | 11,655    | 10,143    |
| Park -----       | -----     | -----     | -----     | -----     | -----     | -----     |
| Phillips ----    | -----     | -----     | -----     | -----     | -----     | -----     |
| Pitkin ----      | 17,088    | 18,127    | 18,127    | 16,163    | 15,407    | 14,081    |
| Prowers ----     | 93,702    | 90,282    | 95,891    | 95,744    | 89,851    | 96,585    |
| Pueblo ----      | 40,258    | 40,225    | 45,580    | 40,376    | 40,788    | 47,641    |
| Rio Blanco --    | 21,824    | 22,321    | 22,269    | 23,552    | 22,990    | 19,973    |
| Rio Grande --    | 63,908    | 63,641    | 72,696    | 72,403    | 42,721    | 80,861    |
| Routt -----      | 41,873    | 42,614    | 41,563    | 42,494    | 47,864    | 36,159    |
| Saguache --      | 37,640    | 37,640    | 37,640    | 37,640    | 37,480    | 26,496    |
| San Juan ----    | -----     | -----     | -----     | -----     | -----     | -----     |
| San Miguel --    | 7,180     | 7,544     | 7,347     | 8,857     | 9,390     | 6,631     |
| Sedgwick --      | 19,825    | 19,872    | 19,937    | 19,816    | 20,054    | 20,396    |
| Summit ----      | 6,770     | 6,760     | 6,708     | 7,011     | 6,225     | 4,970     |
| Teller ----      | -----     | -----     | -----     | -----     | -----     | -----     |
| Washington --    | 7,648     | 7,786     | 7,685     | 6,885     | 6,682     | 7,050     |
| Weld -----       | 346,795   | 357,505   | 355,899   | 339,139   | 343,808   | 283,058   |
| Yuma -----       | 3,678     | 3,624     | 4,625     | 5,600     | 3,550     | 4,332     |
| State -----      | 2,163,794 | 2,192,666 | 2,239,622 | 2,283,111 | 2,308,415 | 2,236,000 |

ACREAGE OF DRY FARMING LAND AS RETURNED BY COUNTY ASSESSORS FOR  
ASSESSMENT FOR 1914, 1920, 1925, 1928, 1929 AND 1930

| COUNTY           | 1930       | 1929       | 1928       | 1925       | 1920       | 1914      |
|------------------|------------|------------|------------|------------|------------|-----------|
| Adams-----       | 509,427    | 443,523    | 496,800    | 502,099    | 442,385    | 135,930   |
| Alamosa-----     | 115,500    | 115,500    | 115,500    | 112,150    | 102,000    | -----     |
| Arapahoe-----    | 411,717    | 380,330    | 380,600    | 379,940    | 375,440    | 42,760    |
| Archuleta-----   | 10,157     | 10,482     | 10,570     | 10,760     | 10,876     | 3,988     |
| Baca-----        | 968,045    | 968,045    | 967,642    | 955,977    | 1,080,212  | -----     |
| Bent-----        | 59,237     | 60,580     | 6,098      | 4,730      | 6,435      | -----     |
| Boulder-----     | 22,375     | 23,119     | 22,662     | 23,496     | 22,838     | -----     |
| Chaffee-----     | -----      | -----      | -----      | -----      | -----      | -----     |
| Cheyenne-----    | 840,946    | 845,120    | 844,824    | 851,476    | 1,044,149  | -----     |
| Clear Creek----- | -----      | -----      | -----      | -----      | -----      | -----     |
| Conejos-----     | -----      | -----      | -----      | -----      | -----      | -----     |
| Costilla-----    | 10,500     | 10,000     | 10,000     | 10,000     | 1,000      | -----     |
| Crowley-----     | 9,409      | 11,699     | 13,713     | 12,584     | 2,351      | 1,751     |
| Custer-----      | 5,718      | 6,711      | 5,813      | 2,386      | 12,101     | -----     |
| Delta-----       | 21,945     | 24,108     | 23,939     | 25,116     | 38,075     | -----     |
| Denver-----      | -----      | -----      | -----      | -----      | -----      | -----     |
| Dolores-----     | 73,352     | 17,866     | 17,301     | 65,219     | 14,292     | -----     |
| Douglas-----     | 89,807     | 89,030     | 88,059     | 84,078     | 89,217     | 23,666    |
| Eagle-----       | 1,065      | 844        | -----      | -----      | -----      | -----     |
| Elbert-----      | 347,495    | 352,362    | 353,133    | 366,242    | 407,190    | 65,512    |
| El Paso-----     | 216,890    | 217,010    | 218,704    | 218,560    | 213,520    | 193,150   |
| Fremont-----     | 42,666     | 45,185     | 45,135     | 68,583     | 21,366     | 17,510    |
| Garfield-----    | 29,036     | 29,458     | 29,228     | 32,006     | 32,961     | 39,602    |
| Gilpin-----      | -----      | -----      | -----      | -----      | -----      | -----     |
| Grand-----       | -----      | -----      | -----      | -----      | -----      | -----     |
| Gunnison-----    | 297        | 285        | -----      | -----      | -----      | -----     |
| Hinsdale-----    | -----      | -----      | 331        | 316        | -----      | -----     |
| Huerfano-----    | 22,190     | 25,102     | 23,746     | 27,093     | 5,012      | -----     |
| Jackson-----     | 102        | -----      | -----      | -----      | -----      | -----     |
| Jefferson-----   | 28,700     | 28,816     | 19,060     | 25,624     | 29,029     | 30,970    |
| Kiowa-----       | 758,754    | 746,389    | 750,610    | 789,526    | -----      | -----     |
| Kit Carson-----  | 1,012,673  | 1,013,515  | 1,025,606  | 1,040,810  | 1,033,286  | 59,947    |
| Lake-----        | -----      | -----      | -----      | -----      | -----      | -----     |
| La Plata-----    | 20,301     | 19,243     | 18,636     | 17,593     | 15,289     | 6,045     |
| Larimer-----     | 24,000     | 24,019     | 23,866     | 22,910     | 22,520     | 20,004    |
| Las Animas-----  | 61,659     | 58,161     | 52,237     | 86,656     | 27,293     | 12,507    |
| Lincoln-----     | 911,351    | 909,372    | 908,281    | 859,969    | 914,318    | -----     |
| Logan-----       | 570,000    | 570,000    | 571,080    | 580,000    | 584,019    | 252,429   |
| Mesa-----        | -----      | -----      | -----      | -----      | -----      | -----     |
| Mineral-----     | -----      | -----      | -----      | -----      | -----      | -----     |
| Moffat-----      | 35,237     | 39,112     | 40,947     | 130,879    | 79,808     | 4,936     |
| Montezuma-----   | 42,383     | 40,394     | 39,638     | 38,781     | 23,468     | 30,413    |
| Montrose-----    | 23,690     | 23,412     | 20,868     | 29,528     | 37,621     | 25,261    |
| Morgan-----      | 244,460    | 244,450    | 248,293    | 254,545    | 236,392    | 41,578    |
| Otero-----       | 10,612     | 11,209     | 14,242     | 24,197     | 20,316     | 19,550    |
| Ouray-----       | 3,510      | 3,510      | 3,460      | 3,387      | 2,986      | 1,778     |
| Park-----        | 5,460      | 5,482      | 5,630      | 6,508      | 6,021      | 3,483     |
| Phillips-----    | 373,650    | 374,362    | 374,398    | 371,670    | 366,420    | 426,161   |
| Pitkin-----      | 140        | 300        | 300        | 300        | 480        | 480       |
| Prowers-----     | 639,367    | 635,900    | 593,578    | 597,977    | 5,090      | -----     |
| Pueblo-----      | 81,960     | 81,890     | 81,960     | 80,260     | 72,942     | 62,485    |
| Rio Blanco-----  | 20,929     | 19,074     | 23,019     | 18,240     | 18,684     | 5,076     |
| Rio Grande-----  | -----      | -----      | -----      | -----      | 28,400     | -----     |
| Routt-----       | 52,866     | 55,449     | 54,820     | 60,241     | 42,015     | 22,376    |
| Saguache-----    | -----      | -----      | -----      | -----      | -----      | -----     |
| San Juan-----    | -----      | -----      | -----      | -----      | -----      | -----     |
| San Miguel-----  | 6,419      | 7,036      | 8,113      | 8,469      | 7,452      | 4,500     |
| Sedgwick-----    | 188,752    | 187,800    | 185,576    | 187,150    | 179,121    | 177,345   |
| Summit-----      | -----      | -----      | -----      | -----      | -----      | -----     |
| Teller-----      | 22,224     | 23,018     | 24,391     | 23,226     | 18,281     | 6,749     |
| Washington-----  | 1,137,091  | 1,167,884  | 1,211,740  | 1,158,074  | 1,215,046  | 859,538   |
| Weld-----        | 747,340    | 737,825    | 729,521    | 719,947    | 806,842    | 62,564    |
| Yuma-----        | 685,119    | 681,815    | 688,868    | 751,188    | 620,238    | 617,925   |
| State-----       | 11,516,523 | 11,385,796 | 11,392,036 | 11,640,466 | 10,339,797 | 3,277,919 |



**ACREAGE OF IMPROVED FRUIT LAND AND NATURAL HAY LAND AS RETURNED BY  
COUNTY ASSESSORS FOR 1914, 1920, 1929, 1930**

| COUNTY      | IMPROVED FRUIT LAND |        |        |        | NATURAL HAY LAND |         |         |         |
|-------------|---------------------|--------|--------|--------|------------------|---------|---------|---------|
|             | 1930                | 1929   | 1920   | 1914   | 1930             | 1929    | 1920    | 1914    |
| Adams       | -----               | -----  | -----  | -----  | 10,259           | 7,843   | -----   | -----   |
| Alamosa     | -----               | -----  | -----  | -----  | 37,500           | 37,300  | 37,000  | 12,368  |
| Arapahoe    | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Archuleta   | -----               | -----  | -----  | -----  | 570              | 515     | -----   | -----   |
| Baca        | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Bent        | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Boulder     | -----               | -----  | -----  | -----  | -----            | -----   | 2,904   | -----   |
| Chaffee     | -----               | -----  | -----  | 150    | -----            | -----   | -----   | -----   |
| Cheyenne    | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Clear Creek | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Conejos     | -----               | -----  | -----  | -----  | 9,920            | 9,920   | 9,400   | 10,000  |
| Costilla    | -----               | -----  | -----  | -----  | 5,600            | 5,600   | 5,200   | 5,300   |
| Crowley     | 123                 | 192    | 535    | 540    | -----            | -----   | -----   | -----   |
| Custer      | -----               | -----  | -----  | -----  | 11,596           | 11,647  | -----   | 9,306   |
| Delta       | 7,458               | 7,708  | 10,303 | 4,630  | -----            | -----   | -----   | -----   |
| Denver      | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Dolores     | -----               | -----  | -----  | -----  | -----            | -----   | -----   | 142     |
| Douglas     | -----               | -----  | -----  | -----  | 5,853            | 5,730   | 5,453   | 3,388   |
| Eagle       | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Elbert      | -----               | -----  | -----  | -----  | 11,756           | 11,501  | 11,587  | 6,454   |
| El Paso     | 170                 | 170    | 320    | 380    | 1,910            | 1,910   | 1,910   | 1,240   |
| Fremont     | 2,051               | 1,927  | 2,371  | 2,803  | 1,200            | 1,200   | 1,200   | 1,910   |
| Garfield    | 798                 | 765    | 898    | 1,509  | -----            | -----   | -----   | -----   |
| Gilpin      | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Grand       | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Gunnison    | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Hinsdale    | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Huerfano    | 36                  | 40     | 20     | -----  | 3,499            | 2,159   | -----   | -----   |
| Jackson     | -----               | -----  | -----  | -----  | 69,361           | 69,536  | -----   | -----   |
| Jefferson   | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Kiowa       | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Kit Carson  | -----               | -----  | -----  | -----  | 3,701            | 3,602   | 3,666   | 600     |
| Lake        | -----               | -----  | -----  | -----  | 5,089            | 4,450   | -----   | -----   |
| La Plata    | 120                 | 150    | 88     | 83     | -----            | -----   | -----   | -----   |
| Larimer     | 1,004               | 486    | -----  | 2,011  | 15,400           | 15,400  | 15,400  | 15,025  |
| Las Animas  | -----               | -----  | -----  | -----  | 6,445            | 5,943   | 4,016   | 3,436   |
| Lincoln     | -----               | -----  | -----  | -----  | 3,102            | 3,117   | 3,310   | -----   |
| Logan       | -----               | -----  | -----  | -----  | 15,000           | 15,000  | 13,424  | -----   |
| Mesa        | 6,215               | 6,939  | 8,070  | 7,024  | -----            | -----   | -----   | -----   |
| Mineral     | -----               | -----  | -----  | -----  | 2,657            | 2,727   | 2,885   | 1,400   |
| Moffat      | -----               | -----  | -----  | -----  | 3,720            | 3,039   | -----   | -----   |
| Montezuma   | 700                 | 722    | 806    | 1,017  | -----            | -----   | -----   | -----   |
| Montrose    | 1,102               | 1,200  | 1,743  | 1,450  | -----            | -----   | -----   | -----   |
| Morgan      | -----               | -----  | -----  | -----  | 2,200            | 2,200   | 2,700   | 4,064   |
| Otero       | 437                 | 472    | 1,051  | 1,553  | -----            | -----   | -----   | -----   |
| Ouray       | -----               | -----  | -----  | -----  | 2,228            | 2,128   | 1,424   | -----   |
| Park        | -----               | -----  | -----  | -----  | 23,480           | 23,446  | 22,662  | 21,311  |
| Phillips    | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Pitkin      | -----               | -----  | -----  | 45     | -----            | -----   | -----   | -----   |
| Prowers     | -----               | -----  | -----  | -----  | 3,440            | 5,571   | 3,647   | 5,973   |
| Pueblo      | -----               | -----  | 5,910  | -----  | -----            | -----   | -----   | -----   |
| Rio Blanco  | -----               | -----  | -----  | -----  | 1,910            | 2,047   | 1,010   | 3,599   |
| Rio Grande  | -----               | -----  | -----  | -----  | 29,557           | 27,418  | 8,870   | -----   |
| Routt       | -----               | -----  | 33     | 305    | -----            | -----   | -----   | 90      |
| Saguache    | -----               | -----  | -----  | -----  | 49,000           | 49,000  | 48,750  | 71,124  |
| San Juan    | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| San Miguel  | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Sedgwick    | -----               | -----  | -----  | -----  | 5,750            | 5,437   | 5,469   | 5,165   |
| Summit      | -----               | -----  | -----  | -----  | -----            | -----   | -----   | -----   |
| Teller      | -----               | -----  | -----  | -----  | 2,036            | 2,099   | 2,322   | 1,580   |
| Washington  | -----               | -----  | -----  | -----  | -----            | -----   | -----   | 1,755   |
| Weld        | -----               | -----  | -----  | -----  | 6,673            | 6,415   | 9,631   | 5,635   |
| Yuma        | -----               | -----  | -----  | -----  | 4,780            | 3,952   | 4,490   | -----   |
| State       | 20,214              | 20,771 | 32,148 | 23,500 | 355,192          | 347,852 | 228,330 | 190,865 |

ACREAGE OF GRAZING LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1925, 1928, 1929, 1930

| COUNTY           | 1930       | 1929       | 1928       | 1925       | 1920       | 1914          |
|------------------|------------|------------|------------|------------|------------|---------------|
| Adams-----       | 96,220     | 155,407    | 150,170    | 151,609    | 192,665    | 355,512       |
| Alamosa-----     | 134,644    | 141,980    | 140,986    | 156,049    | 142,800    | 218,392       |
| Arapahoe-----    | 67,091     | 83,730     | 83,690     | 83,690     | 81,930     | 331,884       |
| Archuleta-----   | 215,369    | 280,673    | 302,346    | 274,067    | 234,439    | 226,948       |
| Baca-----        | 562,425    | 561,025    | 558,320    | 564,369    | 48,684     | 474,067       |
| Bent-----        | 675,362    | 656,320    | 698,368    | 636,392    | 393,620    | 137,772       |
| Boulder-----     | 156,732    | 156,456    | 154,396    | 149,213    | 139,641    | 133,820       |
| Chaffee-----     | 74,892     | 73,510     | 71,237     | 66,879     | 63,318     | 61,359        |
| Cheyenne-----    | 219,599    | 230,481    | 229,990    | 221,327    | -----      | 821,660       |
| Clear Creek----- | 32,897     | 32,587     | 41,433     | 37,260     | 33,857     | 30,828        |
| Conejos-----     | 160,936    | 160,886    | 156,878    | 151,843    | 128,904    | 91,054        |
| Costilla-----    | 60,000     | 60,000     | 280,000    | 290,000    | 130,000    | 674,084       |
| Crowley-----     | 375,382    | 373,222    | 364,758    | 350,808    | 250,603    | 75,500        |
| Custer-----      | 234,036    | 230,627    | 227,250    | 194,530    | 116,339    | 101,572       |
| Delta-----       | 61,258     | 48,674     | 47,103     | 48,748     | 104,940    | 127,328       |
| Denver-----      | -----      | -----      | -----      | -----      | -----      | -----         |
| Dolores-----     | 117,352    | 171,856    | 170,757    | 87,946     | 20,678     | 8,237         |
| Douglas-----     | 277,923    | 278,263    | 279,258    | 282,858    | 273,199    | 338,854       |
| Eagle-----       | 121,973    | 128,923    | 113,051    | 88,891     | 76,135     | 62,290        |
| Elbert-----      | 722,228    | 713,991    | 708,617    | 686,187    | 615,324    | 843,349       |
| El Paso-----     | 744,620    | 745,180    | 750,286    | 743,305    | 715,708    | 542,483       |
| Fremont-----     | 311,124    | 296,112    | 292,744    | 220,187    | 168,838    | 135,289       |
| Garfield-----    | 244,065    | 244,664    | 239,918    | 213,934    | 165,985    | 104,888       |
| Gilpin-----      | 28,502     | 28,073     | 26,883     | 20,649     | 18,091     | 16,754        |
| Grand-----       | 232,875    | 229,315    | 219,278    | 205,423    | 141,172    | 107,020       |
| Gunnison-----    | 285,052    | 266,228    | 256,217    | 206,500    | 115,972    | 82,036        |
| Hinsdale-----    | 17,253     | 13,026     | 15,744     | 14,002     | 12,526     | 9,882         |
| Huerfano-----    | 618,945    | 552,865    | 609,729    | 567,857    | 340,125    | 291,720       |
| Jackson-----     | 237,271    | 230,961    | 220,660    | 182,740    | 146,359    | 122,151       |
| Jefferson-----   | 254,322    | 253,947    | 252,777    | 222,534    | 243,917    | 224,048       |
| Kiowa-----       | 287,815    | 281,017    | 286,237    | 245,296    | 960,670    | 607,114       |
| Kit Carson-----  | 290,251    | 289,431    | 276,996    | 267,112    | 228,829    | 998,347       |
| Lake-----        | 23,877     | 28,877     | 23,912     | 27,624     | 27,011     | 26,652        |
| La Plata-----    | 360,051    | 363,563    | 351,040    | 318,219    | 555,585    | 186,040       |
| Larimer-----     | 610,855    | 609,473    | 612,386    | 566,771    | 521,332    | 469,678       |
| Las Animas-----  | 2,484,593  | 2,551,240  | 2,468,997  | 2,173,614  | 1,024,029  | 716,102       |
| Lincoln-----     | 581,742    | 584,409    | 583,830    | 621,622    | 491,790    | 993,743       |
| Logan-----       | 333,440    | 332,840    | 331,080    | 323,800    | 309,715    | 329,042       |
| Mesa-----        | 380,639    | 373,663    | 361,789    | 324,859    | 240,762    | 183,083       |
| Mineral-----     | 15,798     | 15,768     | 22,556     | 23,801     | 17,296     | 20,891        |
| Moffat-----      | 928,300    | 901,430    | 883,077    | 584,609    | 133,655    | 100,246       |
| Montezuma-----   | 231,233    | 207,518    | 227,068    | 207,255    | 143,551    | 84,736        |
| Montrose-----    | 213,885    | 210,393    | 310,550    | 259,615    | 175,089    | 121,579       |
| Morgan-----      | 416,176    | 415,110    | 412,080    | 400,909    | 318,919    | 179,079       |
| Otero-----       | 539,351    | 530,980    | 510,832    | 468,799    | 221,636    | 126,795       |
| Ouray-----       | 129,276    | 127,276    | 129,405    | 122,696    | 118,137    | 64,273        |
| Park-----        | 437,100    | 430,800    | 416,672    | 324,539    | 186,171    | 173,917       |
| Phillips-----    | 34,968     | 34,010     | 33,974     | 31,800     | 29,360     | -----         |
| Pitkin-----      | 52,919     | 52,058     | 52,058     | 51,093     | 42,191     | <b>86,988</b> |
| Prowers-----     | 223,014    | 215,314    | 266,680    | 263,262    | 712,576    | 322,898       |
| Pueblo-----      | 1,037,930  | 1,030,720  | 1,037,102  | 1,013,869  | 749,407    | 559,892       |
| Rio Blanco-----  | 310,678    | 302,513    | 294,259    | 239,475    | 151,782    | 99,872        |
| Rio Grande-----  | 125,779    | 128,196    | 126,638    | 124,089    | 105,294    | 87,613        |
| Routt-----       | 462,095    | 443,671    | 422,175    | 358,516    | 255,707    | 188,763       |
| Saguache-----    | 266,025    | 260,250    | 456,039    | 421,079    | 367,643    | 226,221       |
| San Juan-----    | 200        | 200        | 200        | 200        | 200        | 200           |
| San Miguel-----  | 215,453    | 215,103    | 207,545    | 178,088    | 108,427    | 69,054        |
| Sedgwick-----    | 91,450     | 91,003     | 92,313     | 88,166     | 93,008     | 73,794        |
| Summit-----      | 31,305     | 30,980     | 30,998     | 29,452     | 22,720     | 16,922        |
| Teller-----      | 125,431    | 124,794    | 122,771    | 115,923    | 91,867     | 88,437        |
| Washington-----  | 337,168    | 311,591    | 266,173    | 319,209    | 171,281    | -----         |
| Weir-----        | 1,166,047  | 1,167,763  | 1,169,830  | 1,182,871  | 1,011,289  | 1,192,886     |
| Yuma-----        | 745,316    | 744,131    | 722,834    | 744,607    | 668,467    | 285,540       |
| State-----       | 20,836,558 | 20,800,067 | 21,179,940 | 19,542,636 | 15,071,165 | 15,381,078    |

**ASSESSED VALUE OF ALL FARM LAND IN COLORADO AS RETURNED BY COUNTY  
ASSESSORS FOR 1915, 1920, 1928, 1929, 1930**

| COUNTY           | 1930          | 1929          | 1928          | 1920          | 1915          |
|------------------|---------------|---------------|---------------|---------------|---------------|
| Adams-----       | \$14,240,100  | \$ 15,289,070 | \$ 15,506,890 | \$ 17,346,280 | \$ 11,731,350 |
| Alamosa-----     | 4,178,428     | 4,283,748     | 4,348,313     | 4,509,139     | 2,275,990     |
| Arapahoe-----    | 6,597,630     | 8,176,965     | 8,173,965     | 9,915,770     | 6,473,900     |
| Archuleta-----   | 1,201,821     | 1,327,595     | 1,328,360     | 1,382,773     | 907,132       |
| Baca-----        | 8,028,385     | 8,022,685     | 8,020,995     | 6,233,251     | 1,689,437     |
| Bent-----        | 6,090,800     | 6,396,760     | 6,542,415     | 7,206,575     | 3,942,210     |
| Boulder-----     | 10,278,710    | 10,880,210    | 11,009,720    | 11,971,220    | 8,726,800     |
| Chaffee-----     | 1,368,195     | 1,411,485     | 1,422,635     | 1,428,500     | 1,275,335     |
| Cheyenne-----    | 7,877,170     | 7,878,575     | 9,664,170     | 13,228,595    | 4,442,677     |
| Clear Creek----- | 334,405       | 395,530       | 423,950       | 309,815       | 107,510       |
| Conejos-----     | 4,394,140     | 4,354,680     | 4,351,970     | 4,532,364     | 4,240,655     |
| Costilla-----    | 2,670,950     | 2,701,045     | 2,739,160     | 2,966,242     | 3,150,750     |
| Crowley-----     | 4,946,033     | 5,339,385     | 5,310,870     | 6,108,970     | 4,669,539     |
| Custer-----      | 1,440,525     | 1,439,420     | 1,518,265     | 1,223,170     | 1,088,206     |
| Delta-----       | 5,043,125     | 5,184,940     | 5,141,150     | 8,152,925     | 6,721,485     |
| Denver-----      | 3,714,910     | 4,045,340     | 3,915,860     | 3,617,390     | 3,858,530     |
| Dolores-----     | 811,653       | 676,820       | 661,575       | 277,415       | 71,848        |
| Douglas-----     | 3,281,495     | 3,271,450     | 3,513,300     | 4,179,510     | 2,628,305     |
| Eagle-----       | 2,176,172     | 2,151,336     | 2,114,878     | 1,873,775     | 1,602,427     |
| Elbert-----      | 8,513,870     | 9,618,963     | 9,615,259     | 11,706,966    | 5,551,416     |
| El Paso-----     | 7,554,450     | 8,718,520     | 8,765,190     | 11,096,370    | 6,124,770     |
| Fremont-----     | 3,494,180     | 3,531,433     | 3,476,156     | 3,254,630     | 3,215,976     |
| Garfield-----    | 5,148,460     | 5,185,805     | 5,192,570     | 5,232,570     | 4,883,820     |
| Gilpin-----      | 87,618        | 89,625        | 89,963        | 54,273        | 47,808        |
| Grand-----       | 1,853,890     | 1,879,365     | 1,944,500     | 1,599,980     | 1,102,450     |
| Gunnison-----    | 2,459,059     | 2,435,210     | 2,391,175     | 2,160,525     | 2,014,878     |
| Hinsdale-----    | 120,679       | 85,970        | 96,360        | 79,425        | 38,083        |
| Huerfano-----    | 2,466,652     | 2,609,999     | 2,755,761     | 2,231,420     | 1,699,296     |
| Jackson-----     | 1,541,700     | 1,555,750     | 1,553,270     | 2,727,695     | 1,468,864     |
| Jefferson-----   | 7,562,040     | 10,686,670    | 10,011,385    | 10,013,595    | 8,069,735     |
| Kiowa-----       | 7,988,890     | 8,238,510     | 8,705,050     | 10,179,094    | 3,413,286     |
| Kit Carson-----  | 12,248,283    | 12,541,358    | 15,236,010    | 20,453,265    | 5,679,205     |
| Lake-----        | 174,230       | 176,545       | 175,815       | 193,530       | 172,825       |
| La Plata-----    | 3,795,810     | 3,974,335     | 4,025,950     | 3,927,655     | 3,298,920     |
| Larimer-----     | 12,818,790    | 13,282,070    | 14,461,700    | 16,959,870    | 11,923,983    |
| Las Animas-----  | 9,374,230     | 9,182,098     | 9,151,761     | 6,835,416     | 5,017,713     |
| Lincoln-----     | 10,598,070    | 12,705,860    | 12,956,825    | 16,343,285    | 5,315,710     |
| Logan-----       | 14,684,910    | 14,922,105    | 15,122,970    | 22,884,010    | 7,885,974     |
| Mesa-----        | 9,290,110     | 9,390,730     | 9,298,370     | 9,979,585     | 10,159,695    |
| Mineral-----     | 175,110       | 173,260       | 183,110       | 162,875       | 138,635       |
| Moffat-----      | 3,320,210     | 3,373,180     | 3,390,925     | 2,424,190     | 1,198,940     |
| Montezuma-----   | 2,689,065     | 2,662,455     | 2,724,670     | 2,310,452     | 1,951,590     |
| Montrose-----    | 4,429,575     | 4,483,638     | 4,464,595     | 7,298,220     | 5,872,205     |
| Morgan-----      | 10,409,740    | 10,863,300    | 10,883,840    | 12,371,500    | 5,313,540     |
| Otero-----       | 8,566,595     | 9,309,264     | 9,293,280     | 11,136,010    | 8,733,185     |
| Ouray-----       | 994,893       | 1,013,888     | 1,011,270     | 1,320,604     | 724,900       |
| Park-----        | 2,170,700     | 2,154,350     | 2,139,620     | 1,570,285     | 1,381,540     |
| Phillips-----    | 9,767,105     | 9,825,830     | 9,833,285     | 11,735,765    | 3,776,655     |
| Pitkin-----      | 1,049,895     | 1,058,490     | 1,044,442     | 1,038,980     | 934,290       |
| Prowers-----     | 9,880,170     | 10,376,560    | 10,422,375    | 11,796,415    | 7,483,880     |
| Pueblo-----      | 8,975,125     | 9,903,075     | 9,895,960     | 9,169,292     | 7,739,328     |
| Rio Blanco-----  | 2,601,200     | 2,610,800     | 2,841,135     | 2,707,495     | 2,107,221     |
| Rio Grande-----  | 5,002,467     | 4,803,465     | 4,797,747     | 5,344,250     | 3,577,850     |
| Routt-----       | 4,430,550     | 4,675,600     | 4,571,080     | 4,682,835     | 3,009,790     |
| Saguache-----    | 3,986,452     | 4,126,793     | 4,189,344     | 4,726,651     | 4,473,019     |
| San Juan-----    | 1,280         | 1,280         | 1,280         | 1,280         | 1,280         |
| San Miguel-----  | 1,087,810     | 1,144,445     | 1,187,160     | 1,094,880     | 735,710       |
| Sedgwick-----    | 6,107,975     | 6,126,305     | 6,106,825     | 7,047,526     | 3,009,920     |
| Summit-----      | 354,345       | 352,775       | 361,023       | 303,300       | 188,232       |
| Teller-----      | 521,770       | 531,570       | 535,670       | 420,900       | 275,100       |
| Washington-----  | 9,754,564     | 11,036,811    | 12,918,793    | 24,176,680    | 6,306,191     |
| Weld-----        | 40,962,382    | 43,018,520    | 43,184,680    | 56,135,660    | 32,081,740    |
| Yuma-----        | 15,830,760    | 16,140,050    | 16,289,490    | 17,065,095    | 4,990,032     |
| State-----       | \$363,520,306 | \$383,811,664 | \$392,956,080 | \$460,417,978 | \$262,693,260 |



AVERAGE VALUE OF IRRIGATED AND DRY FARMING LAND PER ACRE AS RETURNED  
ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1929, 1930

| COUNTY           | IRRIGATED LAND |          |          |          | DRY FARMING LAND |          |          |          |
|------------------|----------------|----------|----------|----------|------------------|----------|----------|----------|
|                  | 1930           | 1929     | 1920     | 1914     | 1930             | 1929     | 1920     | 1914     |
| Adams-----       | \$ 90.41       | \$ 92.58 | \$ 92.94 | \$ 77.78 | \$ 11.17         | \$ 11.49 | \$ 13.76 | \$ 15.67 |
| Alamosa-----     | 35.00          | 40.00    | 48.00    | 13.44    | 15.00            | 15.00    | 15.00    | -----    |
| Arapahoe-----    | 111.15         | 142.50   | 126.09   | 99.52    | 10.20            | 9.99     | 13.50    | 12.74    |
| Archuleta-----   | 40.47          | 40.46    | 41.35    | 24.74    | 10.33            | 9.87     | 10.21    | 7.44     |
| Baca-----        | 12.50          | 12.50    | 25.00    | -----    | 6.25             | 6.25     | 5.42     | -----    |
| Bent-----        | 77.21          | 78.94    | 110.96   | 65.04    | 7.16             | 11.30    | 15.00    | -----    |
| Boulder-----     | 103.13         | 103.63   | 113.09   | 71.42    | 33.60            | 33.29    | 36.05    | -----    |
| Chaffee-----     | 44.08          | 47.28    | 56.93    | 52.31    | -----            | -----    | -----    | -----    |
| Cheyenne-----    | -----          | -----    | -----    | -----    | 8.29             | 8.26     | 12.67    | -----    |
| Clear Creek----- | -----          | -----    | -----    | -----    | -----            | -----    | -----    | -----    |
| Conejos-----     | 45.00          | 44.97    | 45.00    | 36.22    | -----            | -----    | -----    | -----    |
| Costilla-----    | 29.15          | 29.37    | 30.00    | 21.69    | 3.00             | 3.00     | 10.00    | -----    |
| Crowley-----     | 85.39          | 90.11    | 89.32    | 87.77    | 8.98             | 9.16     | 20.53    | 18.93    |
| Custer-----      | 30.07          | 30.08    | 40.00    | 34.16    | 14.83            | 13.05    | 20.88    | -----    |
| Delta-----       | 64.25          | 67.04    | 89.09    | 76.00    | 16.63            | 17.05    | 24.74    | -----    |
| Denver-----      | 626.67         | 708.92   | 481.10   | 481.77   | -----            | -----    | -----    | -----    |
| Dolores-----     | 17.36          | 20.00    | 20.00    | 18.00    | 6.46             | 9.51     | 10.01    | -----    |
| Douglas-----     | 75.16          | 75.64    | 79.03    | 45.70    | 15.90            | 15.96    | 18.09    | 10.22    |
| Eagle-----       | 65.08          | 64.80    | 69.89    | 71.33    | 30.65            | 32.98    | -----    | -----    |
| Elbert-----      | -----          | -----    | 46.06    | 40.00    | 11.84            | 14.44    | 16.54    | 6.01     |
| El Paso-----     | 75.00          | 75.00    | 75.00    | 78.00    | 11.74            | 12.28    | 13.96    | 12.00    |
| Fremont-----     | 77.62          | 80.56    | 66.94    | 76.68    | 8.94             | 9.24     | 8.74     | 9.46     |
| Garfield-----    | 70.54          | 70.14    | 70.73    | 71.70    | 19.90            | 19.63    | 15.89    | 17.22    |
| Gilpin-----      | -----          | -----    | -----    | -----    | -----            | -----    | -----    | -----    |
| Grand-----       | 34.81          | 34.93    | 35.67    | 20.00    | -----            | -----    | -----    | -----    |
| Gunnison-----    | 41.54          | 42.55    | 46.76    | 34.07    | 15.61            | 15.60    | -----    | -----    |
| Hinsdale-----    | 24.44          | 17.00    | 14.00    | 10.94    | -----            | -----    | -----    | -----    |
| Huerfano-----    | 42.89          | 43.58    | 38.20    | 31.94    | 7.20             | 7.13     | 7.00     | -----    |
| Jackson-----     | -----          | -----    | 29.77    | 15.00    | 10.00            | -----    | -----    | -----    |
| Jefferson-----   | 103.10         | 98.71    | 148.00   | 150.32   | 21.69            | 21.74    | 33.00    | 25.00    |
| Kiowa-----       | -----          | -----    | -----    | -----    | 8.85             | 9.34     | -----    | -----    |
| Kit Carson-----  | 31.99          | 30.46    | 75.00    | 20.00    | 11.12            | 11.44    | 17.78    | 4.00     |
| Lake-----        | -----          | -----    | -----    | -----    | -----            | -----    | -----    | -----    |
| La Plata-----    | 42.66          | 42.22    | 45.95    | 49.40    | 15.33            | 15.15    | 16.83    | 18.28    |
| Larimer-----     | 94.50          | 94.56    | 131.00   | 72.06    | 17.50            | 17.50    | 24.96    | 13.83    |
| Las Animas-----  | 52.51          | 51.91    | 59.00    | 48.22    | 10.00            | 10.13    | 20.00    | 16.38    |
| Lincoln-----     | -----          | -----    | -----    | -----    | 8.67             | 10.43    | 13.11    | -----    |
| Logan-----       | 71.28          | 71.00    | 82.79    | 45.65    | 14.31            | 14.76    | 26.01    | 9.92     |
| Mesa-----        | 68.54          | 68.17    | 77.93    | 94.53    | -----            | -----    | -----    | -----    |
| Mineral-----     | 14.24          | 13.85    | 11.35    | 17.78    | -----            | -----    | -----    | -----    |
| Moffat-----      | 36.21          | 37.23    | 49.54    | 37.55    | 10.48            | 10.18    | 12.04    | 15.40    |
| Montezuma-----   | 35.18          | 34.86    | 37.70    | 37.00    | 14.95            | 15.00    | 15.04    | 17.00    |
| Montrose-----    | 48.93          | 48.42    | 71.51    | 55.08    | 15.42            | 16.27    | 18.07    | 15.14    |
| Morgan-----      | 78.35          | 78.35    | 93.02    | 49.54    | 9.70             | 10.71    | 13.84    | 14.47    |
| Otero-----       | 87.19          | 92.52    | 122.48   | 100.47   | 12.24            | 12.55    | 15.82    | 14.48    |
| Ouray-----       | 49.51          | 50.63    | 68.29    | 40.15    | 10.00            | 10.00    | 12.50    | 16.23    |
| Park-----        | -----          | -----    | -----    | -----    | 15.00            | 15.00    | 15.00    | 15.00    |
| Phillips-----    | -----          | -----    | -----    | -----    | 25.83            | 23.96    | 31.30    | 7.49     |
| Pitkin-----      | 51.33          | 48.17    | 58.08    | 53.97    | 10.00            | 20.00    | 22.92    | 24.00    |
| Prowers-----     | 63.67          | 67.87    | 86.78    | 59.75    | 5.10             | 5.18     | 26.65    | -----    |
| Pueblo-----      | 94.72          | 96.10    | 98.82    | 102.49   | 15.43            | 16.64    | 16.81    | 15.56    |
| Rio Blanco-----  | 59.64          | 60.00    | 67.45    | 64.95    | 14.62            | 15.74    | 22.43    | 27.63    |
| Rio Grande-----  | 64.00          | 59.77    | 87.40    | 39.18    | -----            | -----    | 24.00    | -----    |
| Routt-----       | 45.03          | 49.50    | 41.58    | 38.01    | 19.92            | 20.23    | 27.22    | 19.90    |
| Saguache-----    | 44.00          | 44.00    | 39.53    | 42.00    | -----            | -----    | -----    | -----    |
| San Juan-----    | -----          | -----    | -----    | -----    | -----            | -----    | -----    | -----    |
| San Miguel-----  | 35.65          | 36.50    | 40.00    | 34.50    | 13.07            | 19.12    | 24.00    | 21.00    |
| Sedgwick-----    | 76.16          | 76.08    | 63.61    | 43.06    | 21.55            | 21.72    | 29.16    | 8.00     |
| Summit-----      | 35.00          | 35.00    | 35.00    | 24.92    | -----            | -----    | -----    | -----    |
| Teller-----      | -----          | -----    | -----    | -----    | 9.73             | 10.01    | 10.18    | 10.00    |
| Washington-----  | 60.58          | 63.82    | 117.94   | 70.00    | 7.06             | 8.01     | 17.86    | 6.74     |
| Weld-----        | 85.18          | 86.05    | 110.64   | 72.20    | 10.35            | 10.39    | 13.75    | 11.05    |
| Yuma-----        | 38.70          | 42.26    | 61.00    | 22.21    | 18.85            | 19.36    | 21.00    | 6.12     |
| State-----       | \$ 70.92       | \$ 72.52 | \$ 83.52 | \$ 62.11 | \$ 10.84         | \$ 11.38 | \$ 16.16 | \$ 8.91  |

**AVERAGE VALUE OF GRAZING AND NATURAL HAY LAND PER ACRE AS RETURNED  
ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1929, 1930**

| COUNTY           | GRAZING LAND |         |         |         | NATURAL HAY LAND |         |         |         |
|------------------|--------------|---------|---------|---------|------------------|---------|---------|---------|
|                  | 1930         | 1929    | 1920    | 1914    | 1930             | 1929    | 1920    | 1914    |
| Adams-----       | \$ 6.91      | \$ 7.44 | \$ 9.20 | \$ 5.33 | \$21.31          | \$21.90 | -----   | -----   |
| Alamosa-----     | 2.40         | 2.34    | 4.35    | 5.08    | 30.00            | 30.00   | \$30.00 | \$18.00 |
| Arapahoe-----    | 4.75         | 5.04    | 8.10    | 4.91    | -----            | -----   | -----   | -----   |
| Archuleta-----   | 3.00         | 2.74    | 3.42    | 2.41    | 29.48            | 32.13   | -----   | -----   |
| Baca-----        | 3.45         | 3.45    | 3.25    | 3.12    | -----            | -----   | -----   | -----   |
| Bent-----        | 2.87         | 2.99    | 5.05    | 6.81    | -----            | -----   | -----   | -----   |
| Boulder-----     | 8.46         | 8.58    | 9.49    | 10.37   | -----            | -----   | 17.71   | -----   |
| Chaffee-----     | 3.52         | 3.42    | 4.53    | 4.05    | -----            | -----   | -----   | -----   |
| Cheyenne-----    | 4.01         | 3.90    | -----   | 5.00    | -----            | -----   | -----   | -----   |
| Clear Creek----- | 10.17        | 10.40   | 9.15    | 4.04    | -----            | -----   | -----   | -----   |
| Conejos-----     | 1.89         | 1.84    | 3.07    | 5.00    | 20.00            | 20.00   | 22.06   | 25.00   |
| Costilla-----    | 3.00         | 3.00    | 3.00    | 1.80    | 20.00            | 20.00   | 20.00   | 20.00   |
| Crowley-----     | 3.82         | 4.26    | 4.66    | 9.74    | -----            | -----   | -----   | -----   |
| Custer-----      | 3.04         | 3.07    | 4.23    | 4.45    | 40.00            | 39.95   | -----   | 41.17   |
| Delta-----       | 4.09         | 4.41    | 3.09    | 11.65   | -----            | -----   | -----   | -----   |
| Denver-----      | -----        | -----   | -----   | -----   | -----            | -----   | -----   | -----   |
| Dolores-----     | 2.72         | 2.85    | 4.50    | 4.96    | -----            | -----   | -----   | 10.00   |
| Douglas-----     | 4.14         | 4.15    | 6.16    | 5.94    | 37.77            | 37.85   | 50.04   | 28.02   |
| Eagle-----       | 4.08         | 3.72    | 4.18    | 2.79    | -----            | -----   | -----   | -----   |
| Elbert-----      | 5.41         | 5.63    | 7.03    | 5.59    | 41.43            | 44.37   | 37.30   | 24.90   |
| El Paso-----     | 4.49         | 5.00    | 8.99    | 5.95    | 46.50            | 46.50   | 46.50   | 35.00   |
| Fremont-----     | 3.48         | 3.62    | 4.15    | 4.10    | 35.00            | 35.00   | 35.00   | 28.00   |
| Garfield-----    | 2.98         | 2.99    | 2.52    | 1.30    | -----            | -----   | -----   | -----   |
| Gilpin-----      | 3.07         | 3.19    | 3.00    | 3.00    | -----            | -----   | -----   | -----   |
| Grand-----       | 3.14         | 3.19    | 3.47    | 4.92    | -----            | -----   | -----   | -----   |
| Gunnison-----    | 3.02         | 3.22    | 4.13    | 3.34    | -----            | -----   | -----   | -----   |
| Hinsdale-----    | 3.00         | 3.21    | 3.71    | 2.15    | -----            | -----   | -----   | -----   |
| Huerfano-----    | 2.62         | 2.76    | 4.00    | 3.01    | 36.82            | 37.60   | -----   | -----   |
| Jackson-----     | 2.11         | 2.19    | 4.86    | 2.02    | 15.00            | 15.00   | -----   | -----   |
| Jefferson-----   | 6.46         | 6.54    | 7.07    | 6.00    | -----            | -----   | -----   | -----   |
| Kiowa-----       | 4.39         | 4.49    | 10.60   | 4.37    | -----            | -----   | -----   | -----   |
| Kit Carson-----  | 3.04         | 2.87    | 8.45    | 3.47    | 22.36            | 27.30   | 37.08   | 10.00   |
| Lake-----        | 4.95         | 5.16    | 7.16    | 6.41    | 11.01            | 12.00   | -----   | -----   |
| La Plata-----    | 3.52         | 3.54    | 3.90    | 4.60    | -----            | -----   | -----   | -----   |
| Larimer-----     | 3.12         | 3.20    | 3.81    | 3.66    | 20.00            | 20.00   | 25.00   | 26.00   |
| Las Animas-----  | 2.96         | 2.86    | 4.60    | 4.74    | 24.71            | 23.19   | 31.00   | 28.23   |
| Lincoln-----     | 4.49         | 5.35    | 8.65    | 5.01    | 28.96            | 28.69   | 29.01   | -----   |
| Logan-----       | 3.50         | 3.50    | 7.84    | 4.46    | 22.50            | 22.50   | 25.54   | -----   |
| Mesa-----        | 4.39         | 4.47    | 5.82    | 6.22    | -----            | -----   | -----   | -----   |
| Mineral-----     | 4.94         | 4.96    | 5.00    | 4.02    | 24.88            | 25.00   | 25.00   | 25.00   |
| Moffat-----      | 2.63         | 2.66    | 4.76    | 5.98    | 25.63            | 25.70   | -----   | -----   |
| Montezuma-----   | 3.11         | 3.48    | 3.01    | 3.99    | -----            | -----   | -----   | -----   |
| Montrose-----    | 3.08         | 3.25    | 4.04    | 3.84    | -----            | -----   | -----   | -----   |
| Morgan-----      | 3.93         | 4.43    | 6.09    | 4.04    | 23.50            | 23.50   | 23.51   | 16.16   |
| Otero-----       | 2.86         | 2.86    | 4.22    | 4.74    | -----            | -----   | -----   | -----   |
| Ouray-----       | 3.50         | 3.54    | 4.00    | 3.85    | 12.00            | 12.00   | 10.35   | -----   |
| Park-----        | 2.79         | 2.78    | 3.42    | 3.18    | 37.00            | 37.41   | 37.16   | 36.36   |
| Phillips-----    | 3.24         | 3.24    | 9.14    | -----   | -----            | -----   | -----   | -----   |
| Pitkin-----      | 3.24         | 3.45    | 3.15    | 2.51    | -----            | -----   | -----   | -----   |
| Prowers-----     | 2.27         | 3.29    | 5.26    | 3.15    | 22.37            | 21.52   | 30.32   | 27.72   |
| Pueblo-----      | 3.74         | 3.85    | 4.03    | 3.35    | -----            | -----   | -----   | -----   |
| Rio Blanco-----  | 2.95         | 2.90    | 4.60    | 4.33    | 39.77            | 41.90   | 38.96   | 48.95   |
| Rio Grande-----  | 3.00         | 3.00    | 6.08    | 5.46    | 18.00            | 22.00   | 32.50   | -----   |
| Routt-----       | 3.22         | 3.28    | 6.00    | 5.15    | -----            | -----   | -----   | 28.88   |
| Saguache-----    | 3.75         | 4.09    | 5.10    | 2.32    | 23.50            | 25.00   | 28.10   | 18.00   |
| San Juan-----    | 6.40         | 6.40    | 6.40    | 6.40    | -----            | -----   | -----   | -----   |
| San Miguel-----  | 3.32         | 3.41    | 4.96    | 5.49    | -----            | -----   | -----   | -----   |
| Sedgwick-----    | 4.63         | 4.80    | 5.00    | 4.00    | 18.56            | 18.19   | 15.25   | 15.18   |
| Summit-----      | 3.75         | 3.75    | 3.75    | 3.76    | -----            | -----   | -----   | -----   |
| Teller-----      | 2.18         | 2.09    | 2.16    | 2.01    | 15.50            | 16.20   | 15.38   | 14.95   |
| Washington-----  | 3.73         | 3.82    | 9.80    | -----   | -----            | -----   | -----   | 16.00   |
| Weld-----        | 3.06         | 3.69    | 5.93    | 4.45    | 17.59            | 17.68   | 24.50   | 18.47   |
| Yuma-----        | 3.55         | 3.60    | 5.50    | 2.71    | 26.76            | 29.41   | 29.00   | -----   |
| State-----       | \$ 3.48      | \$ 3.63 | \$ 5.87 | \$ 4.41 | \$23.95          | \$24.68 | \$29.25 | \$23.78 |

## Colorado Livestock

**T**HE estimated number of livestock in Colorado on January 1, 1931, compared with January 1, 1930, shows an increase of swine, farm and range sheep, range cattle, and cattle on feed; the same number of dairy cows and a decreased number of sheep and lambs on feed. Colorado livestock on January 1, 1931, were valued at \$88,746,000, compared with \$119,930,000 on January 1, 1930, and \$127,399,000 on January 1, 1929. The average value per head of every class of livestock on January 1, 1931, was lower than on January 1, 1930.

**Cattle**—The total number of cattle and calves in Colorado (beef and dairy) is estimated at 1,396,000 head, an increase of 5 per cent from the 1,330,000 on hand a year ago. This is a reduction of 361,000 from the 1,757,000 head on January 1, 1920. Colorado cattle and calves were valued at \$52,872,000 on January 1, 1931, compared with \$67,395,000 on January 1, 1930, and \$72,802,000 on January 1, 1929. Milk cows have shown no increase in numbers since 1929 because of the unfavorable prices generally prevailing for dairy products. Colorado has about 355,000 cattle of milk and dairy types, of which 244,000 are milk cows. Beef cattle showed a slight increase in 1930, with a larger number of cattle on feed January 1, 1931, than the year before. Colorado has about 1,041,000 beef cattle. The 1930 marketings of cattle and calves were about 507,000, of which 458,000 were cattle and 49,000 were calves. In 1929 585,000 cattle and calves were marketed, of which 530,000 were cattle and 55,000 calves. In 1928, 584,000 cattle and calves were marketed, of which 526,000 were cattle and 58,000 were calves.

**Sheep**—The Colorado sheep population on January 1, 1931, was 3,047,000 head, compared with 3,495,000 sheep and lambs on hand January 1, 1930, and 2,980,000 on January 1, 1929. Colorado sheep and lambs on January 1, 1931, were valued at \$16,844,000, compared with \$31,407,000 the previous year and \$31,553,000 on January 1, 1929. The number of farm and range sheep was estimated at 1,577,000 head on January 1, 1931, or an 8 per cent increase over the 1,460,000 on farms January 1, 1930, and compares with 1,380,000 on January 1, 1929. Stock sheep have

shown a steady gain since 1922, when Colorado had 900,000 head. The 1930 Colorado lamb crop was 1,000,000 head, compared with 936,000 in 1929 and 896,000 in 1928. The number of lambs saved per 100 ewes one year old and over on hand January 1, was 85 in 1930, compared with 78 in 1929. On January 1, 1931, Colorado had 1,470,000 sheep and lambs on feed. This compares with 2,035,000 head a year ago, which was the largest number on record, and 1,520,000 head two years ago.

**Wool**—Colorado wool clip in 1930 was estimated at 10,800,000 pounds; in 1929 at 9,979,000 pounds. Fleeces in 1930 averaged 7.5 pounds, and in 1929, 7.2 pounds.

**Swine**—Colorado swine, including pigs, were estimated at 520,000 head on January 1, 1931, compared with 495,000 on January 1, 1930, and 550,000 on January 1, 1929. On January 1, 1931, swine were valued at \$5,769,000, compared with \$5,943,000 on January 1, 1930, and \$6,630,000 on January 1, 1929. Marketings and local slaughter of hogs and pigs in 1930 amounted to 554,000 head, compared with 555,000 head in 1929 and 485,000 head in 1928. The June, 1930, pig survey indicated that about 95 per cent as many sows were farrowed as in the spring of 1929 but with an average of 5.6 pigs saved per litter, compared with 5.3 pigs per litter in the spring of 1929, making the total pig crop 99.3 per cent of the spring crop in 1929. The pig survey in the fall of 1930 showed that 117.5 per cent as many sows were farrowed as in the fall of 1929, with an average of 5.8 pigs saved per litter, compared with 5.6 in the fall of 1929 and 5.6 per litter in the spring of 1930. This indicated that 120.4 per cent as many pigs were saved in the fall of 1930 as in the fall of 1929. The survey also indicated that the number of sows bred for next spring's farrowing is 141.1 per cent of the number farrowed in the spring of 1930.

**Horses**—Horse numbers are declining each year, and it was estimated 287,000 horses and colts were on farms and ranches on January 1, 1931, compared with 299,000 on January 1, 1930, and 308,000 on January 1, 1929. On January 1, 1920, Colorado had 421,000 horses and colts. January 1, 1931, horses and colts were valued at \$11,-



782,000, compared with \$13,427,000 on January 1, 1930; \$14,564,000 on January 1, 1929, and \$33,375,000 on January 1, 1920.

### CATTLE AND SHEEP FEEDING

**Cattle Feeding**—Cattle feeding is an important part of the agriculture in the irrigated sections of northern Colo-

rado, the Arkansas valley and the Western Slope. The feeding of cattle provides an outlet for by-products from the sugar-beet factories, surplus alfalfa hay, grains and other feeds.

It is estimated that there were 131,000 cattle and calves on feed for market January 1, 1931, compared with 125,000 on January 1, 1930.

### Estimated Number of Cattle on Feed by Sections

|                        | 1931    | 1930    | 1929    | 1928    | 1927    | 1926    |
|------------------------|---------|---------|---------|---------|---------|---------|
| Northern Colorado..... | 110,000 | 105,000 | 120,000 | 120,000 | 130,000 | 100,000 |
| Arkansas Valley.....   | 14,000  | 14,000  | 13,000  | 12,000  | 12,000  | 12,000  |
| Western Slope.....     | 3,000   | 3,000   | 3,000   | 4,000   | 4,000   | 4,000   |
| Other Sections.....    | 4,000   | 3,000   | 4,000   | 4,000   | 4,000   | 4,000   |
| State Total.....       | 131,000 | 125,000 | 140,000 | 140,000 | 150,000 | 120,000 |

**Lamb Feeding**—Colorado is the leading lamb feeding state and had 1,470,000 lambs on feed January 1, 1931, compared with 2,035,000 on January 1, 1930, and 1,520,000 on January 1, 1929.

On January 1, 1931, Colorado had 28 per cent of the lambs on feed in the United States.

Northern Colorado and the Arkansas valley are the leading lamb feeding areas, with smaller operations in the San Luis valley and Western Slope sections.

During the past 10 years northern Colorado has averaged about 1,100,000 lambs on feed. Larimer and Weld counties are the leading counties in lamb feeding, each county having fed annually from 400,000 to 500,000 lambs. This is a larger number than is fed in any Corn Belt state except Nebraska.

Lamb feeding operations have in-

creased during the past few years in the Fort Morgan-Sterling section of northeastern Colorado.

### ESTIMATED NUMBER OF SHEEP AND LAMBS ON FEED JANUARY 1

| Year       | Colorado Number | Percent of total in U. S. | U. S. Number |
|------------|-----------------|---------------------------|--------------|
| 1914 ..... | 1,300,000       | .....                     | .....        |
| 1915 ..... | 1,116,000       | .....                     | .....        |
| 1916 ..... | 1,150,000       | .....                     | .....        |
| 1917 ..... | 1,250,000       | .....                     | .....        |
| 1918 ..... | 1,135,000       | .....                     | .....        |
| 1919 ..... | 940,000         | .....                     | .....        |
| 1920 ..... | 950,000         | .....                     | .....        |
| 1921 ..... | 1,283,000       | .....                     | .....        |
| 1922 ..... | 1,040,000       | .....                     | .....        |
| 1923 ..... | 1,500,000       | 35.1%                     | 4,265,000    |
| 1924 ..... | 1,400,000       | 33.1%                     | 4,229,000    |
| 1925 ..... | 1,600,000       | 39.9%                     | 4,007,000    |
| 1926 ..... | 1,475,000       | 31.9%                     | 4,621,000    |
| 1927 ..... | 770,000         | 18.0%                     | 4,259,000    |
| 1928 ..... | 1,580,000       | 35.4%                     | 4,463,000    |
| 1929 ..... | 1,520,000       | 31.6%                     | 4,822,000    |
| 1930 ..... | 2,035,000       | 34.5%                     | 5,886,000    |
| 1931 ..... | 1,470,000       | 28.7%                     | 5,109,000    |

Note—United States estimates were not made prior to Jan. 1, 1923.

### ESTIMATED NUMBER OF SHEEP AND LAMBS ON FEED JANUARY 1 EACH YEAR; BY SECTIONS

| Year       | Northern Colorado | Arkansas Valley | San Luis Valley | Western Slope | State Total |
|------------|-------------------|-----------------|-----------------|---------------|-------------|
| 1922 ..... | 760,000           | 225,000         | 30,000          | 25,000        | 1,040,000   |
| 1923 ..... | 1,175,000         | 235,000         | 65,000          | 25,000        | 1,500,000   |
| 1924 ..... | 1,150,000         | 170,000         | 55,000          | 25,000        | 1,400,000   |
| 1925 ..... | 1,250,000         | 265,000         | 60,000          | 25,000        | 1,600,000   |
| 1926 ..... | 1,090,000         | 285,000         | 75,000          | 25,000        | 1,475,000   |
| 1927 ..... | 520,000           | 177,000         | 54,000          | 19,000        | 770,000     |
| 1928 ..... | 1,265,000         | 275,000         | 30,000          | 10,000        | 1,580,000   |
| 1929 ..... | 1,100,000         | 385,000         | 22,000          | 13,000        | 1,520,000   |
| 1930 ..... | 1,490,000         | 475,000         | 45,000          | 25,000        | 2,035,000   |
| 1931 ..... | 945,000           | 360,000         | 80,000          | 70,000        | 1,470,000   |

Note—1931 estimate includes 15,000 for miscellaneous sections.

## SHEEP AND LAMBS ON JANUARY 1 EACH YEAR

| COLORADO |                     |                         |                                | UNITED STATES       |                         |                                |
|----------|---------------------|-------------------------|--------------------------------|---------------------|-------------------------|--------------------------------|
| Year     | All Sheep and Lambs | Sheep and Lambs on Feed | Range and Farm Sheep and Lambs | All Sheep and Lambs | Sheep and Lambs on Feed | Range and Farm Sheep and Lambs |
| 1923     | 2,449,000           | 1,500,000               | 949,000                        | 36,212,000          | 4,265,000               | 31,947,000                     |
| 1924     | 2,327,000           | 1,400,000               | 927,000                        | 36,876,000          | 4,229,000               | 32,647,000                     |
| 1925     | 2,565,000           | 1,600,000               | 965,000                        | 38,112,000          | 4,007,000               | 34,105,000                     |
| 1926     | 2,537,000           | 1,475,000               | 1,062,000                      | 39,730,000          | 4,621,000               | 35,109,000                     |
| 1927     | 1,938,000           | 770,000                 | 1,168,000                      | 41,881,000          | 4,259,000               | 37,622,000                     |
| 1928     | 2,960,000           | 1,580,000               | 1,380,000                      | 44,795,000          | 4,463,000               | 40,332,000                     |
| 1929     | 2,980,000           | 1,520,000               | 1,460,000                      | 47,704,000          | 4,822,000               | 42,882,000                     |
| 1930     | 3,495,000           | 2,035,000               | 1,460,000                      | 50,503,000          | 5,886,000               | 44,617,000                     |
| 1931     | 3,047,000           | 1,470,000               | 1,577,000                      | 51,911,000          | 5,109,000               | 46,802,000                     |

## RECORD LIVESTOCK RECEIPTS AT DENVER

## LARGEST RECEIPTS FOR ONE DAY

|                                    |        |
|------------------------------------|--------|
| Cattle—November 17, 1924.....      | 28,351 |
| Hogs—January 16, 1928.....         | 10,646 |
| Sheep—October 14, 1929.....        | 99,511 |
| Horses and Mules—July 6, 1900..... | 1,274  |
| Cars—November 17, 1924.....        | 941    |

## LARGEST RECEIPTS FOR ONE WEEK

|                                     |         |
|-------------------------------------|---------|
| Cattle—October 31, 1927.....        | 57,038  |
| Hogs—January 31, 1928.....          | 35,167  |
| Sheep—October 31, 1924.....         | 290,182 |
| Horses and Mules—June 30, 1915..... | 3,713   |
| Cars—October 31, 1927.....          | 2,587   |

## LARGEST RECEIPTS FOR ONE MONTH

|                                  |         |
|----------------------------------|---------|
| Cattle—November, 1919.....       | 136,039 |
| Hogs—January, 1928.....          | 84,359  |
| Sheep—October, 1929.....         | 837,367 |
| Horses and Mules—June, 1915..... | 12,383  |
| Cars—October, 1929.....          | 6,992   |

## LARGEST RECEIPTS FOR ONE YEAR

|                       |           |           |
|-----------------------|-----------|-----------|
| Cattle .....          | 1919....  | 823,727   |
| Hogs .....            | 1924..... | 569,038   |
| Sheep .....           | 1925....  | 2,357,010 |
| Horses and Mules..... | 1915....  | 71,870    |
| Cars .....            | 1919....  | 38,918    |

## ESTIMATED CREAMERY BUTTER PRODUCTION

| Year       | Colorado Pounds | United States Pounds |
|------------|-----------------|----------------------|
| 1930 ..... | 22,083,000      | 1,537,765,000        |
| 1929 ..... | 21,924,000      | 1,597,027,000        |
| 1928 ..... | 21,614,000      | 1,487,049,000        |
| 1927 ..... | 20,871,000      | 1,496,495,000        |
| 1926 ..... | 18,255,000      | 1,451,766,000        |
| 1925 ..... | 18,794,000      | 1,361,526,000        |
| 1924 ..... | 18,130,000      | 1,356,080,000        |
| 1923 ..... | 18,625,000      | 1,242,214,000        |
| 1922 ..... | 16,410,000      | 1,153,515,000        |
| 1921 ..... | 15,290,000      | 1,054,938,000        |
| 1920 ..... | 12,979,000      | 863,577,000          |
| 1919 ..... | 13,144,000      | 868,125,000          |

## NUMBERS AND VALUE OF LIVESTOCK, COLORADO AND THE UNITED STATES, 1920 AND 1931

|                       | NUMBERS         |               |                 |               |                 |                 |
|-----------------------|-----------------|---------------|-----------------|---------------|-----------------|-----------------|
|                       | Horses          | Mules         | Cattle          | Sheep         | Swine           | All Animals     |
| <b>United States:</b> |                 |               |                 |               |                 |                 |
| Number, 1920----      | 19,848,000      | 5,475,000     | 68,871,000      | 40,243,000    | 59,813,000      | 194,250,000     |
| Number, 1931----      | 12,803,000      | 5,131,000     | 58,955,000      | 51,911,000    | 52,323,000      | 181,123,000     |
| 1931, % of 1920       | 64.5%           | 93.7%         | 85.6%           | 129%          | 87.5%           | 93.2%           |
| <b>Colorado:</b>      |                 |               |                 |               |                 |                 |
| Number, 1920----      | 421,000         | 31,000        | 1,757,000       | 1,964,000     | 450,000         | 4,623,000       |
| Number, 1931----      | 287,000         | 29,000        | 1,396,000       | 3,047,000     | 520,000         | 5,279,000       |
| 1931, % of 1920       | 68%             | 93.5%         | 79%             | 155%          | 115.6%          | 114%            |
|                       | VALUES          |               |                 |               |                 |                 |
|                       |                 |               |                 |               |                 |                 |
| <b>United States:</b> |                 |               |                 |               |                 |                 |
| Value, 1920-----      | \$1,915,653,000 | \$812,828,000 | \$3,641,025,000 | \$408,586,000 | \$1,199,406,000 | \$7,977,498,000 |
| Value, 1931-----      | 785,624,000     | 351,994,000   | 2,340,921,000   | 277,708,000   | 610,200,000     | 4,366,447,000   |
| 1931, % of 1920       | 41%             | 43.3%         | 64.3%           | 68%           | 50.9%           | 54.7%           |
| <b>Colorado:</b>      |                 |               |                 |               |                 |                 |
| Value, 1920-----      | \$ 33,375,000   | \$ 3,170,000  | \$ 89,318,000   | \$ 18,973,000 | \$ 8,100,000    | \$ 152,936,000  |
| Value, 1931-----      | 11,782,000      | 1,479,000     | 52,872,000      | 16,844,000    | 5,769,000       | 88,746,000      |
| 1931, % of 1920       | 35%             | 47%           | 59%             | 89%           | 71%             | 58%             |

EXPLANATION—This table pictures the effect of low market prices on the total value of farm animals. The total number of horses, mules, cattle, sheep and swine on the farms of the United States in January, 1931, was 93.2 per cent of the total in January, 1920, but the actual value was only 54.7 per cent of the 1920 value. For Colorado the number in 1931 was 114 per cent of the number in 1920, but the value was only 58 per cent of the aggregate 1920 value.

# ESTIMATED NUMBERS AND VALUES OF LIVESTOCK ON FARMS ON JANUARY 1, INCLUDING FEDERAL CENSUS FOR 1910, 1920 AND 1925

## HORSES AND COLTS

| YEAR | COLORADO                     |                 |                 |              | UNITED STATES                |                 |                 |                 |
|------|------------------------------|-----------------|-----------------|--------------|------------------------------|-----------------|-----------------|-----------------|
|      | Numbers                      |                 | Values, Dollars |              | Numbers                      |                 | Values, Dollars |                 |
|      | Per Cent<br>Preced'g<br>Year | Total<br>Number | Per<br>Head     | Aggregate    | Per Cent<br>Preced'g<br>Year | Total<br>Number | Per<br>Head     | Aggregate       |
| 1910 | ----                         | *294,000        | \$93.13         | \$27,380,000 | ----                         | *19,833,000     | \$108.00        | \$2,142,524,000 |
| 1920 | ----                         | *421,000        | 79.00           | 33,375,000   | ----                         | 19,848,000      | 97.62           | 1,915,653,000   |
| 1921 | 100.0                        | 421,000         | 63.00           | 26,612,000   | 96.4                         | 19,134,000      | 84.56           | 1,618,120,000   |
| 1922 | 98.6                         | 415,000         | 55.75           | 23,133,000   | 97.0                         | 18,564,000      | 71.18           | 1,321,396,000   |
| 1923 | 96.4                         | 400,000         | 48.00           | 19,229,000   | 96.6                         | 17,943,000      | 70.64           | 1,267,624,000   |
| 1924 | 96.2                         | 385,000         | 44.80           | 17,248,000   | 95.9                         | 17,222,000      | 65.47           | 1,127,619,000   |
| 1925 | 95.3                         | *367,000        | 43.00           | 15,621,000   | 95.2                         | 16,470,000      | 64.29           | 1,058,912,000   |
| 1926 | 95.9                         | 352,000         | 47.00           | 16,373,000   | 96.0                         | 15,830,000      | 65.60           | 1,036,843,000   |
| 1927 | 97.0                         | 331,000         | 44.00           | 14,461,000   | 96.5                         | 15,133,000      | 64.14           | 970,703,000     |
| 1928 | 98.0                         | 324,000         | 43.00           | 13,841,000   | 95.7                         | 14,495,000      | 67.18           | 973,300,000     |
| 1929 | 95.0                         | 308,000         | 47.00           | 14,564,000   | 95.9                         | 13,905,000      | 70.21           | 976,300,000     |
| 1930 | 97.0                         | 299,000         | 44.91           | 13,427,000   | 96.1                         | 13,364,000      | 70.69           | 944,709,000     |
| 1931 | 96.0                         | 287,000         | 41.05           | 11,782,000   | 95.8                         | 12,803,000      | 61.36           | 785,624,000     |

## MULES AND MULE COLTS

|      |       |         |          |             |        |            |          |               |
|------|-------|---------|----------|-------------|--------|------------|----------|---------------|
| 1910 | ----  | *14,700 | \$122.03 | \$1,799,000 | ----   | *4,210,000 | \$120.20 | \$506,049,000 |
| 1920 | ----  | *31,000 | 102.26   | 3,170,000   | ----   | 5,475,000  | 148.46   | 812,828,000   |
| 1921 | 103.0 | 32,000  | 90.00    | 2,912,000   | 102.0  | 5,586,000  | 117.52   | 656,455,000   |
| 1922 | 106.2 | 34,000  | 70.00    | 2,380,000   | 100.9  | 5,638,000  | 89.14    | 502,563,000   |
| 1923 | 106.0 | 36,000  | 62.00    | 2,228,000   | 101.1  | 5,702,000  | 87.17    | 497,044,000   |
| 1924 | 105.5 | 38,000  | 61.00    | 2,314,000   | 100.5  | 5,730,000  | 85.90    | 492,209,000   |
| 1925 | 102.6 | *39,000 | 57.00    | 2,225,000   | 100.01 | 5,725,000  | 82.24    | 473,646,000   |
| 1926 | 100.0 | 38,000  | 59.00    | 2,243,000   | 100.3  | 5,740,000  | 81.49    | 467,760,000   |
| 1927 | 97.0  | 36,000  | 55.00    | 1,996,000   | 98.5   | 5,652,000  | 74.57    | 421,467,000   |
| 1928 | 92.0  | 33,000  | 56.00    | 1,845,000   | 97.4   | 5,504,000  | 79.82    | 439,300,000   |
| 1929 | 97.0  | 32,000  | 58.00    | 1,850,000   | 97.9   | 5,390,000  | 82.34    | 443,839,000   |
| 1930 | 97.0  | 31,000  | 57.00    | 1,758,000   | 97.9   | 5,279,000  | 82.97    | 438,019,000   |
| 1931 | 94.0  | 29,000  | 51.00    | 1,479,000   | 97.2   | 5,131,000  | 68.61    | 351,994,000   |

## COWS AND HEIFERS 2 YEARS OLD AND OVER KEPT FOR MILK

|      |       |          |         |              |       |            |         |                |
|------|-------|----------|---------|--------------|-------|------------|---------|----------------|
| 1910 | ----  | *145,000 | †-----  | †-----       | ----  | 20,625,000 | \$35.29 | \$ 727,802,000 |
| 1920 | ----  | *202,000 | \$87.00 | \$17,574,000 | ----  | 21,427,000 | 81.51   | 1,746,412,000  |
| 1921 | 100.0 | 202,000  | 70.00   | 14,140,000   | 99.9  | 21,408,000 | 61.19   | 1,309,892,000  |
| 1922 | 101.9 | 206,000  | 57.00   | 11,742,000   | 101.7 | 21,788,000 | 48.68   | 1,060,574,000  |
| 1923 | 101.4 | 209,000  | 53.00   | 11,077,000   | 101.2 | 22,063,000 | 48.67   | 1,073,880,000  |
| 1924 | 103.8 | 217,000  | 50.00   | 10,850,000   | 100.8 | 22,255,000 | 49.94   | 1,111,510,000  |
| 1925 | 103.2 | *224,000 | 45.00   | 10,080,000   | 101.1 | 22,498,000 | 48.39   | 1,088,597,000  |
| 1926 | 100.0 | 224,000  | 50.00   | 11,200,000   | 101.7 | 22,188,000 | 55.02   | 1,220,764,000  |
| 1927 | 107.1 | 240,000  | 56.00   | 13,440,000   | 98.2  | 21,801,000 | 59.58   | 1,299,004,000  |
| 1928 | 101.0 | 242,000  | 71.00   | 17,182,000   | 101.1 | 21,828,000 | 73.93   | 1,613,939,000  |
| 1929 | 101.0 | 244,000  | 77.00   | 18,788,000   | 100.4 | 21,919,000 | 84.63   | 1,855,080,000  |
| 1930 | 100.0 | 244,000  | 72.00   | 17,568,000   | 102.4 | 22,443,000 | 83.43   | 1,872,358,000  |
| 1931 | 100.0 | 244,000  | 56.00   | 13,664,000   | 102.4 | 22,975,000 | 57.57   | 1,322,666,000  |

## HEIFERS 1 TO 2 YEARS OLD BEING KEPT FOR MILK COWS

|      |       |         |      |      |       |           |      |      |
|------|-------|---------|------|------|-------|-----------|------|------|
| 1920 | ----  | *44,000 | ---- | ---- | ----  | 4,418,000 | ---- | ---- |
| 1921 | 86.3  | 38,000  | ---- | ---- | 94.0  | 4,155,000 | ---- | ---- |
| 1922 | 115.8 | 44,000  | ---- | ---- | 95.5  | 3,968,000 | ---- | ---- |
| 1923 | 93.2  | 41,000  | ---- | ---- | 104.5 | 4,147,000 | ---- | ---- |
| 1924 | 102.4 | 42,000  | ---- | ---- | 99.7  | 4,137,000 | ---- | ---- |
| 1925 | 114.3 | *48,000 | ---- | ---- | 101.4 | 4,195,000 | ---- | ---- |
| 1926 | 97.9  | 47,000  | ---- | ---- | 93.5  | 3,923,000 | ---- | ---- |
| 1927 | 102.1 | 48,000  | ---- | ---- | 103.4 | 4,059,000 | ---- | ---- |
| 1928 | 104.2 | 50,000  | ---- | ---- | 103.0 | 4,184,000 | ---- | ---- |
| 1929 | 102.0 | 51,000  | ---- | ---- | 105.4 | 4,413,000 | ---- | ---- |
| 1930 | 100.0 | 51,000  | ---- | ---- | 105.9 | 4,675,000 | ---- | ---- |
| 1931 | 100.0 | 51,000  | ---- | ---- | 100.3 | 4,688,000 | ---- | ---- |

Explanations: Numbers with one star (\*) indicate the Federal census numbers for January 1, 1920 and 1925, and April 15, 1910. †Values 1910 milk cows included with other cattle.



ESTIMATED NUMBERS AND VALUES OF LIVESTOCK ON FARMS ON JANUARY 1,  
INCLUDING FEDERAL CENSUS FOR 1910, 1920 AND 1925

ALL CATTLE AND CALVES

| COLORADO |                              |                 |                 |               | UNITED STATES                |                 |                 |                 |
|----------|------------------------------|-----------------|-----------------|---------------|------------------------------|-----------------|-----------------|-----------------|
| Year     | Numbers                      |                 | Values, Dollars |               | Numbers                      |                 | Values, Dollars |                 |
|          | Per Cent<br>Prec'd'g<br>Year | Total<br>Number | Per<br>Head     | Aggregate     | Per Cent<br>Prec'd'g<br>Year | Total<br>Number | Per<br>Head     | Aggregate       |
| 1910     | ----                         | *1,130,000      | †\$27.50        | †\$31,017,000 | ----                         | *61,803,000     | \$24.50         | \$1,513,063,000 |
| 1920     | ----                         | *1,757,000      | 50.83           | 89,318,000    | ----                         | 68,871,000      | 52.87           | 3,641,025,000   |
| 1921     | 95.8                         | 1,683,000       | 37.71           | 63,464,000    | 97.5                         | 67,184,000      | 39.20           | 2,633,791,000   |
| 1922     | 99.8                         | 1,680,000       | 30.10           | 50,578,000    | 100.1                        | 67,264,000      | 30.55           | 2,064,933,000   |
| 1923     | 96.0                         | 1,614,000       | 28.19           | 46,604,000    | 96.8                         | 66,156,000      | 31.85           | 2,107,210,000   |
| 1924     | 95.4                         | 1,540,000       | 28.26           | 43,531,000    | 97.5                         | 64,507,000      | 32.34           | 2,086,285,000   |
| 1925     | 95.1                         | *1,465,000      | 26.20           | 38,894,000    | 96.3                         | 61,996,000      | 31.95           | 1,980,542,000   |
| 1926     | 94.0                         | 1,377,000       | 32.00           | 44,079,000    | 95.4                         | 59,122,000      | 37.16           | 2,196,763,000   |
| 1927     | 103.0                        | 1,418,000       | 36.20           | 51,320,000    | 96.1                         | 56,832,000      | 40.29           | 2,289,551,000   |
| 1928     | 93.0                         | 1,317,000       | 46.70           | 61,459,000    | 98.0                         | 55,676,000      | 51.06           | 2,842,576,000   |
| 1929     | 100.0                        | 1,317,000       | 55.30           | 72,802,000    | 101.4                        | 56,467,000      | 59.15           | 3,340,182,000   |
| 1930     | 101.0                        | 1,330,000       | 50.67           | 67,395,000    | 102.7                        | 57,978,000      | 57.30           | 3,321,992,000   |
| 1931     | 105.0                        | 1,396,000       | 37.87           | 52,872,000    | 101.7                        | 58,955,000      | 39.71           | 2,340,921,000   |

ALL SHEEP AND LAMBS, INCLUDING SHEEP AND LAMBS ON FEED

|      |       |            |         |              |       |             |         |                |
|------|-------|------------|---------|--------------|-------|-------------|---------|----------------|
| 1910 | ----  | *1,426,000 | \$ 4.80 | \$ 6,856,000 | ----  | *52,488,000 | \$ 4.12 | \$ 216,030,000 |
| 1920 | ----  | *1,964,000 | 9.10    | 18,973,000   | ----  | 40,243,000  | 10.46   | 408,586,000    |
| 1921 | 110.6 | 2,247,000  | 5.40    | 12,221,000   | 96.0  | 38,690,000  | 6.28    | 235,855,000    |
| 1922 | 89.0  | 1,940,000  | 4.70    | 9,449,000    | 97.0  | 36,186,000  | 4.80    | 174,545,000    |
| 1923 | 114.0 | 2,449,000  | 7.40    | 18,514,000   | 102.5 | 36,212,000  | 7.53    | 279,464,000    |
| 1924 | 100.9 | 2,327,000  | 7.40    | 18,510,000   | 102.6 | 36,876,000  | 7.91    | 301,804,000    |
| 1925 | 106.0 | *2,565,000 | 10.30   | 26,306,000   | 102.6 | 38,112,000  | 9.70    | 369,612,000    |
| 1926 | 99.0  | 2,537,000  | 10.50   | 26,704,000   | 104.2 | 39,730,000  | 10.51   | 417,630,000    |
| 1927 | 76.0  | 1,938,000  | 9.40    | 18,284,000   | 105.4 | 41,881,000  | 9.71    | 406,588,000    |
| 1928 | 152.7 | 2,960,000  | 9.60    | 28,350,000   | 107.0 | 44,795,000  | 10.24   | 458,854,000    |
| 1929 | 100.7 | 2,980,000  | 10.60   | 31,546,000   | 106.1 | 47,509,000  | 10.61   | 504,022,000    |
| 1930 | 117.3 | 3,495,000  | 8.98    | 31,407,000   | 106.3 | 50,503,000  | 8.92    | 450,684,000    |
| 1931 | 87.2  | 3,407,000  | 5.52    | 16,844,000   | 102.8 | 51,911,000  | 5.35    | 277,708,000    |

SWINE, INCLUDING PIGS

|      |       |          |         |              |       |             |         |                |
|------|-------|----------|---------|--------------|-------|-------------|---------|----------------|
| 1910 | ----  | *179,000 | \$ 8.75 | \$ 1,568,000 | ----  | *58,186,000 | \$ 9.17 | \$ 533,309,000 |
| 1920 | ----  | *450,000 | 18.00   | 8,100,000    | ----  | 59,813,000  | 20.00   | 1,199,406,000  |
| 1921 | 92.0  | 414,000  | 12.30   | 5,092,000    | 98.1  | 58,711,000  | 13.65   | 799,757,000    |
| 1922 | 109.9 | 455,000  | 9.60    | 4,368,000    | 101.0 | 59,355,000  | 10.59   | 630,935,000    |
| 1923 | 130.1 | 592,000  | 10.50   | 6,216,000    | 115.3 | 68,447,000  | 12.31   | 849,680,000    |
| 1924 | 97.1  | 575,000  | 9.67    | 5,428,000    | 96.3  | 65,937,000  | 10.30   | 683,766,000    |
| 1925 | 85.5  | *493,000 | 11.00   | 5,423,000    | 84.5  | 55,568,000  | 13.20   | 733,742,000    |
| 1926 | 90.0  | 443,000  | 13.60   | 6,004,000    | 93.8  | 52,148,000  | 15.80   | 824,100,000    |
| 1927 | 100.0 | 443,000  | 16.00   | 7,073,000    | 105.0 | 54,788,000  | 17.25   | 945,012,000    |
| 1928 | 115.0 | 509,000  | 13.10   | 6,690,000    | 110.6 | 60,617,000  | 13.20   | 799,902,000    |
| 1929 | 108.0 | 550,000  | 12.10   | 6,630,000    | 93.8  | 56,880,000  | 13.00   | 739,255,000    |
| 1930 | 90.0  | 495,000  | 12.01   | 5,943,000    | 93.6  | 53,238,000  | 13.76   | 732,560,000    |
| 1931 | 105.0 | 520,000  | 11.09   | 5,769,000    | 98.3  | 52,323,000  | 11.66   | 610,200,000    |

TOTAL VALUE OF ALL LIVESTOCK JANUARY 1

| Colorado |                    | United States   |  | Colorado |                    | United States   |  |
|----------|--------------------|-----------------|--|----------|--------------------|-----------------|--|
| 1910     | -----\$ 68,620,000 | \$4,910,975,000 |  | 1925     | -----\$ 88,640,000 | \$4,616,436,000 |  |
| 1920     | -----152,936,000   | 7,989,775,000   |  | 1926     | -----95,403,000    | 4,943,096,000   |  |
| 1921     | -----110,301,000   | 5,950,904,000   |  | 1927     | -----93,344,000    | 5,033,321,000   |  |
| 1922     | -----89,908,000    | 4,683,689,000   |  | 1928     | -----112,185,000   | 5,414,464,000   |  |
| 1923     | -----92,851,000    | 4,994,239,000   |  | 1929     | -----127,392,000   | 6,003,598,000   |  |
| 1924     | -----87,065,000    | 4,681,505,000   |  | 1930     | -----119,930,000   | 5,887,964,000   |  |
|          |                    |                 |  | 1931     | -----88,746,000    | 4,366,477,000   |  |

Explanations: Numbers with one star (\*) indicate the Federal census numbers for January 1, 1920 and 1925, and April 15, 1910. †Values 1910 milk cows included with other cattle.

## COLORADO LIVESTOCK ASSESSMENTS

| HORSES |         |                |                | MULES  |                |                | RANGE CATTLE |                |                |  |
|--------|---------|----------------|----------------|--------|----------------|----------------|--------------|----------------|----------------|--|
| Year   | Number  | Assessed Value | Aver. Per Head | Number | Assessed Value | Aver. Per Head | Number       | Assessed Value | Aver. Per Head |  |
| 1910   | 246,975 | \$7,506,000    | \$30.39        | 14,277 | \$ 524,559     | \$36.74        | 720,297      | -----          | ----           |  |
| 1911   | 259,990 | 7,752,000      | 29.81          | 16,741 | 601,292        | 35.91          | 715,315      | -----          | ----           |  |
| 1912   | 255,511 | 7,254,000      | 28.38          | 16,821 | 600,442        | 35.69          | 701,542      | -----          | ----           |  |
| 1913   | 281,704 | 18,028,000     | 63.99          | 19,329 | 1,568,328      | 81.12          | 793,957      | \$23,912,000   | \$30.11        |  |
| 1914   | 279,826 | 18,211,000     | 65.05          | 19,635 | 1,669,737      | 85.03          | 868,261      | 30,167,000     | 34.73          |  |
| 1915   | 296,368 | 20,031,000     | 67.59          | 23,284 | 1,991,820      | 85.54          | 997,823      | 37,548,000     | 37.63          |  |
| 1916   | 308,062 | 21,729,000     | 70.54          | 26,280 | 2,303,481      | 87.64          | 1,063,153    | 41,864,000     | 39.38          |  |
| 1917   | 326,002 | 23,837,000     | 73.12          | 29,269 | 2,716,010      | 92.80          | 1,147,428    | 46,533,000     | 40.56          |  |
| 1918   | 352,794 | 26,836,000     | 76.05          | 29,838 | 2,843,990      | 95.31          | 1,262,616    | 55,236,000     | 43.75          |  |
| 1919   | 354,868 | 25,254,000     | 71.16          | 30,045 | 2,660,731      | 88.56          | 1,286,547    | 56,989,000     | 44.30          |  |
| 1920   | 337,903 | 22,866,000     | 67.65          | 28,682 | 2,476,076      | 86.33          | 1,187,480    | 51,334,000     | 42.38          |  |
| 1921   | 333,669 | 18,495,000     | 55.42          | 29,639 | 2,054,836      | 69.56          | 1,123,594    | 31,856,000     | 28.35          |  |
| 1922   | 318,808 | 15,350,168     | 48.15          | 31,741 | 1,787,269      | 56.31          | 1,112,299    | 29,719,000     | 26.72          |  |
| 1923   | 304,262 | 11,901,589     | 39.12          | 32,628 | 1,499,818      | 46.10          | 1,060,189    | 26,084,000     | 24.60          |  |
| 1924   | 290,784 | 10,722,327     | 36.87          | 35,325 | 1,495,797      | 42.34          | 972,984      | 20,619,000     | 21.20          |  |
| 1925   | 280,094 | 10,248,460     | 36.59          | 32,939 | 1,417,710      | 43.04          | 905,618      | 18,023,000     | 19.90          |  |
| 1926   | 268,346 | 9,634,799      | 35.90          | 31,653 | 1,335,301      | 42.19          | 828,797      | 17,095,126     | 20.62          |  |
| 1927   | 250,008 | 8,764,003      | 35.06          | 30,306 | 1,250,836      | 41.27          | 804,545      | 18,212,260     | 21.98          |  |
| 1928   | 239,759 | 8,207,666      | 34.23          | 26,189 | 1,116,295      | 42.63          | 796,725      | 23,622,220     | 29.64          |  |
| 1929   | 233,855 | 7,893,333      | 33.75          | 25,318 | 1,072,270      | 41.92          | 793,974      | 27,050,976     | 34.07          |  |
| 1930   | 225,609 | 7,294,217      | 32.33          | 21,994 | 917,187        | 41.70          | 800,178      | 27,312,372     | 34.13          |  |

| DAIRY CATTLE |         |                |                | RANGE OR STOCK SHEEP |                |                | SWINE   |                |                |
|--------------|---------|----------------|----------------|----------------------|----------------|----------------|---------|----------------|----------------|
| Year         | Number  | Assessed Value | Aver. Per Head | Number               | Assessed Value | Aver. Per Head | Number  | Assessed Value | Aver. Per Head |
| 1910         | 63,671  | -----          | ----           | 1,463,861            | \$ 2,165,838   | \$ 1.48        | 60,871  | \$ 253,678     | \$ 4.16        |
| 1911         | 70,996  | -----          | ----           | 1,757,771            | 2,400,404      | 1.36           | 75,954  | 281,762        | 3.68           |
| 1912         | 66,273  | -----          | ----           | 1,352,900            | 1,788,897      | 1.32           | 70,261  | 245,102        | 3.48           |
| 1913         | 73,768  | \$3,324,000    | \$45.06        | 1,679,660            | 4,776,626      | 3.02           | 83,859  | 630,919        | 7.52           |
| 1914         | 97,732  | 4,994,869      | 51.10          | 1,555,165            | 4,853,413      | 3.12           | 112,342 | 883,609        | 7.86           |
| 1915         | 101,037 | 5,786,218      | 57.26          | 1,157,644            | 4,032,950      | 3.48           | 163,143 | 1,183,742      | 7.25           |
| 1916         | 110,298 | 6,727,172      | 60.99          | 1,044,380            | 5,092,433      | 4.88           | 181,169 | 1,359,799      | 7.50           |
| 1917         | 124,342 | 7,919,512      | 63.69          | 1,003,168            | 7,182,427      | 7.16           | 165,329 | 1,630,154      | 9.86           |
| 1918         | 137,126 | 9,449,630      | 68.91          | 1,164,411            | 12,659,415     | 10.87          | 194,576 | 2,768,632      | 14.23          |
| 1919         | 143,106 | 10,170,007     | 71.06          | 1,089,037            | 11,386,972     | 10.46          | 199,988 | 2,955,440      | 15.14          |
| 1920         | 143,981 | 10,169,207     | 70.56          | 915,394              | 9,230,084      | 10.08          | 182,097 | 2,129,493      | 12.00          |
| 1921         | 145,070 | 7,981,591      | 55.02          | 855,873              | 3,216,728      | 3.76           | 175,064 | 1,619,044      | 9.37           |
| 1922         | 149,119 | 7,295,697      | 48.92          | 815,714              | 3,441,985      | 4.22           | 209,017 | 1,882,647      | 9.14           |
| 1923         | 143,163 | 6,245,287      | 43.62          | 830,483              | 4,390,920      | 5.57           | 259,917 | 2,211,060      | 8.61           |
| 1924         | 149,425 | 6,038,056      | 40.40          | 809,784              | 4,691,228      | 5.79           | 246,163 | 1,794,677      | 7.29           |
| 1925         | 147,411 | 5,789,318      | 39.27          | 860,600              | 6,188,636      | 7.19           | 183,176 | 1,450,864      | 7.92           |
| 1926         | 147,176 | 5,795,951      | 39.38          | 1,014,931            | 7,421,145      | 7.31           | 140,768 | 1,246,258      | 8.85           |
| 1927         | 162,268 | 6,467,821      | 39.86          | 1,212,716            | 9,028,761      | 7.45           | 164,058 | 1,637,001      | 9.98           |
| 1928         | 148,474 | 7,390,272      | 49.78          | 1,260,863            | 10,234,087     | 8.12           | 172,209 | 1,675,270      | 9.73           |
| 1929         | 177,856 | 8,505,365      | 47.82          | 1,436,385            | 10,644,536     | 7.41           | 184,530 | 1,802,999      | 9.77           |
| 1930         | 172,382 | 8,092,468      | 46.95          | 1,486,492            | 8,340,788      | 5.61           | 178,906 | 1,746,068      | 9.76           |

Note: The discrepancy between census and assessors' figures is less than appears from the totals, as enumerations are made at different seasons and not on an identical basis. In 1913 Colorado's assessment basis was raised from one-third of actual value to full value, accounting for the large increase in 1913 values.

| CATTLE FED IN TRANSIT |         |                |  | SHEEP FED IN TRANSIT |                |  |  |
|-----------------------|---------|----------------|--|----------------------|----------------|--|--|
| Year                  | Number  | Assessed Value |  | Number               | Assessed Value |  |  |
| 1916                  | 47,292  | \$ 927,860     |  | 767,468              | \$ 691,870     |  |  |
| 1917                  | 77,211  | 1,149,145      |  | 946,166              | 929,650        |  |  |
| 1918                  | 78,651  | 1,447,860      |  | 806,560              | 1,420,495      |  |  |
| 1919                  | 84,907  | 1,643,400      |  | 656,455              | 1,151,155      |  |  |
| 1920                  | 73,163  | 1,286,830      |  | 666,810              | 929,150        |  |  |
| 1921                  | 77,813  | 1,077,590      |  | 1,029,242            | 679,600        |  |  |
| 1922                  | 82,430  | 685,285        |  | 762,872              | 730,805        |  |  |
| 1923                  | 83,248  | 581,495        |  | 1,187,399            | 1,115,046      |  |  |
| 1924                  | 85,829  | 708,895        |  | 1,137,349            | 1,135,710      |  |  |
| 1925                  | 92,357  | 760,645        |  | 1,370,479            | 1,485,635      |  |  |
| 1926                  | 96,495  | 928,495        |  | 1,311,481            | 1,270,847      |  |  |
| 1927                  | 122,462 | 1,156,235      |  | 678,984              | 883,156        |  |  |
| 1928                  | 101,377 | 1,239,890      |  | 1,392,935            | 1,660,625      |  |  |
| 1929                  | 127,500 | 1,839,000      |  | 1,582,282            | 1,760,968      |  |  |
| 1930                  | 123,823 | 1,274,389      |  | 1,863,330            | 1,424,824      |  |  |

Note: Assessment made on April 1. Cattle Fed in Transit covers cattle in feed lots after January 1. Sheep Fed in Transit covers sheep and lambs in feed lots after January 1 and also some sheep on summer range.

**HORSES IN COLORADO, 1929 AND 1930**  
(From Reports of County Assessors to the State Tax Commission)

| COUNTY           | 1929    |                |                  | 1930    |                |                  |
|------------------|---------|----------------|------------------|---------|----------------|------------------|
|                  | Number  | Assessed Value | Average Per Head | Number  | Assessed Value | Average Per Head |
| Adams.....       | 5,946   | \$ 209,830     | \$35.29          | 5,772   | \$ 203,530     | \$35.26          |
| Alamosa.....     | 1,647   | 92,475         | 56.15            | 1,656   | 97,580         | 58.93            |
| Arapahoe.....    | 2,849   | 100,400        | 35.24            | 2,660   | 96,280         | 36.20            |
| Archuleta.....   | 1,145   | 38,235         | 33.39            | 1,161   | 36,635         | 31.55            |
| Baca.....        | 8,049   | 159,772        | 19.85            | 6,864   | 124,238        | 18.10            |
| Bent.....        | 4,275   | 120,630        | 28.22            | 4,412   | 117,265        | 26.57            |
| Boulder.....     | 3,875   | 159,460        | 41.15            | 3,473   | 141,440        | 40.73            |
| Chaffee.....     | 877     | 41,540         | 47.37            | 921     | 38,120         | 41.39            |
| Cheyenne.....    | 3,111   | 80,270         | 25.80            | 2,801   | 70,345         | 25.11            |
| Clear Creek..... | 190     | 7,275          | 38.30            | 124     | 5,125          | 41.33            |
| Conejos.....     | 2,177   | 86,620         | 39.79            | 2,151   | 85,960         | 39.96            |
| Costilla.....    | 1,346   | 49,980         | 37.14            | 1,345   | 47,665         | 35.44            |
| Crowley.....     | 2,663   | 93,720         | 35.19            | 2,576   | 88,100         | 34.20            |
| Custer.....      | 1,119   | 32,735         | 29.25            | 1,111   | 32,865         | 29.58            |
| Delta.....       | 3,902   | 138,610        | 35.52            | 3,848   | 134,765        | 35.02            |
| Denver.....      | 422     | 31,260         | 74.07            | 613     | 28,180         | 45.97            |
| Dolores.....     | 413     | 12,295         | 29.77            | 464     | 10,950         | 23.60            |
| Douglas.....     | 1,982   | 102,175        | 51.55            | 1,945   | 99,150         | 50.98            |
| Eagle.....       | 2,323   | 97,290         | 41.88            | 2,348   | 88,965         | 37.89            |
| Elbert.....      | 6,129   | 204,800        | 33.41            | 5,928   | 190,985        | 32.22            |
| El Paso.....     | 5,038   | 148,560        | 29.49            | 4,670   | 138,360        | 29.63            |
| Fremont.....     | 1,370   | 42,105         | 30.73            | 1,432   | 42,395         | 29.61            |
| Garfield.....    | 4,842   | 184,725        | 38.15            | 4,691   | 193,685        | 41.29            |
| Gilpin.....      | 158     | 5,325          | 33.70            | 125     | 3,735          | 29.88            |
| Grand.....       | 2,301   | 68,375         | 29.72            | 2,201   | 59,070         | 26.84            |
| Gunnison.....    | 2,671   | 104,020        | 38.94            | 2,528   | 99,190         | 39.24            |
| Hinsdale.....    | 161     | 5,302          | 32.93            | 159     | 5,185          | 32.61            |
| Huerfano.....    | 2,155   | 61,995         | 28.77            | 1,856   | 51,475         | 27.73            |
| Jackson.....     | 2,517   | 47,050         | 18.69            | 2,580   | 50,440         | 19.55            |
| Jefferson.....   | 2,050   | 97,790         | 32.06            | 2,912   | 96,645         | 33.19            |
| Kiowa.....       | 1,153   | 46,120         | 40.00            | 1,110   | 44,360         | 39.96            |
| Kit Carson.....  | 8,959   | 256,144        | 28.59            | 7,393   | 265,736        | 35.94            |
| Lake.....        | 267     | 9,880          | 37.00            | 234     | 8,360          | 35.73            |
| La Plata.....    | 3,139   | 95,905         | 30.55            | 2,931   | 83,005         | 28.32            |
| Larimer.....     | 8,920   | 314,000        | 35.20            | 7,764   | 267,700        | 34.48            |
| Las Animas.....  | 6,799   | 147,778        | 21.74            | 6,908   | 139,139        | 20.14            |
| Lincoln.....     | 5,457   | 125,580        | 23.01            | 5,487   | 131,835        | 24.03            |
| Logan.....       | 10,231  | 362,200        | 35.40            | 9,831   | 319,250        | 32.47            |
| Mesa.....        | 5,420   | 190,535        | 36.15            | 5,510   | 200,655        | 36.41            |
| Mineral.....     | 314     | 8,315          | 26.48            | 323     | 9,195          | 28.46            |
| Moffat.....      | 5,291   | 97,390         | 18.41            | 5,284   | 104,380        | 19.75            |
| Montezuma.....   | 2,387   | 75,285         | 31.54            | 2,315   | 67,875         | 29.32            |
| Montrose.....    | 3,769   | 140,840        | 37.37            | 4,724   | 148,010        | 31.33            |
| Morgan.....      | 8,331   | 308,010        | 37.00            | 8,187   | 269,310        | 32.90            |
| Otero.....       | 5,695   | 199,595        | 35.05            | 5,557   | 188,445        | 33.91            |
| Ouray.....       | 600     | 18,340         | 30.56            | 590     | 16,570         | 28.08            |
| Park.....        | 1,791   | 71,520         | 39.93            | 1,643   | 58,860         | 35.83            |
| Phillips.....    | 3,612   | 116,875        | 32.36            | 3,264   | 105,175        | 32.22            |
| Pitkin.....      | 900     | 32,825         | 36.47            | 847     | 27,400         | 32.35            |
| Prowers.....     | 9,008   | 254,439        | 28.25            | 8,814   | 185,516        | 21.05            |
| Pueblo.....      | 4,210   | 162,295        | 38.55            | 4,405   | 155,295        | 35.25            |
| Rio Blanco.....  | 2,753   | 87,375         | 31.73            | 2,660   | 88,115         | 33.13            |
| Rio Grande.....  | 2,413   | 114,300        | 47.37            | 2,437   | 106,085        | 43.53            |
| Routt.....       | 5,836   | 221,900        | 38.02            | 5,638   | 209,750        | 37.20            |
| Saguache.....    | 2,581   | 83,885         | 32.50            | 2,415   | 80,918         | 33.50            |
| San Juan.....    | 31      | 2,190          | 70.64            | 44      | 2,255          | 51.25            |
| San Miguel.....  | 746     | 34,630         | 46.42            | 627     | 29,215         | 46.59            |
| Sedgwick.....    | 3,004   | 126,145        | 41.99            | 2,506   | 98,440         | 39.28            |
| Summit.....      | 440     | 17,600         | 40.00            | 465     | 17,670         | 38.00            |
| Teller.....      | 643     | 25,535         | 39.71            | 689     | 19,450         | 28.23            |
| Washington.....  | 9,493   | 236,133        | 24.87            | 8,728   | 218,945        | 25.09            |
| Weld.....        | 23,006  | 972,130        | 42.26            | 22,000  | 848,670        | 38.58            |
| Yuma.....        | 8,953   | 313,020        | 35.00            | 8,952   | 300,310        | 33.55            |
| State.....       | 233,855 | \$7,893,333    | \$33.75          | 225,609 | \$7,294,217    | \$32.33          |



**MULES IN COLORADO, 1929 AND 1930**  
(From Reports of County Assessors to the State Tax Commission)

| COUNTY           | 1929   |                |                  | 1930   |                |                  |
|------------------|--------|----------------|------------------|--------|----------------|------------------|
|                  | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams.....       | 432    | \$ 15,570      | \$36.04          | 352    | \$ 13,540      | \$38.46          |
| Alamosa.....     | 164    | 11,800         | 71.96            | 147    | 10,675         | 72.62            |
| Arapahoe.....    | 180    | 7,550          | 41.94            | 200    | 8,215          | 41.08            |
| Archuleta.....   | 55     | 2,265          | 41.18            | 59     | 2,240          | 37.97            |
| Baca.....        | 1,226  | 32,673         | 26.65            | 650    | 16,510         | 25.40            |
| Bent.....        | 521    | 20,355         | 39.07            | 465    | 18,635         | 40.07            |
| Boulder.....     | 376    | 19,990         | 53.16            | 382    | 19,580         | 51.26            |
| Chaffee.....     | 14     | 385            | 27.50            | 18     | 770            | 42.78            |
| Cheyenne.....    | 422    | 13,890         | 32.91            | 302    | 10,085         | 33.40            |
| Clear Creek..... | 2      | 60             | 30.00            | 2      | 30             | 15.00            |
| Conejos.....     | 287    | 13,465         | 46.92            | 234    | 11,680         | 50.00            |
| Costilla.....    | 83     | 3,380          | 40.72            | 76     | 2,780          | 26.58            |
| Crowley.....     | 415    | 19,840         | 47.81            | 377    | 17,390         | 46.13            |
| Custer.....      | 48     | 1,465          | 30.52            | 29     | 1,000          | 34.48            |
| Delta.....       | 359    | 15,295         | 42.60            | 304    | 13,480         | 44.34            |
| Denver.....      | 62     | 3,630          | 58.55            | 53     | 2,450          | 46.23            |
| Dolores.....     | 84     | 2,470          | 29.45            | 79     | 2,320          | 29.37            |
| Douglas.....     | 76     | 3,975          | 52.30            | 69     | 3,550          | 51.45            |
| Eagle.....       | 78     | 4,015          | 51.47            | 82     | 4,190          | 51.09            |
| Elbert.....      | 345    | 33,565         | 39.72            | 735    | 28,375         | 38.61            |
| El Paso.....     | 1,224  | 42,670         | 34.86            | 1,124  | 39,450         | 35.16            |
| Fremont.....     | 181    | 8,902          | 49.18            | 130    | 6,796          | 52.28            |
| Garfield.....    | 270    | 11,760         | 43.56            | 264    | 12,300         | 46.60            |
| Gilpin.....      | 1      | 30             | 30.00            | 1      | 30             | 30.00            |
| Grand.....       | 29     | 1,340          | 46.21            | 18     | 540            | 30.00            |
| Gunnison.....    | 233    | 11,255         | 48.30            | 256    | 12,900         | 50.40            |
| Hinsdale.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| Huerfano.....    | 492    | 39,515         | 80.32            | 416    | 32,605         | 78.37            |
| Jackson.....     | 79     | 2,170          | 27.47            | 55     | 1,460          | 26.54            |
| Jefferson.....   | 169    | 7,255          | 42.92            | 144    | 6,345          | 44.06            |
| Kiowa.....       | 175    | 7,000          | 40.00            | 166    | 6,640          | 40.00            |
| Kit Carson.....  | 1,258  | 41,545         | 33.02            | 1,021  | 37,825         | 37.04            |
| Lake.....        | 2      | 50             | 25.00            | 2      | 100            | 50.00            |
| La Plata.....    | 183    | 7,535          | 41.17            | 171    | 4,900          | 28.65            |
| Larimer.....     | 1,244  | 64,690         | 52.00            | 810    | 30,980         | 38.25            |
| Las Animas.....  | 1,363  | 71,886         | 52.74            | 1,160  | 68,920         | 59.41            |
| Lincoln.....     | 767    | 23,250         | 30.31            | 685    | 21,075         | 30.77            |
| Logan.....       | 1,007  | 41,950         | 41.66            | 800    | 32,855         | 41.07            |
| Mesa.....        | 408    | 17,160         | 42.06            | 430    | 18,310         | 42.58            |
| Mineral.....     | 9      | 480            | 53.33            | 12     | 710            | 59.16            |
| Moffat.....      | 183    | 5,715          | 31.23            | 215    | 6,905          | 32.11            |
| Montezuma.....   | 273    | 9,460          | 34.65            | 277    | 9,100          | 32.85            |
| Montrose.....    | 254    | 9,710          | 38.23            | 247    | 9,340          | 37.81            |
| Morgan.....      | 900    | 38,270         | 42.52            | 764    | 34,320         | 44.92            |
| Otero.....       | 938    | 48,790         | 52.01            | 926    | 46,155         | 49.84            |
| Ouray.....       | 37     | 1,270          | 34.32            | 46     | 1,250          | 27.17            |
| Park.....        | 68     | 3,620          | 53.24            | 63     | 3,430          | 54.44            |
| Phillips.....    | 503    | 18,865         | 37.50            | 388    | 16,160         | 41.65            |
| Pitkin.....      | 19     | 655            | 34.47            | 14     | 340            | 24.29            |
| Prowers.....     | 1,231  | 42,419         | 34.46            | 1,084  | 31,551         | 29.11            |
| Pueblo.....      | 362    | 16,460         | 45.47            | 396    | 18,645         | 47.09            |
| Rio Blanco.....  | 200    | 7,970          | 39.85            | 179    | 6,935          | 38.74            |
| Rio Grande.....  | 592    | 31,175         | 52.66            | 480    | 24,730         | 51.52            |
| Routt.....       | ---    | ---            | ---              | 30     | 1,500          | 50.00            |
| Saguache.....    | 300    | 10,940         | 36.47            | 240    | 9,265          | 38.60            |
| San Juan.....    | 29     | 1,195          | 41.21            | 30     | 1,220          | 40.66            |
| San Miguel.....  | 38     | 1,685          | 44.34            | 31     | 1,230          | 40.00            |
| Sedgwick.....    | 319    | 14,405         | 45.16            | 275    | 12,240         | 44.51            |
| Summit.....      | 2      | 100            | 50.00            | 3      | 90             | 30.00            |
| Teller.....      | 41     | 2,270          | 55.37            | 40     | 2,430          | 60.75            |
| Washington.....  | 688    | 19,205         | 27.92            | 628    | 17,335         | 27.60            |
| Weld.....        | 2,119  | 106,530        | 50.27            | 2,132  | 93,060         | 43.65            |
| Yuma.....        | 1,399  | 55,480         | 39.66            | 1,226  | 47,720         | 38.92            |
| State.....       | 25,318 | \$1,072,270    | \$41.92          | 21,994 | \$917,187      | \$41.70          |

PURE BRED DAIRY COWS  
(From Reports of County Assessors to State Tax Commission)

| COUNTY      | 1929   |                |                  | 1930   |                |                  |
|-------------|--------|----------------|------------------|--------|----------------|------------------|
|             | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams       | ---    | ---            | ---              | 122    | \$ 8,670       | \$71.07          |
| Alamosa     | ---    | ---            | ---              | ---    | ---            | ---              |
| Arapahoe    | ---    | ---            | ---              | ---    | ---            | ---              |
| Archuleta   | ---    | ---            | ---              | ---    | ---            | ---              |
| Baca        | ---    | ---            | ---              | ---    | ---            | ---              |
| Bent        | ---    | ---            | ---              | ---    | ---            | ---              |
| Boulder     | ---    | ---            | ---              | ---    | ---            | ---              |
| Chaffee     | ---    | ---            | ---              | ---    | ---            | ---              |
| Cheyenne    | ---    | ---            | ---              | ---    | ---            | ---              |
| Clear Creek | ---    | ---            | ---              | ---    | ---            | ---              |
| Conejos     | ---    | ---            | ---              | ---    | ---            | ---              |
| Costilla    | ---    | ---            | ---              | ---    | ---            | ---              |
| Crowley     | ---    | ---            | ---              | ---    | ---            | ---              |
| Custer      | 2      | \$ 120         | \$60.00          | ---    | ---            | ---              |
| Delta       | ---    | ---            | ---              | ---    | ---            | ---              |
| Denver      | ---    | ---            | ---              | ---    | ---            | ---              |
| Dolores     | ---    | ---            | ---              | ---    | ---            | ---              |
| Douglas     | ---    | ---            | ---              | ---    | ---            | ---              |
| Eagle       | ---    | ---            | ---              | ---    | ---            | ---              |
| Elbert      | 165    | 10,530         | 63.82            | 24     | 1,440          | 60.00            |
| El Paso     | 508    | 45,240         | 89.06            | 468    | 40,930         | 87.40            |
| Fremont     | 45     | 3,375          | 75.00            | 40     | 3,060          | 76.50            |
| Garfield    | ---    | ---            | ---              | ---    | ---            | ---              |
| Gilpin      | ---    | ---            | ---              | ---    | ---            | ---              |
| Grand       | ---    | ---            | ---              | ---    | ---            | ---              |
| Gunnison    | 40     | 2,400          | 60.00            | ---    | ---            | ---              |
| Hinsdale    | ---    | ---            | ---              | ---    | ---            | ---              |
| Huerfano    | ---    | ---            | ---              | ---    | ---            | ---              |
| Jackson     | ---    | ---            | ---              | ---    | ---            | ---              |
| Jefferson   | 75     | 6,620          | 88.26            | 93     | 8,290          | 89.04            |
| Kiowa       | ---    | ---            | ---              | ---    | ---            | ---              |
| Kit Carson  | 67     | 4,880          | 72.84            | 84     | 6,125          | 72.92            |
| Lake        | ---    | ---            | ---              | ---    | ---            | ---              |
| La Plata    | ---    | ---            | ---              | ---    | ---            | ---              |
| Larimer     | 347    | 20,820         | 60.00            | 297    | 17,820         | 60.00            |
| Las Animas  | ---    | ---            | ---              | ---    | ---            | ---              |
| Lincoln     | ---    | ---            | ---              | ---    | ---            | ---              |
| Logan       | 300    | 30,000         | 100.00           | 340    | 22,585         | 66.43            |
| Mesa        | 6,345  | 317,250        | 50.00            | ---    | ---            | ---              |
| Mineral     | ---    | ---            | ---              | ---    | ---            | ---              |
| Moffat      | ---    | ---            | ---              | ---    | ---            | ---              |
| Montezuma   | ---    | ---            | ---              | ---    | ---            | ---              |
| Montrose    | 215    | 12,900         | 60.00            | 80     | 4,800          | 60.00            |
| Morgan      | 60     | 6,000          | 100.00           | 75     | 7,500          | 100.00           |
| Otero       | 236    | 15,755         | 66.76            | 77     | 6,310          | 81.95            |
| Ouray       | 23     | 1,380          | 60.00            | ---    | ---            | ---              |
| Park        | ---    | ---            | ---              | ---    | ---            | ---              |
| Phillips    | ---    | ---            | ---              | ---    | ---            | ---              |
| Pitkin      | ---    | ---            | ---              | ---    | ---            | ---              |
| Prowers     | 111    | 8,850          | 79.82            | 161    | 9,775          | 60.71            |
| Pueblo      | 211    | 16,175         | 76.66            | 144    | 10,930         | 75.91            |
| Rio Blanco  | ---    | ---            | ---              | ---    | ---            | ---              |
| Rio Grande  | ---    | ---            | ---              | ---    | ---            | ---              |
| Routt       | ---    | ---            | ---              | 63     | 3,780          | 60.00            |
| Saguache    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Juan    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Miguel  | ---    | ---            | ---              | ---    | ---            | ---              |
| Sedgwick    | 28     | 1,680          | 60.00            | 34     | 2,040          | 60.00            |
| Summit      | ---    | ---            | ---              | ---    | ---            | ---              |
| Teller      | ---    | ---            | ---              | ---    | ---            | ---              |
| Washington  | ---    | ---            | ---              | ---    | ---            | ---              |
| Weld        | 337    | 25,280         | 75.01            | 343    | 24,630         | 71.81            |
| Yuma        | 45     | 3,200          | 71.11            | ---    | ---            | ---              |
| State       | 9,160  | \$532,455      | \$58.13          | 2,445  | \$178,685      | \$73.08          |

**GRADE DAIRY COWS**  
(From Reports of County Assessors to State Tax Commission)

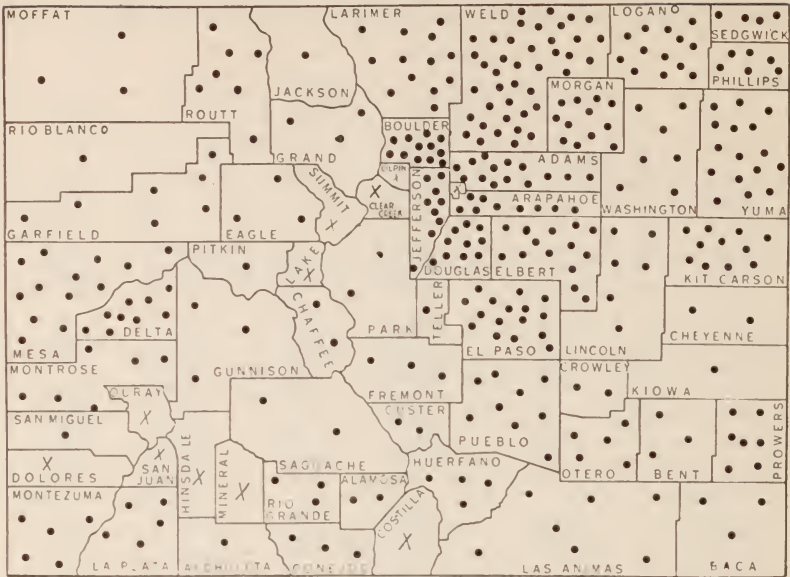
| COUNTY      | 1929   |                |                  | 1930   |                |                  |
|-------------|--------|----------------|------------------|--------|----------------|------------------|
|             | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams       | 3,453  | \$ 172,650     | \$50.00          | 3,578  | \$ 179,000     | \$50.03          |
| Alamosa     | ---    | ---            | ---              | 1,164  | 58,190         | 50.00            |
| Arapahoe    | 4,077  | 227,510        | 55.80            | 4,359  | 227,770        | 52.25            |
| Archuleta   | 670    | 33,710         | 50.31            | 651    | 32,695         | 50.22            |
| Baca        | 150    | 7,800          | 52.00            | 120    | 6,000          | 50.00            |
| Bent        | 1,335  | 67,335         | 50.44            | 964    | 48,200         | 50.00            |
| Boulder     | 4,093  | 220,090        | 53.77            | 2,547  | 127,360        | 50.00            |
| Chaffee     | ---    | ---            | ---              | 904    | 45,020         | 50.00            |
| Cheyenne    | 103    | 5,400          | 50.00            | 853    | 44,500         | 52.17            |
| Clear Creek | ---    | ---            | ---              | ---    | ---            | ---              |
| Conejos     | ---    | ---            | ---              | ---    | ---            | ---              |
| Costilla    | 119    | 5,950          | 50.00            | 383    | 19,190         | 50.11            |
| Crowley     | 450    | 27,000         | 60.00            | 439    | 26,340         | 60.00            |
| Custer      | 329    | 16,450         | 50.00            | 295    | 14,750         | 50.00            |
| Delta       | ---    | ---            | ---              | ---    | ---            | ---              |
| Denver      | ---    | ---            | ---              | ---    | ---            | ---              |
| Dolores     | ---    | ---            | ---              | ---    | ---            | ---              |
| Douglas     | 4,851  | 269,250        | 55.50            | 4,805  | 240,310        | 50.01            |
| Eagle       | ---    | ---            | ---              | ---    | ---            | ---              |
| Elbert      | 6,109  | 305,595        | 50.02            | 6,128  | 306,885        | 50.08            |
| El Paso     | 2,274  | 133,040        | 58.50            | 2,057  | 119,370        | 58.03            |
| Fremont     | 1,068  | 59,393         | 55.60            | 1,239  | 70,572         | 53.57            |
| Garfield    | 3,456  | 173,030        | 50.07            | 3,313  | 166,670        | 50.30            |
| Gilpin      | ---    | ---            | ---              | ---    | ---            | ---              |
| Grand       | ---    | ---            | ---              | ---    | ---            | ---              |
| Gunnison    | 1,106  | 65,105         | 58.06            | 1,269  | 63,470         | 50.02            |
| Hinsdale    | 2      | 100            | 50.00            | 5      | 264            | 52.80            |
| Huerfano    | 1,823  | 91,155         | 50.00            | 588    | 29,400         | 50.00            |
| Jackson     | 800    | 40,000         | 50.00            | 696    | 34,800         | 50.00            |
| Jefferson   | 4,527  | 226,365        | 50.00            | 2,546  | 140,050        | 55.00            |
| Kiowa       | 474    | 23,700         | 50.00            | ---    | ---            | ---              |
| Kit Carson  | ---    | ---            | ---              | 2,964  | 148,245        | 50.01            |
| Lake        | ---    | ---            | ---              | ---    | ---            | ---              |
| La Plata    | 2,261  | 115,710        | 51.18            | 2,448  | 123,490        | 50.44            |
| Larimer     | 5,216  | 271,240        | 52.00            | 4,933  | 246,650        | 50.00            |
| Las Animas  | 200    | 10,000         | 50.00            | 350    | 17,500         | 50.00            |
| Lincoln     | ---    | ---            | ---              | 800    | 44,000         | 55.00            |
| Logan       | 400    | 24,000         | 60.00            | 500    | 25,250         | 50.50            |
| Mesa        | ---    | ---            | ---              | 6,490  | 324,830        | 50.05            |
| Mineral     | 8      | 475            | 59.37            | 43     | 2,510          | 52.29            |
| Moffat      | 122    | 6,100          | 50.00            | 550    | 30,000         | 54.54            |
| Montezuma   | ---    | ---            | ---              | ---    | ---            | ---              |
| Montrose    | 2,522  | 126,100        | 50.00            | 3,025  | 151,250        | 50.00            |
| Morgan      | 152    | 9,120          | 60.00            | 202    | 11,110         | 55.00            |
| Otero       | 2,047  | 109,260        | 53.38            | 293    | 12,445         | 61.31            |
| Ouray       | 370    | 18,500         | 50.00            | 314    | 15,700         | 50.00            |
| Park        | ---    | ---            | ---              | ---    | ---            | ---              |
| Phillips    | ---    | ---            | ---              | ---    | ---            | ---              |
| Pitkin      | ---    | ---            | ---              | ---    | ---            | ---              |
| Prowers     | 1,595  | 85,130         | 53.37            | 682    | 34,105         | 50.00            |
| Pueblo      | 1,842  | 92,080         | 50.00            | 1,574  | 81,120         | 51.54            |
| Rio Blanco  | ---    | ---            | ---              | ---    | ---            | ---              |
| Rio Grande  | 1,340  | 67,320         | 50.24            | 1,302  | 65,100         | 50.00            |
| Routt       | ---    | ---            | ---              | 3,257  | 162,850        | 50.00            |
| Saguache    | 764    | 38,200         | 50.00            | 801    | 40,080         | 50.00            |
| San Juan    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Miguel  | 738    | 36,900         | 50.00            | 601    | 30,050         | 50.00            |
| Sedgwick    | 1,384  | 69,270         | 50.05            | 727    | 36,350         | 50.00            |
| Summit      | ---    | ---            | ---              | ---    | ---            | ---              |
| Teller      | 61     | 3,050          | 50.00            | 117    | 5,900          | 50.43            |
| Washington  | ---    | ---            | ---              | ---    | ---            | ---              |
| Weld        | 5,217  | 319,090        | 61.16            | 9,888  | 493,520        | 49.91            |
| Yuma        | 1,556  | 82,460         | 53.00            | 734    | 36,700         | 50.00            |
| State       | 69,069 | \$3,654,633    | \$52.91          | 81,413 | \$4,139,561    | \$50.86          |



**COMMON DAIRY COWS**  
(From Reports of County Assessors to State Tax Commission)

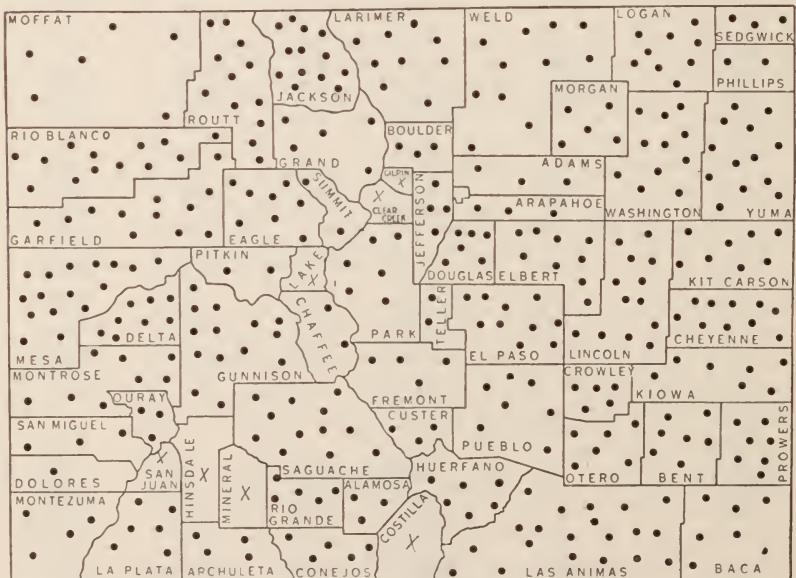
| COUNTY      | 1929   |                |                  | 1930   |                |                  |
|-------------|--------|----------------|------------------|--------|----------------|------------------|
|             | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams       | 2,990  | \$ 126,840     | \$42.42          | 3,060  | \$ 133,340     | \$43.68          |
| Alamosa     | 1,144  | 57,065         | 49.88            | -----  | -----          | -----            |
| Arapahoe    | -----  | -----          | -----            | -----  | -----          | -----            |
| Archuleta   | -----  | -----          | -----            | -----  | -----          | -----            |
| Baca        | 1,625  | 71,500         | 44.00            | 1,415  | 59,430         | 42.00            |
| Bent        | 579    | 23,160         | 40.00            | 525    | 21,235         | 40.44            |
| Boulder     | 1,464  | 60,550         | 41.36            | 3,253  | 130,120        | 40.00            |
| Chaffee     | 901    | 41,635         | 46.21            | -----  | -----          | -----            |
| Cheyenne    | 740    | 29,600         | 40.00            | -----  | -----          | -----            |
| Clear Creek | 100    | 5,260          | 52.60            | 100    | 4,970          | 50.00            |
| Conejos     | 1,765  | 83,825         | 47.50            | 1,564  | 78,650         | 50.29            |
| Costilla    | 350    | 16,395         | 46.84            | -----  | -----          | -----            |
| Crowley     | 478    | 19,735         | 41.29            | 500    | 20,800         | 41.60            |
| Custer      | 441    | 17,670         | 40.07            | 508    | 20,320         | 40.00            |
| Delta       | 4,372  | 226,290        | 51.76            | 4,195  | 209,750        | 50.00            |
| Denver      | 435    | 21,380         | 49.15            | 350    | 15,290         | 43.68            |
| Dolores     | 321    | 13,500         | 42.06            | 323    | 13,126         | 40.64            |
| Douglas     | -----  | -----          | -----            | -----  | -----          | -----            |
| Eagle       | 1,124  | 56,200         | 50.00            | 1,192  | 59,600         | 50.00            |
| Elbert      | 1,188  | 47,885         | 40.31            | -----  | -----          | -----            |
| El Paso     | 4,754  | 195,880        | 41.20            | 4,955  | 200,120        | 40.40            |
| Fremont     | 3,849  | 153,982        | 40.00            | 405    | 16,200         | 40.00            |
| Garfield    | -----  | -----          | -----            | -----  | -----          | -----            |
| Gilpin      | 44     | 1,830          | 41.59            | 39     | 1,720          | 44.00            |
| Grand       | 1,087  | 54,975         | 50.59            | 1,215  | 60,950         | 50.17            |
| Gunnison    | 52     | 2,080          | 40.00            | -----  | -----          | -----            |
| Hinsdale    | 76     | 3,040          | 40.00            | 261    | 10,440         | 40.00            |
| Huerfano    | -----  | -----          | -----            | 1,168  | 46,723         | 40.00            |
| Jackson     | -----  | -----          | -----            | -----  | -----          | -----            |
| Jefferson   | 357    | 14,285         | 40.00            | 1,957  | 88,080         | 45.00            |
| Kiowa       | -----  | -----          | -----            | 563    | 28,150         | 50.00            |
| Kit Carson  | 4,278  | 206,746        | 48.33            | 2,355  | 117,775        | 50.01            |
| Lake        | 161    | 8,470          | 52.61            | 163    | 8,150          | 50.00            |
| La Plata    | 525    | 21,150         | 40.29            | -----  | -----          | -----            |
| Larimer     | 1,392  | 55,680         | 40.00            | 1,388  | 55,520         | 40.00            |
| Las Animas  | 3,702  | 149,875        | 40.49            | 3,387  | 144,568        | 42.68            |
| Lincoln     | 3,272  | 132,490        | 40.49            | 2,150  | 92,835         | 43.13            |
| Logan       | 6,156  | 277,040        | 45.00            | 6,200  | 254,200        | 41.00            |
| Mesa        | -----  | -----          | -----            | -----  | -----          | -----            |
| Mineral     | 75     | 3,000          | 40.00            | 35     | 1,400          | 40.00            |
| Moffat      | 1,028  | 42,200         | 41.05            | 850    | 37,080         | 43.62            |
| Montezuma   | 2,648  | 131,855        | 49.80            | 2,538  | 127,120        | 50.09            |
| Montrose    | 861    | 34,440         | 40.00            | 79     | 3,185          | 40.32            |
| Morgan      | 5,212  | 236,330        | 45.34            | 5,792  | 231,680        | 40.00            |
| Otero       | 1,186  | 47,440         | 40.00            | 2,981  | 150,960        | 50.64            |
| Ouray       | 21     | 840            | 40.00            | 169    | 6,760          | 40.00            |
| Park        | 706    | 35,120         | 49.75            | 692    | 34,710         | 50.16            |
| Phillips    | 2,818  | 114,255        | 40.55            | 2,877  | 115,070        | 40.00            |
| Pitkin      | 1,023  | 40,920         | 40.00            | 503    | 20,120         | 40.00            |
| Prowers     | 3,225  | 131,386        | 40.74            | 2,830  | 113,590        | 40.14            |
| Pueblo      | 2,790  | 113,430        | 40.66            | 2,653  | 110,585        | 41.68            |
| Rio Blanco  | 846    | 37,505         | 44.32            | 711    | 39,555         | 55.63            |
| Rio Grande  | -----  | -----          | -----            | -----  | -----          | -----            |
| Routt       | 3,262  | 163,740        | 50.20            | -----  | -----          | -----            |
| Saguache    | -----  | -----          | -----            | -----  | -----          | -----            |
| San Juan    | 25     | 1,035          | 41.40            | 27     | 1,140          | 42.22            |
| San Miguel  | 7      | 280            | 40.00            | 18     | 735            | 40.83            |
| Sedgwick    | 516    | 20,640         | 40.00            | 1,317  | 52,790         | 40.08            |
| Summit      | 417    | 16,680         | 40.00            | 360    | 14,400         | 40.00            |
| Teller      | 577    | 23,240         | 40.28            | 453    | 18,200         | 40.18            |
| Washington  | 6,743  | 282,948        | 41.96            | 3,380  | 119,180        | 50.07            |
| Weld        | 11,276 | 456,240        | 40.46            | 9,936  | 598,620        | 40.12            |
| Yuma        | 4,643  | 188,740        | 40.65            | 7,132  | 285,280        | 40.00            |
| State       | 99,627 | \$4,318,277    | \$43.34          | 88,524 | \$3,774,222    | \$42.64          |

## DISTRIBUTION OF DAIRY CATTLE, 1930



Each dot represents 500 dairy cattle; cross indicates numbers of less than 500.

## DISTRIBUTION OF BEEF CATTLE, 1930



Each dot represents 2,000 beef cattle; cross represents numbers of less than 2,000.

STOCK CALVES (SIX MONTHS TO ONE YEAR)  
(From Reports of County Assessors to State Tax Commission)

| COUNTY      | 1929    |                |                  | 1930    |                |                  |
|-------------|---------|----------------|------------------|---------|----------------|------------------|
|             | Number  | Assessed Value | Average Per Head | Number  | Assessed Value | Average Per Head |
| Adams       | -----   | -----          | -----            | 1,887   | \$ 51,030      | \$27.04          |
| Alamosa     | 2,800   | \$ 75,600      | \$27.00          | 2,644   | 73,185         | 27.68            |
| Arapahoe    | 257     | 6,940          | 27.00            | 476     | 13,160         | 27.65            |
| Archuleta   | 1,100   | 29,700         | 27.00            | 3,195   | 88,265         | 27.62            |
| Baca        | 5,237   | 144,017        | 27.50            | 6,500   | 182,000        | 28.00            |
| Bent        | 3,250   | 87,750         | 27.00            | 3,500   | 94,500         | 27.00            |
| Boulder     | 2,586   | 74,280         | 28.72            | 2,435   | 68,490         | 28.13            |
| Chaffee     | 1,543   | 42,025         | 27.24            | 1,610   | 44,480         | 27.63            |
| Cheyenne    | 6,957   | 187,839        | 27.00            | 5,945   | 161,095        | 27.10            |
| Clear Creek | 63      | 1,710          | 27.14            | 36      | 955            | 27.00            |
| Conejos     | 1,825   | 49,275         | 27.00            | -----   | -----          | -----            |
| Costilla    | 800     | 21,600         | 27.00            | 536     | 14,760         | 27.53            |
| Crowley     | 2,637   | 73,330         | 27.81            | 3,015   | 82,095         | 27.23            |
| Custer      | 3,374   | 91,090         | 27.00            | 2,022   | 54,705         | 27.05            |
| Delta       | 6,041   | 163,105        | 27.00            | 6,882   | 190,720        | 27.71            |
| Denver      | -----   | -----          | -----            | -----   | -----          | -----            |
| Dolores     | 1,153   | 31,140         | 27.00            | 868     | 23,676         | 27.28            |
| Douglas     | 3,016   | 82,125         | 27.23            | 2,419   | 66,030         | 27.30            |
| Eagle       | 6,094   | 164,538        | 27.00            | 5,677   | 153,279        | 27.00            |
| Elbert      | 10,427  | 287,250        | 27.55            | 8,052   | 220,406        | 27.37            |
| El Paso     | 7,362   | 201,740        | 27.40            | 6,012   | 163,480        | 27.20            |
| Fremont     | 2,281   | 61,587         | 27.00            | 2,120   | 57,240         | 27.00            |
| Garfield    | 7,843   | 211,950        | 27.03            | 7,370   | 200,300        | 27.18            |
| Gilpin      | 263     | 7,112          | 27.04            | 219     | 6,143          | 28.05            |
| Grand       | 4,000   | 108,000        | 27.00            | 4,185   | 112,995        | 27.00            |
| Gunnison    | 8,891   | 240,220        | 27.02            | 8,720   | 235,540        | 27.01            |
| Hinsdale    | 572     | 15,444         | 27.00            | 547     | 14,769         | 27.00            |
| Huerfano    | 1,537   | 43,036         | 28.00            | 2,219   | 60,696         | 27.35            |
| Jackson     | 6,800   | 183,600        | 27.00            | 9,055   | 244,480        | 27.00            |
| Jefferson   | 4,491   | 121,260        | 27.00            | 3,553   | 95,945         | 27.00            |
| Kiowa       | 4,000   | 112,000        | 28.00            | 2,691   | 72,815         | 27.06            |
| Kit Carson  | 2,940   | 79,380         | 27.00            | 5,745   | 155,109        | 27.00            |
| Lake        | 158     | 4,330          | 27.41            | 78      | 2,105          | 27.00            |
| La Plata    | 4,684   | 126,840        | 27.08            | 4,413   | 122,855        | 27.83            |
| Larimer     | 3,244   | 87,580         | 27.00            | 4,057   | 109,540        | 27.00            |
| Las Animas  | 5,380   | 145,269        | 27.00            | 5,330   | 144,106        | 27.00            |
| Lincoln     | 13,436  | 363,580        | 27.06            | 8,456   | 229,160        | 27.10            |
| Logan       | 10,500  | 315,000        | 30.00            | 5,545   | 149,715        | 27.00            |
| Mesa        | 12,061  | 325,985        | 27.03            | 12,043  | 328,240        | 27.25            |
| Mineral     | 237     | 6,405          | 27.02            | 115     | 3,105          | 27.00            |
| Moffat      | 4,772   | 143,660        | 30.10            | 4,557   | 127,935        | 28.07            |
| Montezuma   | 4,434   | 122,290        | 27.58            | 3,900   | 106,120        | 27.21            |
| Montrose    | 7,000   | 189,000        | 27.00            | 5,342   | 144,248        | 27.00            |
| Morgan      | 10,237  | 312,110        | 30.49            | 7,305   | 220,900        | 30.24            |
| Otero       | 2,144   | 63,205         | 29.50            | 5,167   | 139,530        | 27.00            |
| Ouray       | 2,169   | 58,563         | 27.00            | 2,670   | 72,090         | 27.00            |
| Park        | 3,683   | 104,330        | 28.33            | 3,432   | 95,720         | 27.90            |
| Phillips    | 1,280   | 35,990         | 28.12            | 1,499   | 40,455         | 27.00            |
| Pitkin      | 1,539   | 41,550         | 27.00            | 1,844   | 49,670         | 27.00            |
| Prowers     | 5,576   | 150,504        | 27.00            | 4,751   | 129,424        | 27.24            |
| Pueblo      | 4,506   | 121,795        | 27.03            | 3,888   | 105,000        | 27.00            |
| Rio Blanco  | 6,466   | 174,610        | 27.00            | 7,798   | 210,820        | 27.04            |
| Rio Grande  | 2,810   | 75,870         | 27.00            | 3,056   | 83,170         | 27.22            |
| Routt       | 9,780   | 264,060        | 27.00            | 2,620   | 70,740         | 27.00            |
| Saguache    | 7,789   | 210,308        | 27.00            | 7,879   | 212,753        | 27.00            |
| San Juan    | -----   | -----          | -----            | -----   | -----          | -----            |
| San Miguel  | 3,233   | 87,270         | 27.00            | 1,636   | 44,160         | 27.00            |
| Sedgwick    | 2,480   | 69,500         | 28.02            | 1,990   | 54,370         | 27.32            |
| Summit      | 1,143   | 34,290         | 30.00            | 1,205   | 36,150         | 30.00            |
| Teller      | 1,029   | 28,080         | 27.29            | 835     | 24,815         | 29.72            |
| Washington  | 9,144   | 265,010        | 28.98            | 8,406   | 230,462        | 27.42            |
| Weld        | 8,816   | 244,860        | 27.77            | 7,227   | 195,450        | 27.05            |
| Yuma        | 5,751   | 159,730        | 27.77            | 8,258   | 222,965        | 27.00            |
| State       | 265,621 | \$7,330,217    | \$27.60          | 245,437 | \$6,708,116    | \$27.33          |



**STOCK CATTLE (ONE TO TWO YEARS OLD AND OVER)**  
 (From Reports of County Assessors to State Tax Commission)

| COUNTY      | 1929    |                |                  | 1930    |                |                  |
|-------------|---------|----------------|------------------|---------|----------------|------------------|
|             | Number  | Assessed Value | Average Per Head | Number  | Assessed Value | Average Per Head |
| Adams       | 4,618   | \$ 161,660     | \$35.00          | 3,573   | \$ 125,060     | \$35.00          |
| Alamosa     | 3,091   | 108,190        | 35.00            | 3,500   | 122,500        | 35.00            |
| Arapahoe    | 5,430   | 190,005        | 35.00            | 5,577   | 195,220        | 35.00            |
| Archuleta   | 7,459   | 261,070        | 35.00            | 5,591   | 208,447        | 37.28            |
| Baca        | 15,000  | 540,000        | 36.00            | 14,809  | 525,720        | 35.50            |
| Bent        | 8,763   | 306,705        | 35.00            | 9,208   | 327,700        | 35.58            |
| Boulder     | 3,131   | 112,430        | 35.91            | 2,898   | 102,070        | 35.22            |
| Chaffee     | 3,217   | 112,730        | 35.04            | 3,209   | 112,885        | 35.15            |
| Cheyenne    | 10,884  | 380,940        | 35.00            | 11,084  | 388,130        | 35.02            |
| Clear Creek | 75      | 2,625          | 35.00            | 116     | 4,185          | 36.08            |
| Conejos     | 8,850   | 309,750        | 35.00            | 10,268  | 359,880        | 35.00            |
| Costilla    | 1,150   | 40,630         | 35.33            | 1,257   | 43,995         | 35.00            |
| Crowley     | 5,337   | 187,505        | 35.13            | 6,486   | 227,425        | 35.06            |
| Custer      | 3,415   | 119,525        | 35.00            | 3,898   | 136,430        | 35.00            |
| Delta       | 10,447  | 381,740        | 36.54            | 9,382   | 332,135        | 35.40            |
| Denver      | ---     | ---            | ---              | ---     | ---            | ---              |
| Dolores     | 1,981   | 69,385         | 35.02            | 1,754   | 67,450         | 38.46            |
| Douglas     | 7,967   | 278,845        | 35.00            | 8,660   | 306,080        | 35.34            |
| Eagle       | 9,292   | 325,325        | 35.01            | 9,481   | 331,835        | 35.00            |
| Elbert      | 7,091   | 251,182        | 35.42            | 7,959   | 280,368        | 35.23            |
| El Paso     | 12,208  | 433,370        | 35.50            | 12,453  | 441,460        | 35.46            |
| Fremont     | 1,260   | 44,100         | 35.00            | 1,061   | 37,150         | 35.00            |
| Garfield    | 9,622   | 337,070        | 35.03            | 15,445  | 540,770        | 35.00            |
| Gilpin      | 382     | 13,373         | 35.00            | 273     | 9,558          | 35.01            |
| Grand       | 6,042   | 215,330        | 35.64            | 5,915   | 220,375        | 37.26            |
| Gunnison    | 17,664  | 621,355        | 35.18            | 17,739  | 620,870        | 35.00            |
| Hinsdale    | 658     | 23,030         | 35.00            | 686     | 24,010         | 35.00            |
| Huerfano    | 10,175  | 356,125        | 35.00            | 8,489   | 297,142        | 35.00            |
| Jackson     | 19,016  | 804,660        | 42.31            | 16,477  | 576,690        | 35.00            |
| Jefferson   | 1,856   | 65,815         | 35.00            | 3,495   | 122,345        | 35.00            |
| Kiowa       | 9,623   | 341,735        | 35.51            | 10,295  | 360,335        | 35.00            |
| Kit Carson  | 8,817   | 338,475        | 38.39            | 9,513   | 332,935        | 35.00            |
| Lake        | 290     | 11,600         | 40.00            | 305     | 10,925         | 35.82            |
| La Plata    | 7,211   | 252,425        | 35.05            | 7,074   | 251,650        | 35.57            |
| Larimer     | 11,576  | 405,160        | 35.00            | 11,872  | 415,520        | 35.00            |
| Las Animas  | 27,360  | 957,722        | 35.00            | 25,270  | 908,730        | 35.96            |
| Lincoln     | 10,664  | 374,200        | 35.09            | 14,039  | 492,775        | 35.10            |
| Logan       | 7,092   | 257,510        | 36.31            | 12,167  | 427,820        | 35.16            |
| Mesa        | 14,277  | 500,120        | 35.00            | 16,231  | 580,930        | 35.78            |
| Mineral     | 639     | 22,365         | 36.00            | 719     | 25,165         | 35.00            |
| Moffat      | 7,059   | 252,035        | 35.70            | 6,860   | 243,410        | 35.48            |
| Montezuma   | 4,595   | 161,795        | 35.21            | 4,525   | 159,840        | 35.32            |
| Montrose    | 9,325   | 326,375        | 35.00            | 9,280   | 324,807        | 35.00            |
| Morgan      | 3,412   | 122,830        | 36.00            | 2,743   | 100,060        | 36.48            |
| Otero       | 6,755   | 251,340        | 37.21            | 5,725   | 202,285        | 35.33            |
| Ouray       | 3,544   | 124,055        | 35.00            | 3,313   | 115,955        | 35.00            |
| Park        | 6,437   | 235,735        | 35.21            | 6,131   | 220,140        | 35.91            |
| Phillips    | 1,227   | 43,140         | 35.16            | 1,436   | 50,260         | 35.00            |
| Pitkin      | 1,719   | 60,165         | 35.00            | 1,579   | 55,305         | 35.03            |
| Prowers     | 6,919   | 243,175        | 35.14            | 8,998   | 315,085        | 35.02            |
| Pueblo      | 12,962  | 458,800        | 35.01            | 12,268  | 429,710        | 35.00            |
| Rio Blanco  | 19,249  | 674,025        | 35.00            | 18,417  | 644,660        | 35.00            |
| Rio Grande  | 5,679   | 198,765        | 35.00            | 6,214   | 217,560        | 35.00            |
| Routt       | 12,880  | 450,800        | 35.00            | 15,617  | 546,620        | 35.00            |
| Saguache    | 17,458  | 611,035        | 35.00            | 16,345  | 571,990        | 35.00            |
| San Juan    | 130     | 4,550          | 35.00            | 142     | 4,970          | 35.00            |
| San Miguel  | 3,116   | 109,130        | 35.02            | 3,360   | 117,615        | 35.00            |
| Sedgwick    | 2,518   | 88,805         | 35.27            | 2,839   | 99,360         | 35.00            |
| Summit      | 1,071   | 37,485         | 35.00            | 1,500   | 52,500         | 35.00            |
| Teller      | 2,235   | 80,600         | 36.06            | 2,596   | 91,540         | 35.26            |
| Washington  | 8,244   | 296,550        | 35.97            | 13,832  | 500,380        | 36.17            |
| Weld        | 16,987  | 600,510        | 35.35            | 12,101  | 423,580        | 35.00            |
| Yuma        | 9,998   | 354,170        | 35.43            | 15,431  | 540,085        | 35.00            |
| State       | 457,149 | \$16,296,697   | \$35.68          | 479,480 | \$16,921,877   | \$35.29          |

STEERS (TWO YEARS OLD AND OVER)  
(From Reports of County Assessors to State Tax Commission)

| COUNTY      | 1929   |                |                  | 1930   |                |                  |
|-------------|--------|----------------|------------------|--------|----------------|------------------|
|             | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams       | ---    | ---            | ---              | ---    | ---            | ---              |
| Alamosa     | ---    | ---            | ---              | ---    | ---            | ---              |
| Arapahoe    | ---    | ---            | ---              | ---    | ---            | ---              |
| Archuleta   | 100    | \$ 4,500       | \$45.00          | ---    | ---            | ---              |
| Baca        | ---    | ---            | ---              | ---    | ---            | ---              |
| Bent        | ---    | ---            | ---              | ---    | ---            | ---              |
| Boulder     | 53     | 2,410          | 45.47            | 10     | \$ 430         | \$43.00          |
| Chaffee     | ---    | ---            | ---              | ---    | ---            | ---              |
| Cheyenne    | 39     | 1,755          | 45.00            | 3      | 135            | 45.00            |
| Clear Creek | 23     | 1,030          | 45.00            | 8      | 350            | 45.00            |
| Conejos     | ---    | ---            | ---              | ---    | ---            | ---              |
| Costilla    | ---    | ---            | ---              | ---    | ---            | ---              |
| Crowley     | 265    | 11,925         | 45.00            | ---    | ---            | ---              |
| Custer      | ---    | ---            | ---              | ---    | ---            | ---              |
| Delta       | ---    | ---            | ---              | ---    | ---            | ---              |
| Denver      | ---    | ---            | ---              | ---    | ---            | ---              |
| Dolores     | ---    | ---            | ---              | ---    | ---            | ---              |
| Douglas     | ---    | ---            | ---              | ---    | ---            | ---              |
| Eagle       | ---    | ---            | ---              | 200    | 9,000          | 45.00            |
| Elbert      | 71     | 3,195          | 45.00            | ---    | ---            | ---              |
| El Paso     | 285    | 12,950         | 45.44            | 312    | 14,040         | 45.00            |
| Fremont     | ---    | ---            | ---              | ---    | ---            | ---              |
| Garfield    | 45     | 2,100          | 46.07            | 203    | 9,105          | 45.00            |
| Gilpin      | ---    | ---            | ---              | ---    | ---            | ---              |
| Grand       | ---    | ---            | ---              | ---    | ---            | ---              |
| Gunnison    | 1      | 45             | 45.00            | 4      | 160            | 40.00            |
| Hinsdale    | ---    | ---            | ---              | ---    | ---            | ---              |
| Huerfano    | ---    | ---            | ---              | ---    | ---            | ---              |
| Jackson     | ---    | ---            | ---              | ---    | ---            | ---              |
| Jefferson   | 1,137  | 51,180         | 45.00            | 720    | 32,440         | 45.05            |
| Kiowa       | ---    | ---            | ---              | ---    | ---            | ---              |
| Kit Carson  | 388    | 17,460         | 45.00            | 201    | 9,070          | 45.12            |
| Lake        | ---    | ---            | ---              | ---    | ---            | ---              |
| La Plata    | ---    | ---            | ---              | ---    | ---            | ---              |
| Larimer     | ---    | ---            | ---              | ---    | ---            | ---              |
| Las Animas  | 984    | 44,280         | 45.00            | 3,462  | 155,783        | 45.00            |
| Lincoln     | ---    | ---            | ---              | ---    | ---            | ---              |
| Logan       | ---    | ---            | ---              | ---    | ---            | ---              |
| Mesa        | ---    | ---            | ---              | ---    | ---            | ---              |
| Mineral     | 1      | 45             | 45.00            | ---    | ---            | ---              |
| Moffat      | 56     | 2,570          | 45.89            | 43     | 2,055          | 47.79            |
| Montezuma   | ---    | ---            | ---              | ---    | ---            | ---              |
| Montrose    | ---    | ---            | ---              | ---    | ---            | ---              |
| Morgan      | ---    | ---            | ---              | ---    | ---            | ---              |
| Otero       | ---    | ---            | ---              | ---    | ---            | ---              |
| Ouray       | ---    | ---            | ---              | ---    | ---            | ---              |
| Park        | 92     | 4,110          | 45.00            | ---    | ---            | ---              |
| Phillips    | 358    | 16,120         | 45.03            | 342    | 15,390         | 45.00            |
| Pitkin      | 1,138  | 51,205         | 45.00            | 110    | 5,035          | 45.77            |
| Prowers     | 587    | 26,470         | 45.09            | ---    | ---            | ---              |
| Pueblo      | 203    | 9,130          | 45.00            | 36     | 1,750          | 48.60            |
| Rio Blanco  | ---    | ---            | ---              | ---    | ---            | ---              |
| Rio Grande  | ---    | ---            | ---              | ---    | ---            | ---              |
| Routt       | 111    | 5,000          | 45.05            | 248    | 11,160         | 45.00            |
| Saguache    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Juan    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Miguel  | ---    | ---            | ---              | ---    | ---            | ---              |
| Sedgwick    | 102    | 4,590          | 45.00            | 275    | 9,625          | 35.00            |
| Summit      | ---    | ---            | ---              | ---    | ---            | ---              |
| Teller      | 129    | 5,810          | 45.04            | 389    | 13,935         | 35.82            |
| Washington  | ---    | ---            | ---              | ---    | ---            | ---              |
| Weld        | 89     | 4,040          | 45.39            | 52     | 2,290          | 44.04            |
| Yuma        | 4,807  | 241,460        | 50.23            | ---    | ---            | ---              |
| State       | 11,064 | \$523,380      | \$47.31          | 6,618  | \$291,753      | \$44.01          |

**STEERS (ONE TO TWO YEARS OLD)**  
(From Reports of County Assessors to the State Tax Commission)

| COUNTY      | 1929   |                |                  | 1930   |                |                  |
|-------------|--------|----------------|------------------|--------|----------------|------------------|
|             | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams       | ---    | ---            | ---              | ---    | ---            | ---              |
| Alamosa     | ---    | ---            | ---              | ---    | ---            | ---              |
| Arapahoe    | 1,064  | \$ 37,240      | \$35.00          | ---    | ---            | ---              |
| Archuleta   | ---    | ---            | ---              | ---    | ---            | ---              |
| Baca        | ---    | ---            | ---              | ---    | ---            | ---              |
| Bent        | ---    | ---            | ---              | ---    | ---            | ---              |
| Boulder     | 550    | 19,740         | 35.89            | 275    | \$ 9,770       | \$35.58          |
| Chaffee     | ---    | ---            | ---              | ---    | ---            | ---              |
| Cheyenne    | 623    | 21,805         | 35.00            | 2,330  | 81,535         | 35.00            |
| Clear Creek | 100    | 3,500          | 35.00            | 30     | 1,015          | 35.00            |
| Conejos     | ---    | ---            | ---              | ---    | ---            | ---              |
| Costilla    | 150    | 5,250          | 35.00            | 130    | 5,250          | 35.00            |
| Crowley     | 1,600  | 56,000         | 35.00            | ---    | ---            | ---              |
| Custer      | ---    | ---            | ---              | ---    | ---            | ---              |
| Delta       | ---    | ---            | ---              | ---    | ---            | ---              |
| Denver      | ---    | ---            | ---              | ---    | ---            | ---              |
| Dolores     | ---    | ---            | ---              | 125    | 4,385          | 35.08            |
| Douglas     | 911    | 31,885         | 35.00            | 308    | 10,885         | 35.34            |
| Eagle       | ---    | ---            | ---              | ---    | ---            | ---              |
| Elbert      | 1,517  | 53,499         | 35.27            | 2,070  | 72,925         | 35.23            |
| El Paso     | 974    | 34,080         | 35.00            | 897    | 31,410         | 35.00            |
| Fremont     | 466    | 16,310         | 35.00            | 4,631  | 162,085        | 35.00            |
| Garfield    | 3,834  | 134,300        | 35.03            | 894    | 33,120         | 36.05            |
| Gilpin      | ---    | ---            | ---              | ---    | ---            | ---              |
| Grand       | ---    | ---            | ---              | ---    | ---            | ---              |
| Gunnison    | 182    | 6,370          | 35.00            | 725    | 25,425         | 35.07            |
| Hinsdale    | 94     | 3,760          | 40.00            | 92     | 3,220          | 35.00            |
| Huerfano    | ---    | ---            | ---              | ---    | ---            | ---              |
| Jackson     | ---    | ---            | ---              | 610    | 21,350         | 35.00            |
| Jefferson   | ---    | ---            | ---              | 929    | 32,620         | 35.11            |
| Kiowa       | ---    | ---            | ---              | ---    | ---            | ---              |
| Kit Carson  | 2,772  | 97,020         | 35.00            | 783    | 27,415         | 35.00            |
| Lake        | ---    | ---            | ---              | ---    | ---            | ---              |
| La Plata    | ---    | ---            | ---              | ---    | ---            | ---              |
| Larimer     | 634    | 22,190         | 35.00            | 1,448  | 50,680         | 35.00            |
| Las Animas  | 248    | 8,679          | 35.00            | 5,734  | 200,698        | 35.00            |
| Lincoln     | 3,206  | 112,240        | 35.01            | 1,790  | 63,190         | 35.30            |
| Logan       | ---    | ---            | ---              | ---    | ---            | ---              |
| Mesa        | 5,460  | 191,100        | 35.00            | 4,540  | 159,040        | 35.03            |
| Mineral     | 485    | 16,975         | 35.00            | 518    | 18,130         | 35.00            |
| Moffat      | 680    | 24,045         | 35.36            | 808    | 28,280         | 35.00            |
| Montezuma   | ---    | ---            | ---              | ---    | ---            | ---              |
| Montrose    | ---    | ---            | ---              | ---    | ---            | ---              |
| Morgan      | ---    | ---            | ---              | ---    | ---            | ---              |
| Otero       | ---    | ---            | ---              | 244    | 10,595         | 43.42            |
| Ouray       | ---    | ---            | ---              | ---    | ---            | ---              |
| Park        | 1,472  | 58,880         | 40.00            | 1,120  | 39,200         | 35.00            |
| Phillips    | 283    | 9,890          | 35.00            | 412    | 14,440         | 35.00            |
| Pitkin      | ---    | ---            | ---              | 1,161  | 41,615         | 35.84            |
| Frowers     | ---    | ---            | ---              | ---    | ---            | ---              |
| Pueblo      | 1,139  | 39,910         | 35.04            | 1,896  | 69,840         | 36.84            |
| Rio Blanco  | ---    | ---            | ---              | ---    | ---            | ---              |
| Rio Grande  | ---    | ---            | ---              | ---    | ---            | ---              |
| Routt       | 2,866  | 100,310        | 35.00            | 4,485  | 156,980        | 35.00            |
| Saguache    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Juan    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Miguel  | ---    | ---            | ---              | ---    | ---            | ---              |
| Sedgwick    | 489    | 17,140         | 35.05            | ---    | ---            | ---              |
| Summit      | 772    | 27,020         | 35.00            | 700    | 24,500         | 35.00            |
| Teller      | 271    | 9,490          | 35.02            | 482    | 17,035         | 35.34            |
| Washington  | ---    | ---            | ---              | ---    | ---            | ---              |
| Weld        | 1,378  | 48,230         | 35.00            | 981    | 35,210         | 35.89            |
| Yuma        | 3,655  | 149,560        | 40.92            | 2,508  | 87,780         | 35.00            |
| State       | 37,875 | \$1,356,418    | \$35.81          | 43,656 | \$1,539,623    | \$35.27          |



**RANGE BULLS**  
(From Reports of County Assessors to the State Tax Commission)

| COUNTY      | REGISTERED OR ELIGIBLE |                |                  | COMMON |                |                  |        |                |                  |
|-------------|------------------------|----------------|------------------|--------|----------------|------------------|--------|----------------|------------------|
|             | 1930                   |                |                  | 1929   |                |                  | 1930   |                |                  |
|             | Number                 | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams       | ---                    | ---            | ---              | ---    | ---            | ---              | ---    | ---            | ---              |
| Alamosa     | ---                    | ---            | ---              | 220    | \$ 13,200      | \$60.00          | 225    | \$ 13,500      | \$60.00          |
| Arapahoe    | ---                    | ---            | ---              | 100    | 6,770          | 67.70            | 185    | 12,445         | 67.27            |
| Archuleta   | 70                     | \$ 7,000       | \$100.00         | 80     | 4,800          | 60.00            | 10     | 600            | 60.00            |
| Baca        | 142                    | 14,200         | 100.00           | 209    | 13,167         | 63.00            | 236    | 17,446         | 61.00            |
| Bent        | 15                     | 1,500          | 100.00           | 305    | 18,300         | 60.00            | 360    | 21,600         | 60.00            |
| Boulder     | ---                    | ---            | ---              | 199    | 12,480         | 62.71            | 214    | 12,890         | 60.23            |
| Chaffee     | 120                    | 12,000         | 100.00           | 149    | 9,005          | 60.44            | 41     | 2,460          | 60.00            |
| Cheyenne    | ---                    | ---            | ---              | 227    | 13,620         | 60.00            | 210    | 12,630         | 60.14            |
| Clear Creek | ---                    | ---            | ---              | 8      | 480            | 60.00            | 6      | 415            | 69.17            |
| Conejos     | 102                    | 10,200         | 100.00           | 159    | 9,585          | 60.29            | ---    | ---            | ---              |
| Costilla    | ---                    | ---            | ---              | 30     | 1,800          | 60.00            | 34     | 2,385          | 70.20            |
| Crowley     | 100                    | 10,000         | 100.00           | 79     | 4,740          | 60.00            | 88     | 5,930          | 67.39            |
| Custer      | 51                     | 5,100          | 100.00           | 37     | 2,220          | 60.00            | 79     | 4,740          | 60.00            |
| Delta       | 79                     | 7,930          | 100.38           | 360    | 21,600         | 60.00            | 360    | 21,600         | 60.00            |
| Denver      | ---                    | ---            | ---              | ---    | ---            | ---              | ---    | ---            | ---              |
| Dolores     | ---                    | ---            | ---              | 44     | 2,640          | 60.00            | 53     | 3,132          | 60.00            |
| Douglas     | 37                     | 3,700          | 100.00           | 226    | 13,530         | 60.00            | 206    | 12,410         | 60.24            |
| Eagle       | 289                    | 28,900         | 100.00           | 40     | 2,775          | 69.38            | 28     | 1,825          | 65.18            |
| Elbert      | 182                    | 18,600         | 102.20           | 346    | 20,760         | 60.00            | 319    | 19,510         | 61.16            |
| El Paso     | 78                     | 9,440          | 121.00           | 260    | 15,800         | 60.77            | 364    | 22,180         | 61.00            |
| Fremont     | 37                     | 3,700          | 100.00           | 143    | 8,580          | 60.00            | 110    | 6,600          | 60.00            |
| Garfield    | 659                    | 65,900         | 100.00           | 529    | 32,265         | 61.00            | ---    | ---            | ---              |
| Gilpin      | 2                      | 300            | 150.00           | 7      | 460            | 65.71            | ---    | ---            | ---              |
| Grand       | ---                    | ---            | ---              | 300    | 18,915         | 63.05            | 300    | 29,200         | 97.33            |
| Gunnison    | 466                    | 47,640         | 102.23           | 375    | 22,500         | 60.00            | 316    | 18,990         | 60.09            |
| Hinsdale    | 38                     | 3,800          | 100.00           | 49     | 2,940          | 60.00            | 8      | 480            | 60.00            |
| Huerfano    | ---                    | ---            | ---              | 182    | 10,925         | 60.00            | 192    | 11,855         | 61.74            |
| Jackson     | 447                    | 45,200         | 111.12           | 178    | 13,700         | 76.98            | 177    | 14,160         | 80.00            |
| Jefferson   | 15                     | 2,000          | 133.33           | 293    | 17,690         | 60.37            | 156    | 9,395          | 60.00            |
| Kiowa       | ---                    | ---            | ---              | 122    | 7,320          | 60.00            | 175    | 10,500         | 60.00            |
| Kit Carson  | 172                    | 17,285         | 100.50           | 384    | 23,040         | 60.00            | 336    | 20,210         | 60.15            |
| Lake        | ---                    | ---            | ---              | ---    | ---            | ---              | ---    | ---            | ---              |
| La Plata    | ---                    | ---            | ---              | 163    | 9,780          | 60.00            | 211    | 12,675         | 60.00            |
| Larimer     | ---                    | ---            | ---              | 427    | 25,620         | 60.00            | 543    | 32,580         | 60.00            |
| Las Animas  | ---                    | ---            | ---              | 401    | 25,286         | 63.06            | 630    | 37,870         | 60.00            |
| Lincoln     | 162                    | 16,200         | 100.00           | 561    | 33,670         | 60.02            | 746    | 44,760         | 60.00            |
| Logan       | 261                    | 26,100         | 100.00           | 212    | 12,720         | 60.00            | 412    | 24,720         | 60.00            |
| Mesa        | ---                    | ---            | ---              | ---    | ---            | ---              | ---    | ---            | ---              |
| Mineral     | 16                     | 1,600          | 100.00           | 16     | 1,020          | 63.75            | 7      | 420            | 60.00            |
| Moffat      | 122                    | 12,200         | 100.00           | 331    | 20,440         | 61.75            | 205    | 12,385         | 60.41            |
| Montezuma   | ---                    | ---            | ---              | ---    | ---            | ---              | 50     | 3,000          | 60.00            |
| Montrose    | ---                    | ---            | ---              | 415    | 24,900         | 60.00            | 473    | 33,250         | 70.30            |
| Morgan      | ---                    | ---            | ---              | 154    | 9,240          | 60.00            | 152    | 9,120          | 60.00            |
| Otero       | 163                    | 16,390         | 100.55           | 24     | 2,390          | 99.59            | ---    | ---            | ---              |
| Ouray       | 13                     | 1,300          | 100.00           | 155    | 9,300          | 60.00            | 154    | 9,240          | 60.00            |
| Park        | ---                    | ---            | ---              | 271    | 16,260         | 60.00            | 266    | 16,350         | 61.47            |
| Phillips    | ---                    | ---            | ---              | 93     | 5,680          | 61.08            | 99     | 5,940          | 60.00            |
| Pitkin      | 134                    | 13,400         | 100.00           | 141    | 10,575         | 75.00            | ---    | ---            | ---              |
| Prowers     | ---                    | ---            | ---              | 177    | 11,615         | 65.65            | 302    | 19,800         | 65.56            |
| Pueblo      | 32                     | 3,525          | 110.15           | 360    | 22,365         | 62.13            | 328    | 19,695         | 60.05            |
| Rio Blanco  | ---                    | ---            | ---              | 685    | 41,100         | 60.00            | 707    | 43,420         | 61.41            |
| Rio Grande  | ---                    | ---            | ---              | 79     | 4,740          | 60.00            | 127    | 8,750          | 63.87            |
| Routt       | 700                    | 70,000         | 100.00           | 556    | 44,480         | 80.00            | 323    | 19,380         | 60.00            |
| Saguache    | ---                    | ---            | ---              | 537    | 32,220         | 60.00            | 600    | 36,000         | 60.00            |
| San Juan    | ---                    | ---            | ---              | 2      | 120            | 60.00            | 1      | 60             | 60.00            |
| San Miguel  | 12                     | 1,200          | 100.00           | 133    | 7,980          | 60.00            | 109    | 6,550          | 60.00            |
| Sedgwick    | 51                     | 5,100          | 100.00           | 135    | 8,110          | 60.68            | 99     | 5,965          | 60.25            |
| Summit      | ---                    | ---            | ---              | 62     | 3,720          | 60.00            | 73     | 4,380          | 60.00            |
| Teller      | ---                    | ---            | ---              | 61     | 3,870          | 63.44            | 106    | 6,760          | 63.78            |
| Washington  | ---                    | ---            | ---              | 186    | 11,425         | 61.42            | 403    | 26,785         | 66.46            |
| Weld        | 200                    | 20,000         | 100.00           | 636    | 40,610         | 63.85            | 140    | 9,270          | 66.21            |
| Yuma        | ---                    | ---            | ---              | 96     | 6,090          | 63.50            | 677    | 40,650         | 60.05            |
| State       | 4,967                  | \$501,410      | \$100.95         | 12,709 | \$790,933      | \$62.24          | 12,781 | \$798,863      | \$62.50          |

**ALL OTHER PURE BRED AND REGISTERED CATTLE**  
 (From Reports of County Assessors to the State Tax Commission)

| COUNTY      | 1929   |                |                  | 1930   |                |                  |
|-------------|--------|----------------|------------------|--------|----------------|------------------|
|             | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams       | 50     | \$ 4,750       | \$95.00          | 77     | \$ 6,820       | \$88.58          |
| Alamosa     | ---    | ---            | ---              | ---    | ---            | ---              |
| Arapahoe    | ---    | ---            | ---              | ---    | ---            | ---              |
| Archuleta   | 41     | 2,100          | 51.22            | 35     | 1,925          | 55.00            |
| Baca        | 225    | 15,489         | 68.84            | 165    | 8,415          | 51.00            |
| Bent        | ---    | ---            | ---              | ---    | ---            | ---              |
| Boulder     | ---    | ---            | ---              | ---    | ---            | ---              |
| Chaffee     | ---    | ---            | ---              | ---    | ---            | ---              |
| Cheyenne    | 239    | 20,315         | 85.00            | 249    | 22,840         | 91.73            |
| Clear Creek | ---    | ---            | ---              | ---    | ---            | ---              |
| Conejos     | ---    | ---            | ---              | ---    | ---            | ---              |
| Costilla    | ---    | ---            | ---              | ---    | ---            | ---              |
| Crowley     | 75     | 7,500          | 100.00           | ---    | ---            | ---              |
| Custer      | 108    | 5,880          | 54.44            | 100    | 5,000          | 50.00            |
| Delta       | 223    | 11,100         | 49.77            | 187    | 18,700         | 100.00           |
| Denver      | ---    | ---            | ---              | ---    | ---            | ---              |
| Dolores     | ---    | ---            | ---              | ---    | ---            | ---              |
| Douglas     | 815    | 74,480         | 91.39            | 733    | 70,465         | 95.48            |
| Eagle       | 1,049  | 86,750         | 82.70            | 665    | 51,060         | 76.78            |
| Elbert      | 1,076  | 65,512         | 60.88            | 530    | 30,560         | 52.68            |
| El Paso     | 616    | 51,740         | 84.00            | 606    | 49,380         | 81.50            |
| Fremont     | 102    | 8,190          | 80.30            | 90     | 7,200          | 80.00            |
| Garfield    | 95     | 7,125          | 75.00            | 95     | 7,125          | 75.00            |
| Gilpin      | ---    | ---            | ---              | ---    | ---            | ---              |
| Grand       | 226    | 22,115         | 97.85            | 420    | 30,615         | 72.89            |
| Gunnison    | 434    | 52,070         | 120.00           | 57     | 5,625          | 98.68            |
| Hinsdale    | ---    | ---            | ---              | ---    | ---            | ---              |
| Huerfano    | 235    | 26,270         | 111.79           | 209    | 21,540         | 103.06           |
| Jackson     | 510    | 53,130         | 104.13           | ---    | ---            | ---              |
| Jefferson   | 283    | 20,470         | 72.33            | 170    | 18,055         | 106.20           |
| Kiowa       | ---    | ---            | ---              | ---    | ---            | ---              |
| Kit Carson  | 35     | 2,520          | 72.00            | ---    | ---            | ---              |
| Lake        | 5      | 500            | 100.00           | 11     | 1,060          | 96.36            |
| La Plata    | 130    | 9,750          | 75.00            | 78     | 5,165          | 66.21            |
| Larimer     | 46     | 5,160          | 112.17           | 55     | 5,130          | 93.27            |
| Las Animas  | ---    | ---            | ---              | ---    | ---            | ---              |
| Lincoln     | ---    | ---            | ---              | ---    | ---            | ---              |
| Logan       | 60     | 8,400          | 140.00           | ---    | ---            | ---              |
| Mesa        | 250    | 15,000         | 60.00            | 257    | 25,710         | 100.00           |
| Mineral     | 6      | 900            | 150.00           | 6      | 900            | 150.00           |
| Moffat      | ---    | ---            | ---              | ---    | ---            | ---              |
| Montezuma   | ---    | ---            | ---              | ---    | ---            | ---              |
| Montrose    | ---    | ---            | ---              | ---    | ---            | ---              |
| Morgan      | 6      | 1,200          | 200.00           | 10     | 1,500          | 150.00           |
| Otero       | ---    | ---            | ---              | 108    | 6,075          | 56.25            |
| Ouray       | 10     | 1,225          | 122.50           | ---    | ---            | ---              |
| Park        | 247    | 12,560         | 50.85            | 229    | 11,940         | 52.14            |
| Phillips    | 86     | 3,975          | 46.22            | 78     | 3,885          | 50.00            |
| Pitkin      | ---    | ---            | ---              | ---    | ---            | ---              |
| Prowers     | 104    | 5,655          | 54.38            | ---    | ---            | ---              |
| Pueblo      | 128    | 12,550         | 98.05            | 119    | 13,460         | 113.10           |
| Rio Blanco  | ---    | ---            | ---              | ---    | ---            | ---              |
| Rio Grande  | ---    | ---            | ---              | ---    | ---            | ---              |
| Routt       | 963    | 43,340         | 45.01            | 436    | 30,510         | 70.00            |
| Saguache    | 449    | 27,590         | 61.45            | 298    | 17,880         | 60.00            |
| San Juan    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Miguel  | 33     | 2,480          | 75.15            | ---    | ---            | ---              |
| Sedgwick    | 84     | 5,190          | 61.79            | 132    | 6,120          | 46.37            |
| Summit      | ---    | ---            | ---              | ---    | ---            | ---              |
| Teller      | 46     | 2,980          | 64.78            | 70     | 4,780          | 69.00            |
| Washington  | ---    | ---            | ---              | ---    | ---            | ---              |
| Weld        | 514    | 36,470         | 70.95            | 847    | 55,090         | 65.04            |
| Yuma        | 302    | 20,900         | 69.21            | 62     | 6,200          | 100.00           |
| State       | 9,906  | \$753,331      | \$76.02          | 7,239  | \$550,730      | \$75.56          |

CATTLE FED IN TRANSIT  
(From Reports of County Assessors to the State Tax Commission)

| COUNTY      | 1929    |                |                  | 1930    |                |                  |
|-------------|---------|----------------|------------------|---------|----------------|------------------|
|             | Number  | Assessed Value | Average Per Head | Number  | Assessed Value | Average Per Head |
| Adams       | 551     | \$ 8,160       | \$14.81          | 974     | \$ 8,690       | \$ 8.92          |
| Alamosa     | -----   | -----          | -----            | -----   | -----          | -----            |
| Arapahoe    | -----   | -----          | -----            | -----   | -----          | -----            |
| Archuleta   | -----   | -----          | -----            | -----   | -----          | -----            |
| Baca        | -----   | -----          | -----            | -----   | -----          | -----            |
| Bent        | 1,145   | 6,560          | 5.73             | 861     | 1,370          | 1.59             |
| Boulder     | 10,043  | 127,630        | 12.71            | 9,288   | 96,600         | 10.40            |
| Chaffee     | -----   | -----          | -----            | -----   | -----          | -----            |
| Cheyenne    | -----   | -----          | -----            | -----   | -----          | -----            |
| Clear Creek | -----   | -----          | -----            | -----   | -----          | -----            |
| Conejos     | -----   | -----          | -----            | -----   | -----          | -----            |
| Costilla    | -----   | -----          | -----            | -----   | -----          | -----            |
| Crowley     | 3,186   | 52,410         | 16.45            | 2,094   | 35,480         | 16.94            |
| Custer      | -----   | -----          | -----            | -----   | -----          | -----            |
| Delta       | 1,686   | 45,595         | 27.04            | 1,844   | 43,780         | 23.74            |
| Denver      | -----   | -----          | -----            | -----   | -----          | -----            |
| Dolores     | -----   | -----          | -----            | -----   | -----          | -----            |
| Douglas     | -----   | -----          | -----            | -----   | -----          | -----            |
| Eagle       | -----   | -----          | -----            | -----   | -----          | -----            |
| Elbert      | -----   | -----          | -----            | -----   | -----          | -----            |
| El Paso     | -----   | -----          | -----            | -----   | -----          | -----            |
| Freemont    | -----   | -----          | -----            | -----   | -----          | -----            |
| Garfield    | -----   | -----          | -----            | -----   | -----          | -----            |
| Gilpin      | 94      | 1,100          | 11.70            | -----   | -----          | -----            |
| Grand       | -----   | -----          | -----            | 400     | 4,600          | 11.50            |
| Gunnison    | -----   | -----          | -----            | -----   | -----          | -----            |
| Hinsdale    | 3,464   | 20,784         | 6.00             | 3,575   | 17,875         | 5.00             |
| Huerfano    | -----   | -----          | -----            | -----   | -----          | -----            |
| Jackson     | -----   | -----          | -----            | -----   | -----          | -----            |
| Jefferson   | 1,144   | 22,640         | 19.79            | -----   | -----          | -----            |
| Kiowa       | -----   | -----          | -----            | -----   | -----          | -----            |
| Kit Carson  | -----   | -----          | -----            | -----   | -----          | -----            |
| Lake        | -----   | -----          | -----            | -----   | -----          | -----            |
| La Plata    | -----   | -----          | -----            | -----   | -----          | -----            |
| Larimer     | 14,937  | 228,860        | 15.32            | 14,840  | 182,080        | 12.27            |
| Las Animas  | -----   | -----          | -----            | -----   | -----          | -----            |
| Lincoln     | -----   | -----          | -----            | -----   | -----          | -----            |
| Logan       | 18,006  | 220,755        | 12.26            | 15,678  | 161,475        | 10.30            |
| Mesa        | -----   | -----          | -----            | -----   | -----          | -----            |
| Mineral     | -----   | -----          | -----            | -----   | -----          | -----            |
| Moffat      | -----   | -----          | -----            | -----   | -----          | -----            |
| Montezuma   | -----   | -----          | -----            | -----   | -----          | -----            |
| Montrose    | -----   | -----          | -----            | -----   | -----          | -----            |
| Morgan      | 24,499  | 299,770        | 12.24            | 15,519  | 183,520        | 11.85            |
| Otero       | 7,146   | 132,680        | 18.57            | 12,204  | 136,665        | 11.20            |
| Ouray       | -----   | -----          | -----            | -----   | -----          | -----            |
| Park        | -----   | -----          | -----            | -----   | -----          | -----            |
| Phillips    | -----   | -----          | -----            | -----   | -----          | -----            |
| Pitkin      | -----   | -----          | -----            | -----   | -----          | -----            |
| Provers     | -----   | -----          | -----            | 701     | 5,199          | 7.42             |
| Pueblo      | 500     | 4,500          | 9.00             | 125     | 750            | 6.00             |
| Rio Blanco  | -----   | -----          | -----            | -----   | -----          | -----            |
| Rio Grande  | -----   | -----          | -----            | -----   | -----          | -----            |
| Routt       | -----   | -----          | -----            | -----   | -----          | -----            |
| Saguache    | -----   | -----          | -----            | -----   | -----          | -----            |
| San Juan    | -----   | -----          | -----            | -----   | -----          | -----            |
| San Miguel  | -----   | -----          | -----            | -----   | -----          | -----            |
| Sedgwick    | 5,474   | 73,435         | 13.42            | 5,695   | 64,920         | 11.40            |
| Summit      | -----   | -----          | -----            | -----   | -----          | -----            |
| Teller      | -----   | -----          | -----            | -----   | -----          | -----            |
| Washington  | 411     | 6,880          | 16.74            | 1,719   | 9,655          | 5.62             |
| Weld        | 34,405  | 574,320        | 16.69            | 36,800  | 300,360        | 8.16             |
| Yuma        | 809     | 12,980         | 16.05            | 1,506   | 21,070         | 13.99            |
| State       | 127,500 | \$1,839,059    | \$14.43          | 123,823 | \$1,274,389    | \$10.29          |



## SHEEP

(From Reports of County Assessors to the State Tax Commission)

| COUNTY      | 1929              |                |                  |         |                |                  |
|-------------|-------------------|----------------|------------------|---------|----------------|------------------|
|             | BROKEN MOUTH EWES |                |                  | NAVAJOS |                |                  |
|             | Number            | Assessed Value | Average Per Head | Number  | Assessed Value | Average Per Head |
| Adams       | ----              | -----          | ----             | ----    | -----          | ----             |
| Alamosa     | ----              | -----          | ----             | ----    | -----          | ----             |
| Arapahoe    | ----              | -----          | ----             | ----    | -----          | ----             |
| Archuleta   | ----              | -----          | ----             | ----    | -----          | ----             |
| Baca        | ----              | -----          | ----             | ----    | -----          | ----             |
| Bent        | 3,740             | \$ 11,220      | \$ 3.00          | 1,871   | \$ 9,355       | \$ 5.00          |
| Boulder     | 700               | 2,100          | 3.00             | ----    | -----          | ----             |
| Chaffee     | ----              | -----          | ----             | ----    | -----          | ----             |
| Cheyenne    | 825               | 2,354          | 2.85             | ----    | -----          | ----             |
| Clear Creek | ----              | -----          | ----             | 166     | 830            | 5.00             |
| Conejos     | 2,610             | 7,830          | 3.00             | ----    | -----          | ----             |
| Costilla    | 994               | 2,985          | 3.00             | ----    | -----          | ----             |
| Crowley     | 2,900             | 13,620         | 4.70             | ----    | -----          | ----             |
| Custer      | 600               | 1,700          | 2.66             | ----    | -----          | ----             |
| Delta       | 850               | 4,250          | 5.00             | ----    | -----          | ----             |
| Denver      | ----              | -----          | ----             | ----    | -----          | ----             |
| Dolores     | 1,590             | 4,850          | 3.05             | 2,103   | 10,990         | 5.22             |
| Douglas     | ----              | -----          | ----             | ----    | -----          | ----             |
| Eagle       | ----              | -----          | ----             | ----    | -----          | ----             |
| Elbert      | 6,037             | 27,392         | 4.54             | ----    | -----          | ----             |
| El Paso     | 312               | 950            | 3.05             | 613     | 3,100          | 5.06             |
| Fremont     | 800               | 1,825          | 2.28             | ----    | -----          | ----             |
| Garfield    | ----              | -----          | ----             | ----    | -----          | ----             |
| Gilpin      | ----              | -----          | ----             | ----    | -----          | ----             |
| Grand       | 1,936             | 9,235          | 4.77             | ----    | -----          | ----             |
| Gunnison    | 3,628             | 19,175         | 5.29             | ----    | -----          | ----             |
| Hinsdale    | 805               | 1,705          | 2.12             | 350     | 1,050          | 3.00             |
| Huerfano    | 3,770             | 13,195         | 3.50             | ----    | -----          | ----             |
| Jackson     | 7,050             | 21,150         | 3.00             | ----    | -----          | ----             |
| Jefferson   | 1,479             | 5,130          | 3.46             | ----    | -----          | ----             |
| Kiowa       | 3,535             | 10,605         | 3.00             | ----    | -----          | ----             |
| Kit Carson  | 488               | 1,464          | 3.00             | ----    | -----          | ----             |
| Lake        | 6                 | 40             | 6.66             | ----    | -----          | ----             |
| La Plata    | 12,248            | 39,490         | 3.22             | 11,452  | 59,305         | 5.18             |
| Larimer     | 2,328             | 5,320          | 2.50             | ----    | -----          | ----             |
| Las Animas  | 5,000             | 26,540         | 5.31             | ----    | -----          | ----             |
| Lincoln     | 700               | 2,100          | 3.00             | ----    | -----          | ----             |
| Logan       | 3,000             | 9,000          | 3.00             | ----    | -----          | ----             |
| Mesa        | 2,213             | 7,500          | 3.39             | ----    | -----          | ----             |
| Mineral     | 650               | 2,040          | 3.00             | ----    | -----          | ----             |
| Moffat      | 29,993            | 132,960        | 4.43             | ----    | -----          | ----             |
| Montezuma   | 4,896             | 21,745         | 4.44             | 7,199   | 27,055         | 3.76             |
| Montrose    | 12,219            | 36,660         | 3.00             | ----    | -----          | ----             |
| Morgan      | 1,050             | 3,150          | 3.00             | ----    | -----          | ----             |
| Otero       | 3,031             | 20,334         | 2.52             | ----    | -----          | ----             |
| Ouray       | 800               | 2,400          | 3.00             | 560     | 2,240          | 4.00             |
| Park        | 2,207             | 12,230         | 5.54             | ----    | -----          | ----             |
| Phillips    | ----              | -----          | ----             | ----    | -----          | ----             |
| Pitkin      | 402               | 2,985          | 7.43             | ----    | -----          | ----             |
| Prowers     | 16,740            | 47,371         | 2.83             | 545     | 1,920          | 3.52             |
| Pueblo      | 1,912             | 5,465          | 2.86             | ----    | -----          | ----             |
| Rio Blanco  | ----              | -----          | ----             | ----    | -----          | ----             |
| Rio Grande  | 11,453            | 32,000         | 2.79             | 2,340   | 11,700         | 5.00             |
| Routt       | 16,106            | 80,530         | 5.00             | ----    | -----          | ----             |
| Saguache    | 2,608             | 7,824          | 2.00             | 1,182   | 5,910          | 5.00             |
| San Juan    | 88                | 264            | 3.00             | 653     | 2,695          | 4.13             |
| San Miguel  | 1,178             | 4,335          | 3.63             | 1,183   | 5,065          | 4.23             |
| Sedgwick    | 40                | 120            | 3.00             | ----    | -----          | ----             |
| Summit      | ----              | -----          | ----             | ----    | -----          | ----             |
| Teller      | 125               | 870            | 6.96             | ----    | -----          | ----             |
| Washington  | 2,703             | 9,975          | 3.69             | ----    | -----          | ----             |
| Weld        | 3,929             | 11,790         | 3.00             | ----    | -----          | ----             |
| Yuma        | 2,523             | 10,090         | 4.00             | ----    | -----          | ----             |
| State       | 189,877           | \$698,863      | \$ 3.68          | 30,217  | \$141,215      | \$ 4.67          |

STOCK SHEEP (YEARLING AND OVER)  
(From Reports of County Assessors to State Tax Commission)

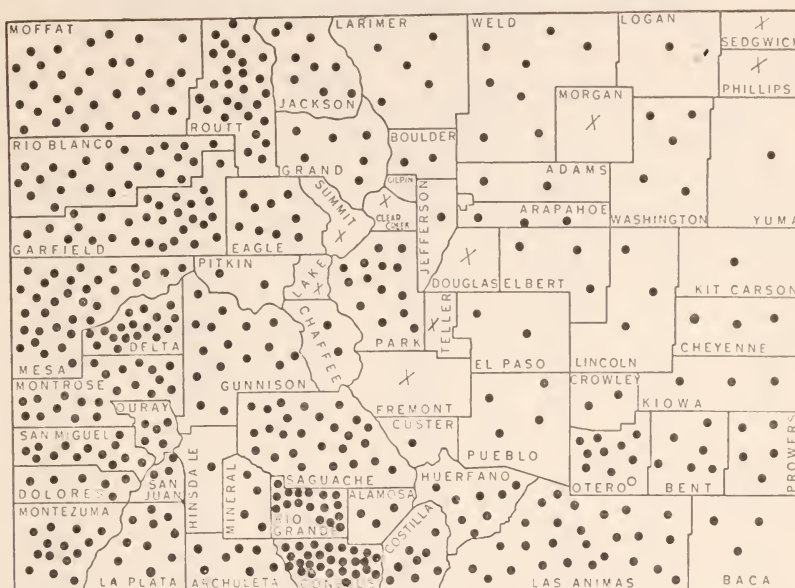
| COUNTY      | 1929      |                |                  | 1930      |                |                  |
|-------------|-----------|----------------|------------------|-----------|----------------|------------------|
|             | Number    | Assessed Value | Average Per Head | Number    | Assessed Value | Average Per Head |
| Adams       | 6,426     | \$ 51,410      | \$ 8.00          | 5,002     | \$ 27,500      | \$ 5.50          |
| Alamosa     | 9,225     | 74,045         | 8.03             | 8,472     | 51,920         | 6.12             |
| Arapahoe    | 8,426     | 67,410         | 8.00             | 7,843     | 43,415         | 5.53             |
| Archuleta   | 25,349    | 205,575        | 8.11             | 22,365    | 123,770        | 5.53             |
| Baca        | 7,138     | 57,104         | 8.00             | 7,560     | 41,580         | 5.50             |
| Bent        | 12,000    | 106,800        | 8.90             | 17,533    | 96,435         | 5.50             |
| Boulder     | 3,500     | 28,350         | 8.10             | 5,693     | 31,340         | 5.50             |
| Chaffee     | 5,075     | 41,520         | 8.18             | 6,154     | 34,165         | 5.55             |
| Cheyenne    | 6,907     | 55,256         | 8.00             | 10,414    | 57,435         | 5.52             |
| Clear Creek | 110       | 830            | 8.00             | 1,917     | 10,545         | 5.50             |
| Conejos     | 82,729    | 667,570        | 8.07             | 82,154    | 452,440        | 5.51             |
| Costilla    | 15,640    | 125,160        | 8.00             | 23,226    | 127,740        | 5.50             |
| Crowley     | 3,500     | 28,000         | 8.00             | 6,069     | 33,470         | 5.52             |
| Custer      | 4,158     | 33,265         | 8.00             | 4,286     | 23,570         | 5.50             |
| Delta       | 41,605    | 346,575        | 8.33             | 52,303    | 289,350        | 5.53             |
| Denver      |           |                |                  |           |                |                  |
| Dolores     | 9,340     | 75,075         | 8.04             | 16,761    | 92,185         | 5.50             |
| Douglas     | 1,798     | 14,395         | 8.01             | 1,070     | 8,390          | 7.84             |
| Eagle       | 26,958    | 215,664        | 8.00             | 26,813    | 147,498        | 5.50             |
| Elbert      | 6,647     | 53,361         | 8.03             | 10,424    | 58,140         | 5.58             |
| El Paso     | 5,825     | 47,180         | 8.10             | 6,024     | 33,360         | 5.53             |
| Fremont     | 1,961     | 15,689         | 8.00             | 2,850     | 15,925         | 5.59             |
| Garfield    | 89,181    | 713,970        | 8.01             | 87,834    | 484,930        | 5.52             |
| Gilpin      |           |                |                  |           |                |                  |
| Grand       | 12,108    | 97,035         | 8.02             | 16,796    | 94,875         | 5.65             |
| Gunnison    | 37,304    | 305,595        | 8.19             | 48,659    | 274,100        | 5.63             |
| Hinsdale    | 1,738     | 13,905         | 8.00             | 3,958     | 21,545         | 5.54             |
| Huerfano    | 24,774    | 198,192        | 8.00             | 25,429    | 140,199        | 5.51             |
| Jackson     | 18,236    | 145,890        | 8.00             | 25,678    | 141,190        | 5.50             |
| Jefferson   | 3,091     | 24,750         | 8.01             | 3,008     | 16,535         | 5.50             |
| Kiowa       | 5,990     | 47,940         | 8.00             | 8,490     | 46,695         | 5.50             |
| Kit Carson  | 3,000     | 24,000         | 8.00             | 4,340     | 23,874         | 5.50             |
| Lake        |           |                |                  | 412       | 2,265          | 5.50             |
| La Plata    | 17,417    | 140,535        | 8.07             | 31,388    | 172,575        | 5.50             |
| Larimer     | 13,845    | 110,720        | 8.00             | 15,625    | 93,470         | 5.98             |
| Las Animas  | 73,703    | 589,624        | 8.00             | 78,992    | 436,043        | 6.15             |
| Lincoln     | 7,538     | 60,980         | 8.09             | 10,373    | 57,180         | 5.51             |
| Logan       | 730       | 5,810          | 8.00             | 3,537     | 19,453         | 5.50             |
| Mesa        | 67,989    | 543,910        | 8.00             | 98,660    | 552,640        | 5.60             |
| Mineral     | 10,027    | 80,220         | 8.00             | 11,723    | 67,195         | 5.73             |
| Moffat      | 61,418    | 491,350        | 8.00             | 88,721    | 496,840        | 5.60             |
| Montezuma   | 34,777    | 278,940        | 8.02             | 42,731    | 235,020        | 5.50             |
| Montrose    | 52,000    | 416,000        | 8.00             | 62,660    | 344,630        | 5.50             |
| Morgan      | 440       | 3,520          | 8.00             | 1,546     | 8,500          | 5.50             |
| Otero       | 22,474    | 180,241        | 8.02             | 29,527    | 162,400        | 5.50             |
| Ouray       | 12,045    | 96,360         | 8.00             | 13,746    | 75,600         | 5.50             |
| Park        | 40,765    | 325,590        | 8.00             | 42,040    | 246,370        | 5.86             |
| Phillips    | 101       | 820            | 8.12             | 212       | 1,275          | 6.00             |
| Pitkin      | 8,590     | 68,720         | 8.00             | 6,194     | 35,375         | 5.50             |
| Prowers     | 3,355     | 26,970         | 8.04             | 13,933    | 76,631         | 5.50             |
| Pueblo      | 8,177     | 65,415         | 8.00             | 12,432    | 68,440         | 5.50             |
| Rio Blanco  | 67,988    | 544,070        | 8.00             | 69,975    | 395,460        | 5.65             |
| Rio Grande  | 34,551    | 276,535        | 8.00             | 51,219    | 281,705        | 5.50             |
| Routt       | 56,389    | 451,110        | 8.00             | 79,579    | 456,820        | 5.74             |
| Saguache    | 73,436    | 605,848        | 8.25             | 79,230    | 447,967        | 5.65             |
| San Juan    | 8,473     | 67,784         | 8.00             | 8,595     | 47,318         | 5.51             |
| San Miguel  | 33,585    | 268,570        | 8.00             | 40,070    | 221,585        | 5.50             |
| Sedgwick    | 221       | 1,775          | 8.03             | 1,137     | 6,255          | 5.50             |
| Summit      | 990       | 7,920          | 8.00             | 2,130     | 11,720         | 5.50             |
| Teller      | 84        | 675            | 8.04             | 358       | 1,980          | 5.53             |
| Washington  | 8,541     | 68,585         | 8.03             | 13,541    | 74,550         | 5.50             |
| Weld        | 15,712    | 132,380        | 8.42             | 23,755    | 130,650        | 5.50             |
| Yuma        | 1,200     | 12,420         | 10.35            | 3,321     | 18,760         | 5.65             |
| State       | 1,216,291 | \$9,804,958    | \$ 8.06          | 1,486,492 | \$8,340,788    | \$ 5.61          |

**SHEEP FED IN TRANSIT**  
(From Reports of County Assessors to State Tax Commission)

| COUNTY      | 1929      |                |                  | 1930      |                |                  |
|-------------|-----------|----------------|------------------|-----------|----------------|------------------|
|             | Number    | Assessed Value | Average Per Head | Number    | Assessed Value | Average Per Head |
| Adams       | 140       | \$ 500         | \$ 3.57          | -----     | -----          | -----            |
| Alamosa     | -----     | -----          | -----            | -----     | -----          | -----            |
| Arapahoe    | -----     | -----          | -----            | -----     | -----          | -----            |
| Archuleta   | -----     | -----          | -----            | -----     | -----          | -----            |
| Baca        | -----     | -----          | -----            | -----     | -----          | -----            |
| Bent        | 169,043   | 175,620        | 1.04             | 198,003   | \$ 155,170     | \$ .78           |
| Boulder     | 19,364    | 15,160         | .78              | 26,744    | 15,360         | .57              |
| Chaffee     | -----     | -----          | -----            | -----     | -----          | -----            |
| Cheyenne    | -----     | -----          | -----            | -----     | -----          | -----            |
| Clear Creek | -----     | -----          | -----            | -----     | -----          | -----            |
| Conejos     | -----     | -----          | -----            | -----     | -----          | -----            |
| Costilla    | -----     | -----          | -----            | -----     | -----          | -----            |
| Crowley     | 21,455    | 22,240         | 1.04             | 5,903     | 7,740          | 1.31             |
| Custer      | -----     | -----          | -----            | -----     | -----          | -----            |
| Delta       | -----     | -----          | -----            | -----     | -----          | -----            |
| Denver      | -----     | -----          | -----            | -----     | -----          | -----            |
| Dolores     | -----     | -----          | -----            | -----     | -----          | -----            |
| Douglas     | -----     | -----          | -----            | -----     | -----          | -----            |
| Eagle       | -----     | -----          | -----            | -----     | -----          | -----            |
| Elbert      | -----     | -----          | -----            | -----     | -----          | -----            |
| El Paso     | -----     | -----          | -----            | -----     | -----          | -----            |
| Fremont     | -----     | -----          | -----            | -----     | -----          | -----            |
| Garfield    | -----     | -----          | -----            | -----     | -----          | -----            |
| Gilpin      | -----     | -----          | -----            | -----     | -----          | -----            |
| Grand       | 17,577    | 35,295         | 2.01             | 7,900     | 9,875          | 1.25             |
| Gunnison    | -----     | -----          | -----            | -----     | -----          | -----            |
| Hinsdale    | 85,663    | 68,530         | .80              | 87,210    | 78,251         | .90              |
| Huerfano    | -----     | -----          | -----            | -----     | -----          | -----            |
| Jackson     | 10,400    | 14,040         | 1.35             | 11,870    | 11,570         | 1.00             |
| Jefferson   | -----     | -----          | -----            | -----     | -----          | -----            |
| Kiowa       | -----     | -----          | -----            | -----     | -----          | -----            |
| Kit Carson  | -----     | -----          | -----            | -----     | -----          | -----            |
| Lake        | 20,825    | 41,650         | 2.00             | 5,519     | 7,580          | 1.37             |
| La Plata    | -----     | -----          | -----            | -----     | -----          | -----            |
| Larimer     | 311,602   | 342,360        | 1.10             | 385,415   | 312,190        | .81              |
| Las Animas  | -----     | -----          | -----            | -----     | -----          | -----            |
| Lincoln     | -----     | -----          | -----            | -----     | -----          | -----            |
| Logan       | 101,400   | 126,150        | 1.24             | 80,000    | 57,370         | .72              |
| Mesa        | -----     | -----          | -----            | -----     | -----          | -----            |
| Mineral     | -----     | -----          | -----            | -----     | -----          | -----            |
| Moffat      | -----     | -----          | -----            | -----     | -----          | -----            |
| Montezuma   | -----     | -----          | -----            | -----     | -----          | -----            |
| Montrose    | -----     | -----          | -----            | -----     | -----          | -----            |
| Morgan      | 144,866   | 144,800        | 1.00             | 225,871   | 158,610        | .70              |
| Otero       | 49,534    | 78,130         | 1.58             | 43,265    | 32,770         | .76              |
| Ouray       | -----     | -----          | -----            | -----     | -----          | -----            |
| Park        | -----     | -----          | -----            | -----     | -----          | -----            |
| Phillips    | -----     | -----          | -----            | -----     | -----          | -----            |
| Pitkin      | 21,200    | 42,400         | 2.00             | 22,065    | 40,455         | 1.83             |
| Prowers     | 106,653   | 107,073        | 1.00             | 138,836   | 98,303         | .71              |
| Pueblo      | 6,219     | 5,905          | .97              | 14,665    | 12,745         | .87              |
| Rio Blanco  | -----     | -----          | -----            | -----     | -----          | -----            |
| Rio Grande  | -----     | -----          | -----            | -----     | -----          | -----            |
| Routt       | -----     | -----          | -----            | -----     | -----          | -----            |
| Saguache    | -----     | -----          | -----            | -----     | -----          | -----            |
| San Juan    | -----     | -----          | -----            | -----     | -----          | -----            |
| San Miguel  | -----     | -----          | -----            | -----     | -----          | -----            |
| Sedgwick    | 5,036     | 4,935          | .98              | 2,747     | 2,770          | 1.01             |
| Summit      | 35,240    | 70,480         | 2.00             | 27,603    | 37,955         | 1.37             |
| Teller      | -----     | -----          | -----            | -----     | -----          | -----            |
| Washington  | 7,060     | 3,600          | .51              | 10,060    | 10,160         | 1.01             |
| Weld        | 449,005   | 452,100        | 1.01             | 569,654   | 375,650        | .66              |
| Yuma        | -----     | -----          | -----            | -----     | -----          | -----            |
| State       | 1,582,282 | \$1,750,968    | \$ 1.11          | 1,863,330 | \$1,424,824    | \$ .76           |

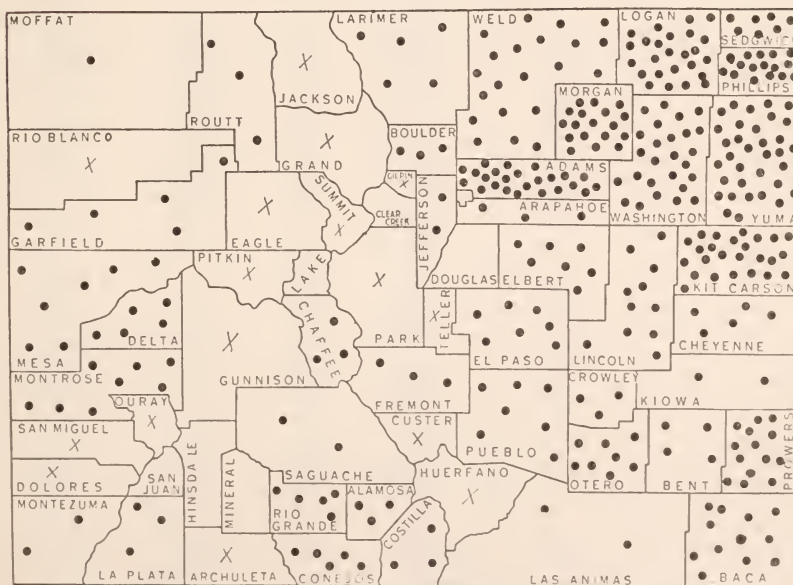


**DISTRIBUTION OF SHEEP, 1930**



Each dot represents 3,000 sheep; cross represents numbers of less than 3,000.

**DISTRIBUTION OF SWINE, 1930**



Each dot represents 500 swine; cross represents numbers less than 500.

**SWINE IN COLORADO, 1929 AND 1930**  
(From Reports of County Assessors to the State Tax Commission)

| COUNTY           | 1929    |                |                  | 1930    |                |                  |
|------------------|---------|----------------|------------------|---------|----------------|------------------|
|                  | Number  | Assessed Value | Average Head Per | Number  | Assessed Value | Average Per Head |
| Adams.....       | 11,065  | \$ 99,780      | \$ 9.02          | 11,788  | \$ 91,390      | \$ 7.75          |
| Alamosa.....     | 1,568   | 17,655         | 11.71            | 1,444   | 16,840         | 11.66            |
| Arapahoe.....    | 1,702   | 13,925         | 18.18            | 1,357   | 13,765         | 10.14            |
| Archuleta.....   | 412     | 3,170          | 7.69             | 414     | 3,184          | 7.69             |
| Baca.....        | 5,792   | 50,043         | 8.64             | 6,027   | 52,797         | 8.76             |
| Bent.....        | 1,902   | 20,000         | 10.52            | 1,842   | 20,440         | 11.09            |
| Boulder.....     | 1,362   | 14,330         | 10.52            | 1,432   | 14,870         | 10.39            |
| Chaffee.....     | 1,213   | 11,400         | 9.40             | 1,459   | 12,345         | 8.46             |
| Cheyenne.....    | 3,124   | 33,680         | 10.78            | 2,682   | 26,845         | 10.01            |
| Clear Creek..... | 9       | 110            | 12.00            | ---     | ---            | ---              |
| Conejos.....     | 3,147   | 27,395         | 8.91             | 2,652   | 30,205         | 11.29            |
| Costilla.....    | 1,472   | 14,740         | 10.01            | 1,267   | 12,315         | 9.72             |
| Crowley.....     | 1,737   | 16,650         | 9.59             | 1,730   | 17,015         | 9.84             |
| Custer.....      | 525     | 3,875          | 7.38             | 361     | 2,200          | 7.31             |
| Delta.....       | 2,667   | 22,960         | 8.61             | 2,342   | 22,180         | 9.47             |
| Denver.....      | ---     | ---            | ---              | ---     | ---            | ---              |
| Dolores.....     | 116     | 1,040          | 8.97             | 134     | 1,885          | 14.07            |
| Douglas.....     | 1,194   | 13,635         | 11.42            | 744     | 7,830          | 10.52            |
| Eagle.....       | 525     | 6,300          | 12.00            | 468     | 5,616          | 12.00            |
| Elbert.....      | 4,851   | 50,354         | 10.38            | 3,698   | 39,547         | 10.69            |
| El Paso.....     | 3,312   | 32,900         | 9.93             | 3,327   | 33,430         | 10.05            |
| Fremont.....     | 1,483   | 12,807         | 8.64             | 1,388   | 12,398         | 8.93             |
| Garfield.....    | 2,648   | 25,340         | 9.57             | 2,711   | 25,825         | 9.53             |
| Gilpin.....      | 6       | 65             | 11.00            | 3       | 35             | 11.00            |
| Grand.....       | 121     | 1,210          | 10.00            | 160     | 1,600          | 10.00            |
| Gunnison.....    | 281     | 2,445          | 8.70             | 227     | 2,085          | 9.19             |
| Hinsdale.....    | ---     | ---            | ---              | ---     | ---            | ---              |
| Huerfano.....    | 616     | 5,047          | 8.21             | 448     | 4,060          | 9.06             |
| Jackson.....     | 92      | 990            | 10.76            | 84      | 840            | 10.00            |
| Jefferson.....   | 998     | 9,365          | 9.38             | 1,143   | 8,850          | 7.74             |
| Kiowa.....       | 1,044   | 13,395         | 12.83            | 1,004   | 12,625         | 12.57            |
| Kit Carson.....  | 12,047  | 123,235        | 10.23            | 12,424  | 127,292        | 10.24            |
| Lake.....        | ---     | ---            | ---              | ---     | ---            | ---              |
| La Plata.....    | 1,704   | 13,240         | 7.77             | 1,580   | 10,755         | 6.80             |
| Larimer.....     | 3,363   | 32,340         | 9.62             | 2,581   | 24,520         | 9.50             |
| Las Animas.....  | 1,838   | 14,404         | 7.84             | 1,167   | 12,892         | 11.05            |
| Lincoln.....     | 5,148   | 50,095         | 9.73             | 5,264   | 49,595         | 9.42             |
| Logan.....       | 13,600  | 126,790        | 9.32             | 12,479  | 121,065        | 9.70             |
| Mesa.....        | 3,220   | 35,505         | 11.03            | 3,350   | 37,890         | 11.31            |
| Mineral.....     | ---     | ---            | ---              | ---     | ---            | ---              |
| Moffat.....      | 695     | 6,920          | 9.96             | 650     | 6,845          | 10.53            |
| Montezuma.....   | 1,473   | 9,430          | 6.40             | 1,021   | 6,850          | 6.70             |
| Montrose.....    | 3,440   | 31,227         | 9.08             | 4,000   | 38,920         | 9.73             |
| Morgan.....      | 8,644   | 82,180         | 9.51             | 9,225   | 76,110         | 8.14             |
| Otero.....       | 5,106   | 44,610         | 8.74             | 3,920   | 37,725         | 9.55             |
| Ouray.....       | 244     | 1,690          | 6.93             | 203     | 1,421          | 7.00             |
| Park.....        | 45      | 530            | 11.78            | 42      | 460            | 11.00            |
| Phillips.....    | 7,543   | 77,315         | 10.25            | 7,901   | 79,385         | 10.05            |
| Pitkin.....      | 261     | 2,540          | 9.73             | 315     | 2,640          | 8.38             |
| Prowers.....     | 7,375   | 69,293         | 9.40             | 6,972   | 60,696         | 8.71             |
| Pueblo.....      | 3,576   | 26,965         | 7.54             | 3,251   | 24,605         | 7.57             |
| Rio Blanco.....  | 383     | 3,830          | 10.00            | 321     | 3,210          | 10.00            |
| Rio Grande.....  | 3,130   | 37,660         | 12.03            | 2,643   | 36,240         | 13.71            |
| Routt.....       | 2,216   | 14,390         | 6.50             | 1,428   | 13,250         | 9.28             |
| Saguache.....    | 917     | 12,314         | 13.43            | 1,190   | 15,095         | 12.68            |
| San Juan.....    | ---     | ---            | ---              | ---     | ---            | ---              |
| San Miguel.....  | 237     | 2,440          | 10.30            | 169     | 1,635          | 9.62             |
| Sedgwick.....    | 3,957   | 48,805         | 12.33            | 3,382   | 43,395         | 12.83            |
| Summit.....      | 25      | 375            | 15.00            | 31      | 375            | 12.00            |
| Teller.....      | 98      | 900            | 9.19             | 50      | 505            | 10.10            |
| Washington.....  | 12,696  | 125,540        | 9.89             | 12,859  | 126,250        | 9.82             |
| Weld.....        | 11,067  | 115,390        | 10.43            | 10,716  | 111,280        | 10.38            |
| Yuma.....        | 15,559  | 167,940        | 10.80            | 17,496  | 183,150        | 10.47            |
| State.....       | 184,530 | \$1,802,999    | \$ 9.77          | 178,906 | \$1,746,068    | \$ 9.76          |

**GOATS**  
(From Reports of County Assessors to State Tax Commission)

| COUNTY      | 1929   |                |                  | 1930   |                |                  |
|-------------|--------|----------------|------------------|--------|----------------|------------------|
|             | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams       | 208    | \$ 2,550       | \$12.26          | 237    | \$ 2,110       | \$ 8.90          |
| Alamosa     | ---    | ---            | ---              | ---    | ---            | ---              |
| Arapahoe    | 133    | 900            | 6.77             | 230    | 1,150          | 5.00             |
| Archuleta   | 699    | 2,105          | 3.01             | 1,136  | 3,420          | 3.00             |
| Baca        | ---    | ---            | ---              | ---    | ---            | ---              |
| Bent        | ---    | ---            | ---              | ---    | ---            | ---              |
| Boulder     | ---    | ---            | ---              | ---    | ---            | ---              |
| Chaffee     | 173    | 450            | 2.60             | 170    | 455            | 2.68             |
| Cheyenne    | ---    | ---            | ---              | ---    | ---            | ---              |
| Clear Creek | 12     | 120            | 10.00            | 2      | 20             | 10.00            |
| Conejos     | ---    | ---            | ---              | ---    | ---            | ---              |
| Costilla    | 298    | 895            | 3.00             | 88     | 265            | 3.01             |
| Crowley     | 23     | 210            | 9.13             | 33     | 165            | 5.00             |
| Custer      | 3      | 10             | 3.33             | ---    | ---            | ---              |
| Delta       | 2,300  | 9,200          | 4.00             | 2,300  | 9,200          | 4.00             |
| Denver      | ---    | ---            | ---              | ---    | ---            | ---              |
| Dolores     | 80     | 400            | 5.00             | 205    | 1,082          | 5.28             |
| Douglas     | 690    | 3,450          | 5.00             | 507    | 2,535          | 5.00             |
| Eagle       | 4      | 12             | 3.00             | 6      | 40             | 6.66             |
| Elbert      | ---    | ---            | ---              | ---    | ---            | ---              |
| El Paso     | 222    | 1,940          | 8.74             | 240    | 2,110          | 8.79             |
| Fremont     | 242    | 1,406          | 5.81             | 100    | 306            | 3.00             |
| Garfield    | ---    | ---            | ---              | ---    | ---            | ---              |
| Gilpin      | 20     | 60             | 3.00             | 34     | 102            | 3.00             |
| Grand       | ---    | ---            | ---              | ---    | ---            | ---              |
| Gunnison    | 145    | 610            | 4.21             | 161    | 605            | 3.76             |
| Hinsdale    | ---    | ---            | ---              | ---    | ---            | ---              |
| Huerfano    | 505    | 1,640          | 3.25             | 215    | 775            | 3.60             |
| Jackson     | 4      | 40             | 10.00            | 4      | 40             | 10.00            |
| Jefferson   | 362    | 2,645          | 7.30             | 539    | 3,205          | 5.95             |
| Kiowa       | ---    | ---            | ---              | ---    | ---            | ---              |
| Kit Carson  | 33     | 272            | 8.24             | 47     | 240            | 5.11             |
| Lake        | ---    | ---            | ---              | ---    | ---            | ---              |
| La Plata    | 824    | 1,415          | 1.72             | 987    | 1,135          | 1.15             |
| Larimer     | 30     | 300            | 10.00            | 30     | 300            | 10.00            |
| Las Animas  | 4,816  | 16,761         | 3.48             | 4,822  | 14,852         | 3.08             |
| Lincoln     | ---    | ---            | ---              | ---    | ---            | ---              |
| Logan       | ---    | ---            | ---              | ---    | ---            | ---              |
| Mesa        | 1,920  | 9,865          | 5.14             | 147    | 735            | 5.00             |
| Mineral     | 8      | 200            | 25.00            | 9      | 225            | 25.00            |
| Moffat      | 96     | 570            | 5.94             | 159    | 650            | 4.08             |
| Montezuma   | 170    | 575            | 3.38             | 112    | 475            | 4.24             |
| Montrose    | ---    | ---            | ---              | ---    | ---            | ---              |
| Morgan      | ---    | ---            | ---              | ---    | ---            | ---              |
| Otero       | ---    | ---            | ---              | ---    | ---            | ---              |
| Ouray       | ---    | ---            | ---              | 10     | 25             | 2.50             |
| Park        | 62     | 630            | 10.16            | 51     | 360            | 7.00             |
| Phillips    | ---    | ---            | ---              | ---    | ---            | ---              |
| Pitkin      | 90     | 715            | 7.94             | ---    | ---            | ---              |
| Prowers     | ---    | ---            | ---              | 101    | 235            | 2.33             |
| Pueblo      | 289    | 1,640          | 5.68             | 252    | 1,675          | 6.65             |
| Rio Blanco  | ---    | ---            | ---              | ---    | ---            | ---              |
| Rio Grande  | ---    | ---            | ---              | ---    | ---            | ---              |
| Routt       | ---    | ---            | ---              | ---    | ---            | ---              |
| Saguache    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Juan    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Miguel  | ---    | ---            | ---              | ---    | ---            | ---              |
| Sedgwick    | 9      | 120            | 13.44            | 18     | 105            | 5.83             |
| Summit      | ---    | ---            | ---              | ---    | ---            | ---              |
| Teller      | ---    | ---            | ---              | 10     | 55             | 5.50             |
| Washington  | ---    | ---            | ---              | ---    | ---            | ---              |
| Weld        | ---    | ---            | ---              | ---    | ---            | ---              |
| Yuma        | 6      | 110            | 18.40            | 15     | 70             | 4.67             |
| State       | 14,476 | \$61,816       | \$ 4.27          | 12,977 | \$48,722       | \$ 3.75          |



## FOXES

(From Reports of County Assessors to State Tax Commission)

| COUNTY           | 1929   |                |                  | 1930   |                |                  |
|------------------|--------|----------------|------------------|--------|----------------|------------------|
|                  | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams.....       | 51     | \$ 3,820       | \$75.00          | 69     | \$ 5,150       | \$75.00          |
| Alamosa.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Arapahoe.....    | 48     | 3,600          | 75.00            | 62     | 4,670          | 75.00            |
| Archuleta.....   | ---    | ---            | ---              | ---    | ---            | ---              |
| Baca.....        | 6      | 450            | 75.00            | 11     | 825            | 75.00            |
| Bent.....        | ---    | ---            | ---              | ---    | ---            | ---              |
| Boulder.....     | 180    | 13,900         | 77.22            | 222    | 16,650         | 75.00            |
| Chaffee.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Cheyenne.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| Clear Creek..... | ---    | ---            | ---              | ---    | ---            | ---              |
| Conejos.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Costilla.....    | 20     | 1,500          | 75.00            | 20     | 1,500          | 75.00            |
| Crowley.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Custer.....      | 78     | 5,850          | 75.00            | 78     | 5,850          | 75.00            |
| Delta.....       | ---    | ---            | ---              | ---    | ---            | ---              |
| Denver.....      | ---    | ---            | ---              | ---    | ---            | ---              |
| Dolores.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Douglas.....     | 171    | 12,825         | 75.00            | 240    | 18,000         | 75.00            |
| Eagle.....       | 24     | 1,800          | 75.00            | 27     | 2,025          | 75.00            |
| Elbert.....      | ---    | ---            | ---              | 37     | 2,775          | 75.00            |
| El Paso.....     | 107    | 14,500         | 135.50           | 225    | 21,400         | 95.11            |
| Fremont.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Garfield.....    | 94     | 7,050          | 75.00            | 128    | 9,665          | 75.56            |
| Gilpin.....      | *103   | 7,005          | 68.01            | *66    | 4,020          | 60.90            |
| Grand.....       | 6      | 450            | 75.00            | 12     | 900            | 75.00            |
| Gunnison.....    | 31     | 2,325          | 75.00            | 51     | 3,895          | 76.37            |
| Hinsdale.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| Huerfano.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| Jackson.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Jefferson.....   | *1,300 | 94,250         | 72.50            | *1,236 | 89,150         | 72.13            |
| Kiowa.....       | ---    | ---            | ---              | ---    | ---            | ---              |
| Kit Carson.....  | ---    | ---            | ---              | ---    | ---            | ---              |
| Lake.....        | ---    | ---            | ---              | ---    | ---            | ---              |
| La Plata.....    | 62     | 4,650          | 75.00            | 86     | 6,450          | 75.00            |
| Larimer.....     | 111    | 8,330          | 75.05            | 136    | 10,200         | 75.00            |
| Las Animas.....  | ---    | ---            | ---              | ---    | ---            | ---              |
| Lincoln.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Logan.....       | ---    | ---            | ---              | ---    | ---            | ---              |
| Mesa.....        | ---    | ---            | ---              | ---    | ---            | ---              |
| Mineral.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Moffat.....      | ---    | ---            | ---              | ---    | ---            | ---              |
| Montezuma.....   | ---    | ---            | ---              | 38     | 2,870          | 75.53            |
| Montrose.....    | 48     | 3,600          | 75.00            | 68     | 5,100          | 75.00            |
| Morgan.....      | 35     | 2,620          | 75.00            | 52     | 3,870          | 75.00            |
| Otero.....       | ---    | ---            | ---              | ---    | ---            | ---              |
| Ouray.....       | ---    | ---            | ---              | ---    | ---            | ---              |
| Park.....        | 2      | 160            | 80.00            | 33     | 2,470          | 74.85            |
| Phillips.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| Pitkin.....      | 32     | 2,450          | 76.56            | 31     | 2,350          | 75.80            |
| Prowers.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Pueblo.....      | ---    | ---            | ---              | 15     | 1,125          | 75.00            |
| Rio Blanco.....  | ---    | ---            | ---              | ---    | ---            | ---              |
| Rio Grande.....  | 131    | 9,820          | 75.00            | 187    | 14,010         | 75.00            |
| Routt.....       | 16     | 1,200          | 75.00            | 14     | 1,000          | 76.92            |
| Saguache.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Juan.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Miguel.....  | 30     | 2,250          | 75.00            | 13     | 970            | 75.00            |
| Sedgwick.....    | 9      | 675            | 75.00            | 16     | 1,200          | 75.00            |
| Summit.....      | 18     | 1,350          | 75.00            | 14     | 1,050          | 75.00            |
| Teller.....      | ---    | ---            | ---              | *98    | 6,230          | 63.57            |
| Washington.....  | ---    | ---            | ---              | ---    | ---            | ---              |
| Weld.....        | ---    | ---            | ---              | ---    | ---            | ---              |
| Yuma.....        | ---    | ---            | ---              | ---    | ---            | ---              |
| State.....       | 2,713  | \$206,430      | \$76.09          | 3,285  | \$245,370      | \$74.70          |

\*Silver and Red Foxes.

ALL OTHER ANIMALS\*  
(From Reports of County Assessors to State Tax Commission)

| COUNTY           | 1929   |                |                  | 1930   |                |                  |
|------------------|--------|----------------|------------------|--------|----------------|------------------|
|                  | Number | Assessed Value | Average Per Head | Number | Assessed Value | Average Per Head |
| Adams.....       | 777    | \$ 5,800       | \$ 7.47          | 412    | \$ 6,350       | \$15.41          |
| Alamosa.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Arapahoe.....    | 3,612  | 5,965          | 1.65             | 3,512  | 5,595          | 1.59             |
| Archuleta.....   | 7      | 35             | 5.00             | 35     | 175            | 5.00             |
| Baca.....        | 135    | 2,186          | 16.19            | 150    | 2,825          | 18.83            |
| Bent.....        | ---    | ---            | ---              | ---    | ---            | ---              |
| Boulder.....     | 620    | 2,250          | 3.63             | 840    | 1,930          | 2.30             |
| Chaffee.....     | 105    | 3,290          | 31.33            | 50     | 620            | 12.40            |
| Cheyenne.....    | 51     | 2,585          | 50.69            | ---    | ---            | ---              |
| Clear Creek..... | 18     | 100            | 5.56             | ---    | ---            | ---              |
| Conejos.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Costilla.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| Crowley.....     | 25     | 1,260          | 50.40            | 8      | 725            | 90.63            |
| Custer.....      | ---    | ---            | ---              | ---    | ---            | ---              |
| Delta.....       | 4,180  | 8,040          | 1.92             | 3,210  | 6,035          | 1.88             |
| Denver.....      | 1,500  | 15,770         | 10.51            | 600    | 6,490          | 10.80            |
| Dolores.....     | 18     | 565            | 31.39            | 2      | 10             | 5.00             |
| Douglas.....     | 460    | 7,180          | 15.60            | 591    | 12,015         | 20.32            |
| Eagle.....       | 6      | 30             | 5.00             | ---    | ---            | ---              |
| Elbert.....      | 54     | 551            | 10.20            | 17     | 210            | 12.35            |
| El Paso.....     | 360    | 14,110         | 39.19            | 347    | 13,260         | 38.21            |
| Fremont.....     | ---    | ---            | ---              | 102    | 2,779          | 27.25            |
| Garfield.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| Gilpin.....      | ---    | ---            | ---              | ---    | ---            | ---              |
| Grand.....       | ---    | ---            | ---              | 38     | 380            | 10.00            |
| Gunnison.....    | 206    | 360            | 1.75             | 445    | 340            | .76              |
| Hinsdale.....    | 8      | 40             | 5.00             | 5      | 25             | 5.00             |
| Huerfano.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| Jackson.....     | 12     | 1,150          | 95.83            | 11     | 1,040          | 94.54            |
| Jefferson.....   | ---    | 5,265          | ---              | 82     | 3,200          | 3.90             |
| Kiowa.....       | 977    | 10,095         | 10.33            | 837    | 8,460          | 10.11            |
| Kit Carson.....  | 34     | 562            | 10.65            | 108    | 147            | 1.36             |
| Lake.....        | ---    | ---            | ---              | ---    | ---            | ---              |
| La Plata.....    | 36     | 360            | 10.00            | 30     | 190            | 6.33             |
| Larimer.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Las Animas.....  | 30     | 834            | 27.80            | ---    | ---            | ---              |
| Lincoln.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Logan.....       | 2,109  | 7,960          | 3.73             | 3,090  | 9,025          | 2.92             |
| Mesa.....        | ---    | ---            | ---              | ---    | ---            | ---              |
| Mineral.....     | ---    | ---            | ---              | ---    | ---            | ---              |
| Moffat.....      | 7      | 150            | 21.45            | 7      | 160            | 22.86            |
| Montezuma.....   | 36     | 2,350          | 65.28            | 43     | 150            | 3.49             |
| Montrose.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| Morgan.....      | ---    | ---            | ---              | ---    | ---            | ---              |
| Otero.....       | 1,185  | 5,790          | 4.89             | 531    | 1,945          | 3.66             |
| Ouray.....       | ---    | ---            | ---              | ---    | ---            | ---              |
| Park.....        | 114    | 810            | 7.00             | 117    | 710            | 6.00             |
| Phillips.....    | 16     | 1,425          | 89.06            | 25     | 380            | 15.20            |
| Pitkin.....      | ---    | ---            | ---              | 3      | 15             | 5.00             |
| Prowers.....     | 386    | 3,845          | 9.96             | ---    | ---            | ---              |
| Pueblo.....      | 87     | 1,390          | 15.98            | 169    | 1,235          | 7.31             |
| Rio Blanco.....  | ---    | ---            | ---              | ---    | ---            | ---              |
| Rio Grande.....  | 429    | 8,995          | 20.97            | 331    | 5,935          | 17.73            |
| Routt.....       | 224    | 760            | 3.40             | 226    | 1,590          | 7.04             |
| Saguache.....    | 662    | 1,614          | 2.44             | 765    | 1,770          | 2.31             |
| San Juan.....    | ---    | ---            | ---              | ---    | ---            | ---              |
| San Miguel.....  | 167    | 2,375          | 14.22            | 250    | 3,090          | 12.36            |
| Sedgwick.....    | 37     | 725            | 19.60            | 29     | 340            | 11.72            |
| Summit.....      | ---    | ---            | ---              | ---    | ---            | ---              |
| Teller.....      | 26     | 750            | 28.85            | 43     | 740            | 17.21            |
| Washington.....  | 102    | 1,295          | 12.70            | 76     | 825            | 10.86            |
| Weld.....        | 941    | 38,450         | 40.86            | 8,563  | 209,480        | 24.46            |
| Yuma.....        | 32     | 2,450          | 76.53            | 23     | 1,510          | 65.65            |
| State.....       | 19,791 | \$169,317      | \$ 8.56          | 25,723 | \$311,701      | \$12.12          |

\*Includes rabbits and other small animals.

**AVERAGE VALUE OF HORSES AND MULES PER HEAD AS RETURNED BY  
COUNTY ASSESSORS FOR 1914, 1919, 1929, 1930**

| COUNTY            | HORSES  |         |         |         | MULES   |         |          |         |
|-------------------|---------|---------|---------|---------|---------|---------|----------|---------|
|                   | 1930    | 1929    | 1919    | 1914    | 1930    | 1929    | 1919     | 1914    |
| Adams .....       | \$35.26 | \$35.29 | \$87.30 | \$73.58 | \$38.47 | \$36.04 | \$113.50 | \$93.64 |
| Alamosa .....     | 58.93   | 56.15   | 73.33   | 43.74   | 72.62   | 71.96   | 111.90   | 81.57   |
| Arapahoe .....    | 36.20   | 35.24   | 68.36   | 62.86   | 41.08   | 41.94   | 84.73    | 82.05   |
| Archuleta .....   | 31.55   | 33.39   | 61.72   | 44.12   | 37.97   | 41.18   | 60.00    | 63.71   |
| Baca .....        | 18.10   | 19.85   | 45.00   | 34.20   | 25.40   | 26.65   | 60.00    | 45.97   |
| Bent .....        | 26.57   | 28.22   | 57.71   | 58.20   | 40.07   | 39.07   | 70.25    | 68.11   |
| Boulder .....     | 40.73   | 41.15   | 113.04  | 83.55   | 51.26   | 53.16   | 114.81   | 88.59   |
| Chaffee .....     | 41.39   | 47.37   | 62.88   | 55.67   | 42.78   | 27.50   | 85.00    | 100.00  |
| Cheyenne .....    | 25.11   | 25.80   | 59.09   | 40.61   | 33.40   | 32.91   | 81.56    | 73.34   |
| Clear Creek ..... | 41.33   | 38.30   | 66.39   | 70.03   | 15.00   | 30.00   | 62.50    | 112.50  |
| Conejos .....     | 39.96   | 39.79   | 75.40   | 66.50   | 50.00   | 46.92   | 87.00    | 98.53   |
| Costilla .....    | 35.44   | 37.14   | 74.50   | 46.12   | 36.58   | 40.72   | 76.68    | 100.73  |
| Crowley .....     | 34.20   | 35.19   | 67.61   | 70.03   | 46.13   | 47.81   | 84.74    | 94.80   |
| Custer .....      | 29.58   | 29.25   | 67.51   | 60.36   | 34.48   | 30.52   | 67.80    | 53.21   |
| Delta .....       | 35.02   | 35.52   | 85.01   | 75.17   | 44.34   | 42.60   | 95.20    | 102.97  |
| Denver .....      | 45.97   | 74.07   | 100.00  | 63.79   | 46.23   | 58.55   | 100.00   | 77.16   |
| Dolores .....     | 23.60   | 29.77   | 78.72   | 67.70   | 29.37   | 29.45   | 105.78   | 80.83   |
| Douglas .....     | 50.98   | 51.55   | 68.79   | 64.17   | 51.45   | 52.30   | 97.10    | 63.15   |
| Eagle .....       | 37.89   | 41.88   | 81.94   | 66.91   | 51.10   | 51.47   | 78.30    | 96.15   |
| Elbert .....      | 32.22   | 33.41   | 68.20   | 56.00   | 38.61   | 39.22   | 87.89    | 72.37   |
| El Paso .....     | 29.63   | 29.49   | 67.00   | 60.19   | 35.10   | 34.86   | 89.00    | 82.92   |
| Fremont .....     | 29.61   | 30.73   | 53.72   | 56.64   | 52.28   | 49.18   | 78.00    | 72.75   |
| Garfield .....    | 41.29   | 38.15   | 72.03   | 65.20   | 46.60   | 43.56   | 96.42    | 78.77   |
| Gilpin .....      | 29.88   | 33.70   | 60.48   | 58.22   | 30.00   | 30.00   | 75.00    | 56.00   |
| Grand .....       | 26.84   | 29.72   | 64.08   | 55.01   | 30.00   | 46.21   | 62.66    | 67.27   |
| Gunnison .....    | 39.24   | 38.94   | 70.06   | 61.99   | 50.40   | 48.30   | 104.89   | 100.48  |
| Hinsdale .....    | 32.61   | 32.93   | 58.00   | 52.09   | .....   | .....   | 53.00    | 66.66   |
| Huerfano .....    | 27.73   | 28.77   | 64.50   | 74.11   | 78.37   | 80.32   | 122.00   | 97.91   |
| Jackson .....     | 19.55   | 18.69   | 48.88   | 61.53   | 26.54   | 27.47   | 84.68    | 72.76   |
| Jefferson .....   | 33.19   | 32.06   | 71.19   | 75.13   | 44.06   | 42.92   | 102.45   | 110.00  |
| Kiowa .....       | 39.96   | 40.00   | 59.65   | 45.57   | 40.00   | 40.00   | 95.04    | 93.09   |
| Kit Carson .....  | 35.94   | 28.59   | 52.13   | 58.58   | 37.05   | 33.02   | 58.04    | 66.02   |
| Lake .....        | 35.73   | 37.00   | 73.95   | 88.15   | 50.00   | 25.00   | 73.20    | .....   |
| La Plata .....    | 28.32   | 30.55   | 69.20   | 67.54   | 28.65   | 41.17   | 72.28    | 64.73   |
| Larimer .....     | 34.48   | 35.20   | 112.00  | 87.30   | 38.25   | 52.00   | 123.40   | 111.74  |
| Las Animas .....  | 20.14   | 21.74   | 49.70   | 61.00   | 59.41   | 52.74   | 103.00   | 93.16   |
| Lincoln .....     | 24.03   | 23.01   | 54.83   | 52.33   | 30.77   | 30.31   | 89.52    | 67.20   |
| Logan .....       | 32.47   | 35.40   | 93.29   | 66.24   | 41.07   | 41.66   | 106.98   | 87.25   |
| Mesa .....        | 36.41   | 35.15   | 73.29   | 60.26   | 42.58   | 42.06   | 87.82    | 86.92   |
| Mineral .....     | 28.46   | 26.48   | 54.71   | 48.72   | 59.16   | 53.33   | 84.00    | 35.00   |
| Moffat .....      | 19.75   | 18.41   | 63.00   | 50.60   | 32.11   | 31.23   | 85.40    | 105.84  |
| Montezuma .....   | 29.32   | 31.54   | 71.20   | 90.00   | 32.85   | 34.65   | 82.60    | 100.00  |
| Montrose .....    | 31.33   | 37.37   | 81.39   | 71.77   | 37.81   | 38.23   | 98.89    | 94.19   |
| Morgan .....      | 32.90   | 37.00   | 87.84   | 80.40   | 44.92   | 42.52   | 95.56    | 105.34  |
| Otero .....       | 33.91   | 35.05   | 74.41   | 75.82   | 49.84   | 52.01   | 98.78    | 103.63  |
| Ouray .....       | 28.08   | 30.56   | 55.95   | 68.87   | 27.17   | 34.32   | 62.04    | 71.71   |
| Park .....        | 35.83   | 39.93   | 71.14   | 60.99   | 54.44   | 53.24   | 81.80    | 117.20  |
| Phillips .....    | 32.22   | 32.36   | 66.40   | 58.09   | 41.65   | 37.50   | 83.87    | 74.07   |
| Pitkin .....      | 32.35   | 36.47   | 71.29   | 64.98   | 24.29   | 34.47   | 101.33   | 50.00   |
| Prowers .....     | 21.05   | 28.25   | 62.00   | 61.15   | 29.11   | 34.46   | 80.00    | 78.79   |
| Pueblo .....      | 35.25   | 38.55   | 68.70   | 60.07   | 47.09   | 45.47   | 100.89   | 83.09   |
| Rio Blanco .....  | 33.13   | 31.73   | 57.94   | 55.86   | 38.74   | 39.85   | 92.30    | 93.57   |
| Rio Grande .....  | 43.53   | 47.37   | 75.70   | 72.30   | 51.52   | 52.66   | 113.08   | 107.43  |
| Routt .....       | 37.20   | 38.02   | 75.58   | 68.79   | 50.00   | .....   | 93.00    | 90.27   |
| Saguache .....    | 33.50   | 32.50   | 51.00   | 36.94   | 38.60   | 36.47   | 80.00    | 62.76   |
| San Juan .....    | 51.25   | 70.64   | 68.25   | 72.57   | 40.66   | 41.21   | 76.81    | 74.25   |
| San Miguel .....  | 46.59   | 46.42   | 81.00   | 70.99   | 39.68   | 44.34   | 79.59    | 81.00   |
| Sedgwick .....    | 39.28   | 41.99   | 62.05   | 68.45   | 44.51   | 45.16   | 83.10    | 81.10   |
| Summit .....      | 38.00   | 40.00   | 80.24   | 64.78   | 30.00   | 50.00   | 75.00    | 77.14   |
| Teller .....      | 25.09   | 39.71   | 57.06   | 54.38   | 60.75   | 55.37   | 83.20    | 74.03   |
| Washington .....  | 25.08   | 24.87   | 59.19   | 62.47   | 27.60   | 27.92   | 79.02    | 84.53   |
| Weld .....        | 38.58   | 42.26   | 89.34   | 80.86   | 43.65   | 50.27   | 100.26   | 101.33  |
| Yuma .....        | 33.55   | 35.00   | 60.00   | 58.03   | 38.92   | 39.66   | 72.00    | 67.58   |
| State .....       | \$32.33 | \$33.75 | \$71.16 | \$65.08 | \$41.70 | \$41.92 | \$88.56  | \$85.03 |



AVERAGE VALUE OF RANGE CATTLE AND MILK COWS PER HEAD AS  
RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1929, 1930

| COUNTY           | RANGE CATTLE |         |         |         | MILK COWS |         |         |         |
|------------------|--------------|---------|---------|---------|-----------|---------|---------|---------|
|                  | 1930         | 1929    | 1919    | 1914    | 1930      | 1929    | 1919    | 1914    |
| Adams .....      | \$33.03      | \$35.65 | \$43.00 | \$32.01 | \$47.49   | \$46.48 | \$78.28 | \$52.17 |
| Alamosa .....    | 32.80        | 32.24   | 44.24   | 35.65   | 49.99     | 49.88   | 75.14   | 53.00   |
| Arapahoe .....   | 35.40        | 35.18   | 41.29   | 30.79   | 52.25     | 55.80   | 78.30   | 55.40   |
| Archuleta .....  | 34.39        | 34.42   | 45.00   | 25.40   | 50.22     | 50.31   | 67.20   | 42.31   |
| Baca .....       | 34.14        | 34.48   | 41.00   | 26.56   | 42.63     | 44.68   | 66.00   | ....    |
| Bent .....       | 34.04        | 33.51   | 41.88   | 35.45   | 46.63     | 47.28   | 62.26   | 58.25   |
| Boulder .....    | 33.20        | 33.95   | 52.08   | 28.67   | 44.39     | 50.50   | 74.60   | 50.84   |
| Chaffee .....    | 34.45        | 33.36   | 42.47   | 32.49   | 49.80     | 46.21   | 68.29   | 48.62   |
| Cheyenne .....   | 33.62        | 33.02   | 45.87   | 39.85   | 52.17     | 41.27   | 65.27   | ....    |
| Clear Creek..... | 35.31        | 34.74   | 41.44   | 40.39   | 49.70     | 52.60   | 65.10   | 50.00   |
| Conejos .....    | 35.64        | 34.02   | 42.00   | 37.46   | 47.73     | 47.49   | 65.00   | 45.00   |
| Costilla .....   | 33.92        | 32.53   | 43.00   | 36.62   | 50.10     | 47.64   | 76.23   | 50.27   |
| Crowley .....    | 33.59        | 34.12   | 44.85   | 34.70   | 50.20     | 50.36   | 66.77   | 48.29   |
| Custer .....     | 33.49        | 31.54   | 41.85   | 35.06   | 43.67     | 44.35   | 60.13   | 43.98   |
| Delta .....      | 33.81        | 33.83   | 45.05   | 35.42   | 50.00     | 51.76   | 78.66   | 63.00   |
| Denver .....     | ....         | ....    | ....    | ....    | 43.69     | 49.15   | 80.00   | 47.95   |
| Dolores .....    | 35.23        | 32.46   | 45.57   | 33.67   | 40.64     | 42.06   | 69.86   | 44.59   |
| Douglas .....    | 37.97        | 37.18   | 47.50   | 32.34   | 50.01     | 55.50   | 77.62   | 50.52   |
| Eagle .....      | 35.24        | 35.17   | 44.87   | 33.50   | 50.00     | 50.00   | 71.75   | 46.53   |
| Elbert .....     | 33.52        | 33.19   | 43.66   | 26.27   | 50.12     | 48.78   | 68.47   | 43.16   |
| El Paso.....     | 35.29        | 34.54   | 42.71   | 31.96   | 48.18     | 49.65   | 61.00   | 52.74   |
| Fremont .....    | 34.04        | 32.64   | 42.70   | 30.26   | 53.34     | 43.65   | 72.00   | 44.71   |
| Garfield .....   | 34.72        | 32.99   | 42.61   | 34.50   | 50.31     | 50.07   | 68.39   | 48.25   |
| Gilpin .....     | 32.39        | 32.12   | 40.00   | 30.14   | 44.10     | 41.59   | 60.00   | ....    |
| Grand .....      | 36.34        | 34.48   | 45.27   | 37.24   | 50.17     | 50.57   | 66.38   | 50.00   |
| Gunnison .....   | 34.05        | 34.22   | 47.97   | 36.66   | 50.02     | 53.08   | 71.00   | ....    |
| Hinsdale .....   | 33.71        | 32.90   | 42.00   | 30.29   | 40.24     | 40.13   | 64.00   | 50.16   |
| Huerfano .....   | 35.22        | 35.97   | 42.00   | 36.61   | 43.35     | 50.01   | 95.00   | ....    |
| Jackson .....    | 33.69        | 39.81   | 44.99   | 39.99   | 50.00     | 50.00   | 65.00   | 55.00   |
| Jefferson .....  | 34.60        | 34.29   | 46.17   | 35.91   | 51.44     | 49.86   | 80.00   | 60.13   |
| Kiowa .....      | 33.71        | 33.54   | 44.92   | 35.25   | 50.00     | 50.00   | 64.75   | ....    |
| Kit Carson.....  | 33.55        | 36.38   | 42.95   | 29.53   | 50.37     | 48.70   | 61.14   | 42.63   |
| Lake .....       | 35.76        | 36.27   | 42.53   | 34.60   | 49.97     | 52.61   | 64.92   | 58.24   |
| La Plata.....    | 33.32        | 32.72   | 40.40   | 30.26   | 50.24     | 43.12   | 69.77   | 50.49   |
| Larimer .....    | 34.13        | 34.26   | 42.25   | 31.83   | 48.35     | 49.99   | 77.00   | 51.30   |
| Las Animas.....  | 35.80        | 34.37   | 44.00   | 32.50   | 43.37     | 40.97   | 74.00   | 56.89   |
| Lincoln .....    | 33.53        | 31.71   | 44.13   | 33.15   | 46.38     | 40.49   | 65.06   | ....    |
| Logan .....      | 34.18        | 33.23   | 48.21   | 35.14   | 42.90     | 48.28   | 72.61   | 50.25   |
| Mesa .....       | 32.90        | 32.21   | 43.20   | 36.66   | 50.05     | 50.00   | 70.16   | 48.67   |
| Mineral .....    | 35.71        | 24.47   | 40.00   | 29.98   | 47.11     | 41.87   | 65.77   | 46.40   |
| Moffat .....     | 33.21        | 34.33   | 42.50   | 39.01   | 47.91     | 42.00   | 65.00   | ....    |
| Montezuma .....  | 31.74        | 31.46   | 42.33   | 32.71   | 50.09     | 49.79   | 66.81   | 45.02   |
| Montrose .....   | 33.28        | 32.27   | 46.44   | 35.42   | 50.01     | 48.20   | 72.54   | 58.26   |
| Morgan .....     | 32.48        | 32.25   | 41.71   | 41.77   | 41.24     | 46.36   | 65.38   | 48.14   |
| Otero .....      | 32.86        | 35.52   | 43.22   | 42.35   | 52.04     | 49.71   | 71.36   | 58.50   |
| Ouray .....      | 32.29        | 32.86   | 42.26   | 35.07   | 46.50     | 50.05   | 64.83   | 44.88   |
| Park .....       | 34.61        | 35.60   | 44.09   | 35.00   | 50.16     | 49.75   | 65.00   | 55.00   |
| Phillips .....   | 32.63        | 33.58   | 45.26   | 35.01   | 40.00     | 40.54   | 62.85   | 48.69   |
| Pitkin .....     | 34.18        | 36.04   | 48.20   | 30.60   | 40.00     | 40.00   | 75.00   | 55.00   |
| Prowers .....    | 33.04        | 32.73   | 41.70   | 32.23   | 42.87     | 45.70   | 73.50   | 59.26   |
| Pueblo .....     | 34.63        | 34.18   | 45.73   | 36.02   | 46.36     | 45.77   | 72.52   | 51.39   |
| Rio Blanco.....  | 33.39        | 33.70   | 44.00   | 35.73   | 54.23     | 44.33   | 70.23   | 53.57   |
| Rio Grande.....  | 32.93        | 32.61   | 40.61   | 34.78   | 50.00     | 50.24   | 70.00   | 50.64   |
| Routt .....      | 37.06        | 33.44   | 58.65   | 36.65   | 50.19     | 50.20   | 72.45   | 50.50   |
| Saguache .....   | 33.38        | 33.59   | 39.55   | 33.67   | 50.04     | 50.00   | 60.00   | ....    |
| San Juan.....    | 35.17        | 35.38   | 47.21   | ....    | 42.22     | 41.40   | 65.16   | 57.10   |
| San Miguel.....  | 33.13        | 31.75   | 47.96   | 38.00   | 49.73     | 49.91   | 76.90   | 63.86   |
| Sedgwick .....   | 33.52        | 33.29   | 41.60   | 35.21   | 43.88     | 47.51   | 69.13   | 49.58   |
| Summit .....     | 33.79        | 33.63   | 54.66   | 35.16   | 40.00     | 40.00   | 75.00   | ....    |
| Teller .....     | 35.48        | 34.69   | 40.17   | 33.41   | 42.28     | 41.21   | 60.09   | 46.05   |
| Washington ....  | 33.46        | 32.60   | 41.88   | 35.23   | 35.26     | 41.96   | 75.30   | 61.76   |
| Weld .....       | 34.38        | 34.30   | 44.38   | 35.35   | 45.46     | 47.57   | 75.18   | 51.87   |
| Yuma .....       | 33.33        | 37.87   | 41.25   | 35.23   | 40.93     | 43.95   | 65.37   | ....    |
| State.....       | \$34.13      | \$34.06 | \$44.30 | \$34.74 | \$46.94   | \$47.82 | \$71.06 | \$51.10 |

**ASSESSED VALUE OF LIVESTOCK IN COLORADO, 1930 AND 1929**  
(Compiled from Records of the State Tax Commission)

| COUNTY            | Horses<br>1930 | Mules<br>1930 | Range<br>Cattle<br>1930* | Dairy<br>Cattle<br>1930 | Sheep<br>1930 | Swine<br>1930 | All Other<br>Animals<br>1930† | Total<br>1930 | Total<br>1929 |
|-------------------|----------------|---------------|--------------------------|-------------------------|---------------|---------------|-------------------------------|---------------|---------------|
| Adams .....       | \$ 203,520     | \$ 13,540     | \$ 182,910               | \$ 321,010              | \$ 27,500     | \$ 91,390     | \$ 13,610                     | \$ 853,490    | \$ 854,660    |
| Alamosa .....     | 97,580         | 10,675        | 209,185                  | 58,190                  | 51,920        | 16,840        | 11,115                        | 444,300       | 450,030       |
| Arapahoe .....    | 96,280         | 8,215         | 220,825                  | 227,770                 | 43,415        | 13,765        | 11,415                        | 621,635       | 688,260       |
| Archuleta .....   | 36,635         | 2,240         | 306,237                  | 32,695                  | 123,770       | 3,184         | 3,395                         | 508,356       | 537,263       |
| Baca .....        | 124,238        | 16,510        | 747,781                  | 65,430                  | 41,580        | 52,797        | 3,650                         | 1,051,986     | 1,094,201     |
| Bent .....        | 117,265        | 18,635        | 445,300                  | 69,435                  | 96,435        | 20,440        | .....                         | 767,510       | 731,610       |
| Boulder .....     | 141,440        | 19,580        | 193,650                  | 257,480                 | 31,340        | 14,870        | 18,580                        | 676,940       | 742,360       |
| Chaffee .....     | 38,120         | 770           | 171,825                  | 45,020                  | 34,165        | 12,345        | 1,075                         | 202,390       | 303,980       |
| Cheyenne .....    | 70,345         | 10,085        | 666,365                  | 44,500                  | 57,435        | 26,845        | .....                         | 875,575       | 883,329       |
| Clear Creek ..... | 57,125         | 30            | 66,920                   | 4,970                   | 10,545        | .....         | 20                            | 27,610        | 23,360        |
| Conchos .....     | 87,965         | 11,580        | 369,580                  | 78,650                  | 452,440       | 30,205        | .....                         | 1,028,515     | 1,255,815     |
| Costilla .....    | 47,665         | 2,380         | 66,390                   | 13,190                  | 127,440       | 12,315        | 1,465                         | 277,345       | 290,265       |
| Crowley .....     | 83,100         | 1,390         | 225,450                  | 47,140                  | 33,470        | 17,015        | 890                           | 529,455       | 561,035       |
| Custer .....      | 32,865         | 1,000         | 203,975                  | 35,070                  | 23,570        | 2,200         | 5,350                         | 306,530       | 331,355       |
| Delta .....       | 134,765        | 13,480        | 571,085                  | 209,750                 | 289,350       | 22,180        | 15,235                        | 1,255,845     | 1,348,765     |
| Denver .....      | 28,180         | 2,450         | .....                    | 15,290                  | .....         | .....         | 6,490                         | 52,410        | 72,040        |
| Dolores .....     | 10,950         | 2,320         | 98,643                   | 13,126                  | 92,185        | 1,885         | 1,092                         | 220,201       | 234,350       |
| Douglas .....     | 99,150         | 3,550         | 469,570                  | 240,310                 | 8,390         | 7,830         | 32,550                        | 861,350       | 907,750       |
| Eagle .....       | 88,965         | 4,190         | 575,899                  | 59,600                  | 147,498       | 5,616         | 2,065                         | 883,833       | 960,699       |
| Elbert .....      | 180,985        | 23,575        | 742,369                  | 308,325                 | 58,440        | 39,547        | 2,985                         | 1,415,431     | 1,485,280     |
| El Paso .....     | 138,360        | 39,450        | 731,380                  | 360,420                 | 33,360        | 33,430        | 36,770                        | 1,373,170     | 1,429,750     |
| Fremont .....     | 42,395         | 6,796         | 273,975                  | 89,832                  | 15,925        | 12,398        | 3,085                         | 444,406       | 438,251       |
| Garfield .....    | 193,685        | 12,900        | 856,320                  | 166,670                 | 484,930       | 25,825        | 9,665                         | 1,749,395     | 1,840,685     |
| Gilpin .....      | 37,735         | 20            | 16,001                   | 1,720                   | .....         | 35            | 4,222                         | 25,643        | 35,260        |
| Grand .....       | 53,070         | 540           | 393,185                  | 60,950                  | 94,375        | 1,600         | 1,280                         | 611,500       | 596,980       |
| Gunnison .....    | 99,190         | 12,900        | 354,250                  | 63,470                  | 274,100       | 2,085         | 4,340                         | 1,410,835     | 1,457,930     |
| Hinsdale .....    | 5,185          | .....         | 46,279                   | 10,704                  | 21,545        | .....         | 25                            | 83,738        | 70,316        |
| Huerfano .....    | 51,475         | 32,605        | 391,233                  | 76,123                  | 140,199       | 4,060         | 775                           | 696,470       | 847,095       |
| Jackson .....     | 50,440         | 1,460         | 901,880                  | 34,800                  | 141,190       | 840           | 1,080                         | 1,131,600     | 1,213,530     |
| Jefferson .....   | 96,645         | 6,345         | 312,800                  | 236,420                 | 16,535        | 8,850         | 98,555                        | 773,180       | 770,135       |

|                  |              |            |              |              |              |              |            |              |              |
|------------------|--------------|------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|
| Kiowa .....      | 44,360       | 6,640      | 443,650      | 28,150       | 46,695       | 12,625       | 8,460      | 590,580      | 619,910      |
| Kit Carson ..... | 265,736      | 37,825     | 562,024      | 272,145      | 23,874       | 127,292      | 387        | 1,289,583    | 1,216,543    |
| Lake .....       | 8,360        | 100        | 14,090       | 8,150        | 2,265        | 10,755       | ...        | 32,965       | 34,870       |
| La Plata .....   | 83,005       | 4,900      | 392,245      | 123,490      | 172,575      | 10,755       | 7,775      | 794,845      | 898,090      |
| Larimer .....    | 267,700      | 30,980     | 613,450      | 139,990      | 93,470       | 24,520       | 10,500     | 1,360,610    | 1,429,650    |
| Las Animas ..... | 68,920       | 1,447,187  | 1,622,068    | 1,447,187    | 486,043      | 12,892       | 14,852     | 2,331,401    | 2,208,938    |
| Lincoln .....    | 131,835      | 21,075     | 846,085      | 136,835      | 57,180       | 49,945       | ...        | 1,242,605    | 1,278,185    |
| Logan .....      | 319,250      | 32,855     | 628,555      | 302,035      | 19,453       | 121,065      | 9,025      | 1,432,038    | 1,478,380    |
| Mesa .....       | 200,655      | 18,310     | 1,093,920    | 324,830      | 552,640      | 37,890       | 735        | 2,228,980    | 2,153,930    |
| Mineral .....    | 9,195        | 710        | 43,320       | 3,910        | 67,195       | ...          | 225        | 130,555      | 132,440      |
| Moñat .....      | 104,380      | 6,905      | 426,265      | 67,080       | 496,840      | 6,815        | 810        | 1,103,125    | 1,256,105    |
| Montezuma .....  | 17,875       | 9,100      | 268,960      | 127,120      | 235,020      | 6,850        | 3,495      | 718,420      | 850,780      |
| Montrose .....   | 148,010      | 9,340      | 502,305      | 159,235      | 344,630      | 38,420       | 5,100      | 1,207,540    | 1,351,152    |
| Morgan .....     | 269,310      | 34,320     | 331,580      | 250,290      | 8,500        | 75,110       | 3,870      | 972,980      | 1,134,580    |
| Otero .....      | 188,445      | 46,155     | 374,875      | 169,715      | 162,400      | 37,725       | 1,945      | 981,260      | 988,750      |
| Ouray .....      | 16,570       | 1,250      | 198,585      | 22,460       | 75,600       | 1,421        | 25         | 315,911      | 336,163      |
| Park .....       | 58,860       | 3,430      | 398,740      | 34,710       | 246,370      | 460          | 3,540      | 746,110      | 894,095      |
| Phillips .....   | 105,175      | 16,160     | 114,980      | 115,070      | 1,275        | 79,385       | 380        | 432,425      | 432,340      |
| Pitkin .....     | 27,400       | 340        | 165,025      | 20,120       | 35,375       | 2,640        | 2,365      | 253,265      | 315,305      |
| Prowers .....    | 185,516      | 31,551     | 464,309      | 157,470      | 76,631       | 60,696       | 235        | 976,408      | 1,109,042    |
| Pueblo .....     | 155,295      | 18,645     | 642,580      | 202,635      | 68,440       | 24,605       | 4,035      | 1,116,635    | 1,160,865    |
| Rio Blanco ..... | 88,115       | 6,935      | 898,900      | 39,555       | 395,460      | 3,210        | ...        | 1,432,175    | 1,570,485    |
| Rio Grande ..... | 106,085      | 24,730     | 309,480      | 65,100       | 281,705      | 36,240       | 19,945     | 843,285      | 868,880      |
| Rout .....       | 209,750      | 1,500      | 905,390      | 166,630      | 456,820      | 13,250       | 2,590      | 1,755,990    | 1,841,620    |
| Saguache .....   | 80,918       | 9,265      | 838,623      | 40,080       | 447,967      | 15,095       | 1,770      | 1,433,718    | 1,647,688    |
| San Juan .....   | 2,555        | 1,220      | 5,030        | 1,140        | 47,318       | ...          | ...        | 56,962       | 79,833       |
| San Miguel ..... | 29,215       | 1,230      | 169,525      | 30,785       | 221,585      | 1,635        | 4,060      | 458,035      | 555,390      |
| Sedgewick .....  | 98,440       | 12,240     | 180,540      | 91,180       | 6,255        | 43,395       | 1,645      | 433,695      | 477,695      |
| Summit .....     | 17,670       | 90         | 117,530      | 14,400       | 11,720       | 375          | 1,050      | 162,835      | 146,540      |
| Teller .....     | 19,450       | 2,430      | 158,865      | 24,100       | 1,980        | 505          | 7,025      | 214,355      | 188,120      |
| Washington ..... | 218,945      | 17,335     | 757,627      | 119,180      | 74,550       | 126,250      | 825        | 1,314,712    | 1,316,666    |
| Weld .....       | 848,670      | 93,060     | 749,890      | 916,770      | 130,650      | 111,280      | 209,480    | 3,050,800    | 3,152,000    |
| Yuma .....       | 300,210      | 47,720     | 897,680      | 321,980      | 18,760       | 183,450      | 1,580      | 1,771,180    | 1,767,820    |
| State .....      | \$ 7,294,217 | \$ 917,187 | \$27,312,372 | \$ 8,092,468 | \$ 8,340,788 | \$ 1,746,068 | \$ 605,793 | \$54,308,893 | \$57,407,042 |

Note—This table does not include sheep and cattle fed in transit.

\* Includes pure bred cattle not classified.

† Includes goats, burros, foxes, rabbits and other small animals.



**AVERAGE VALUE OF SHEEP AND SWINE PER HEAD AS RETURNED BY COUNTY  
ASSESSORS IN 1914, 1919, 1929, 1930**

| COUNTY            | SHEEP   |         |         |         | SWINE   |         |         |         |
|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                   | 1930    | 1929    | 1919    | 1914    | 1930    | 1929    | 1919    | 1914    |
| Adams .....       | \$ 5.50 | \$ 8.00 | \$ 7.39 | \$ 3.02 | \$ 7.75 | \$ 9.02 | \$15.06 | \$ 9.03 |
| Alamosa .....     | 6.13    | 8.03    | 10.20   | 2.47    | 11.66   | 11.71   | 16.96   | 8.30    |
| Arapahoe .....    | 5.54    | 8.00    | 10.00   | 3.50    | 10.14   | 8.18    | 15.00   | 9.31    |
| Archuleta .....   | 5.53    | 8.12    | 10.00   | 3.00    | 7.69    | 7.69    | 10.50   | 5.89    |
| Baca .....        | 5.50    | 8.00    | 9.00    | 2.50    | 8.76    | 8.64    | 12.00   | 4.45    |
| Bent .....        | 5.50    | 7.23    | 9.40    | 2.64    | 11.10   | 10.52   | 9.77    | 5.89    |
| Boulder .....     | 5.50    | 7.25    | 9.34    | 3.33    | 10.39   | 10.52   | 16.47   | 10.29   |
| Chaffee .....     | 5.55    | 8.18    | 10.00   | 3.88    | 8.46    | 9.40    | 11.19   | 6.21    |
| Cheyenne .....    | 5.52    | 7.45    | 10.01   | 3.00    | 10.01   | 10.78   | 20.67   | 7.58    |
| Clear Creek ..... | 5.50    | 6.19    | 10.00   | ....    | ....    | 12.00   | 18.12   | ....    |
| Conejos .....     | 5.51    | 7.91    | 10.00   | 2.74    | 11.39   | 8.91    | 13.00   | 6.48    |
| Costilla .....    | 5.50    | 7.70    | 10.27   | 3.00    | 9.72    | 10.01   | 14.00   | 7.17    |
| Crowley .....     | 5.52    | 6.50    | 8.23    | 3.06    | 9.84    | 9.59    | 12.93   | 5.94    |
| Custer .....      | 5.56    | 7.35    | 10.00   | 2.62    | 7.31    | 7.38    | 13.48   | 5.10    |
| Delta .....       | 5.53    | 8.26    | 11.16   | 3.99    | 9.47    | 8.61    | 12.53   | 7.66    |
| Denver .....      | ....    | ....    | ....    | ....    | ....    | ....    | ....    | ....    |
| Dolores .....     | 5.50    | 6.98    | 10.53   | 4.00    | 14.07   | 8.97    | 12.90   | 7.33    |
| Douglas .....     | 7.84    | 8.01    | 10.00   | ....    | 10.52   | 11.42   | 15.04   | 7.90    |
| Eagle .....       | 5.50    | 8.00    | 9.80    | 2.99    | 12.00   | 12.00   | 12.16   | 5.41    |
| Elbert .....      | 5.58    | 6.37    | 9.55    | 2.39    | 10.69   | 10.38   | 16.35   | 7.09    |
| El Paso .....     | 5.53    | 7.59    | 10.00   | 2.49    | 10.05   | 9.93    | 16.47   | 7.44    |
| Fremont .....     | 5.59    | 6.34    | ....    | ....    | 8.93    | 8.64    | 13.80   | 6.59    |
| Garfield .....    | 5.52    | 8.01    | 10.00   | 3.96    | 9.53    | 9.57    | 10.70   | 5.17    |
| Gilpin .....      | ....    | ....    | 10.00   | ....    | 11.00   | 11.00   | 20.00   | ....    |
| Grand .....       | 5.65    | 7.57    | 10.00   | 2.51    | 10.00   | 10.00   | 13.96   | 5.00    |
| Gunnison .....    | 5.63    | 7.93    | 11.91   | 4.00    | 9.19    | 8.70    | 13.59   | 7.61    |
| Hinsdale .....    | 5.44    | 5.76    | 10.00   | 3.64    | ....    | ....    | 7.00    | 5.00    |
| Huerfano .....    | 5.51    | 7.41    | 10.00   | 3.04    | 9.06    | 8.21    | 15.00   | 6.23    |
| Jackson .....     | 5.50    | 6.61    | 10.07   | 2.70    | 10.00   | 10.76   | 12.24   | 10.00   |
| Jefferson .....   | 5.50    | 6.54    | 10.00   | 4.02    | 7.74    | 9.38    | 17.00   | 9.00    |
| Kiowa .....       | 5.50    | 6.15    | 10.00   | 3.00    | 12.57   | 12.83   | 17.75   | 7.54    |
| Kit Carson .....  | 5.50    | 7.30    | 10.88   | 3.03    | 10.24   | 10.23   | 15.94   | 7.88    |
| Lake .....        | 5.50    | 6.66    | 11.60   | 2.55    | ....    | ....    | ....    | ....    |
| La Plata .....    | 5.50    | 5.82    | 10.15   | 2.74    | 6.81    | 7.77    | 11.47   | 6.26    |
| Larimer .....     | 5.98    | 7.21    | 10.26   | 2.48    | 9.50    | 9.62    | 19.00   | 8.12    |
| Las Animas .....  | 6.15    | 7.83    | 10.00   | 3.49    | 11.05   | 7.84    | 9.00    | 12.65   |
| Lincoln .....     | 5.51    | 7.65    | 10.07   | 2.49    | 9.42    | 9.73    | 15.35   | 6.77    |
| Logan .....       | 5.50    | 3.97    | 10.81   | 4.06    | 9.70    | 9.32    | 15.63   | 9.11    |
| Mesa .....        | 5.60    | 7.85    | 10.85   | 3.93    | 11.31   | 11.03   | ....    | 6.82    |
| Mineral .....     | 5.73    | 7.68    | 10.00   | 3.49    | ....    | ....    | 11.25   | ....    |
| Moffat .....      | 5.60    | 6.83    | 11.20   | 3.99    | 10.53   | 9.96    | 12.00   | 5.93    |
| Montezuma .....   | 5.50    | 6.99    | 10.35   | 4.00    | 6.71    | 6.40    | 11.21   | 10.00   |
| Montrose .....    | 5.50    | 7.05    | 13.03   | 3.57    | 9.73    | 9.08    | 12.86   | 5.71    |
| Morgan .....      | 5.50    | 4.48    | 10.00   | 2.65    | 8.14    | 9.51    | 14.14   | 8.08    |
| Otero .....       | 5.50    | 6.56    | 9.72    | 2.71    | 9.62    | 8.74    | 13.57   | 7.26    |
| Ouray .....       | 5.50    | 7.53    | 15.70   | 3.96    | 7.00    | 6.93    | 10.52   | 6.24    |
| Park .....        | 5.86    | 7.86    | 9.47    | 2.75    | 11.00   | 11.78   | 15.40   | 11.78   |
| Phillips .....    | 6.00    | 8.12    | ....    | ....    | 10.05   | 10.25   | 16.56   | 9.90    |
| Pitkin .....      | 5.71    | 7.97    | 10.00   | 1.84    | 8.38    | 9.73    | 14.00   | 5.51    |
| Prowers .....     | 5.50    | 3.69    | 8.16    | 2.35    | 8.71    | 9.40    | 14.20   | 6.13    |
| Pueblo .....      | 5.50    | 7.03    | 12.75   | 3.71    | 7.57    | 7.54    | 14.19   | 6.17    |
| Rio Blanco .....  | 5.65    | 8.00    | 12.02   | ....    | 10.00   | 10.00   | 13.27   | 7.59    |
| Rio Grande .....  | 5.50    | 6.62    | 10.03   | 3.56    | 13.71   | 12.03   | 16.10   | 8.41    |
| Routt .....       | 5.74    | 7.33    | 12.50   | 3.50    | 5.28    | 6.50    | 17.95   | 8.20    |
| Saguache .....    | 5.65    | 8.02    | 10.00   | 2.47    | 12.68   | 13.43   | 15.52   | 8.30    |
| San Juan .....    | 5.51    | 7.68    | 10.01   | 3.97    | ....    | ....    | ....    | ....    |
| San Miguel .....  | 5.53    | 7.73    | 10.72   | 2.69    | 9.67    | 10.30   | 14.25   | 7.44    |
| Sedgwick .....    | 5.50    | 7.26    | 5.97    | 2.79    | 12.83   | 12.33   | 18.23   | 10.65   |
| Summit .....      | 5.50    | 8.00    | 12.00   | 4.00    | 12.00   | 15.00   | 15.00   | 10.00   |
| Teller .....      | 5.53    | 7.39    | ....    | ....    | 10.10   | 9.19    | 10.93   | 5.90    |
| Washington .....  | 5.51    | 6.99    | 9.05    | 3.39    | 9.82    | 9.89    | 15.79   | 8.83    |
| Weld .....        | 5.50    | 7.34    | 11.14   | 2.67    | 10.38   | 10.43   | 14.90   | 8.44    |
| Yuma .....        | 5.65    | 6.31    | 10.10   | 2.88    | 10.47   | 10.80   | 18.90   | 8.24    |
| State .....       | \$ 5.61 | \$ 7.41 | \$10.46 | \$ 3.12 | \$ 9.76 | \$ 9.77 | \$15.14 | \$ 7.86 |

## Dairying

**D**AIRYING ranks as one of Colorado's most important industries. In the fiscal year ending June 30, 1930, there were 180 plants in the state engaged in manufacturing dairy products under licenses from the state dairy commissioner. The products of these plants included butter, cheese, ice cream, condensed and evaporated milk and dried and malted milk. The output of these factories during the year, as reported by the state dairy commissioner, was valued at \$15,308,385, which with the value of farm butter and milk for fluid use, gave a total value of all dairy products for that year of \$28,635,024. Colorado ranked 18th among the states of the Union in 1927 in the number of pounds of butter produced in manufacturing plants and 13th in the value of its cheese output, as reported by the bureau of the census on manufactures for that year. Its exports of dairy products have exceeded in value its imports for a period of several years.

The value of all dairy products, including the products of the factories, as reported by the state dairy commissioner for fiscal years ending on June 30, was as follows:

|            |              |
|------------|--------------|
| 1923 ..... | \$23,348,356 |
| 1924 ..... | 28,543,590   |
| 1925 ..... | 25,832,969   |
| 1926 ..... | 26,430,336   |
| 1927 ..... | 28,902,412   |
| 1928 ..... | 31,453,025   |
| 1929 ..... | 33,134,695   |
| 1930 ..... | 28,635,025   |

While there was a decrease of \$4,499,670 in the value of all dairy products in 1930 as compared with 1929, this was due to lower prices in part and in part to a revision of estimates of milk for fluid use based on the 1930 census figures on population. The quantity of products showed an increase.

The value of factory products, butter, cheese, condensed milk, etc., as reported by the state dairy inspector for the fiscal years ending June 30, was as follows:

|            |              |
|------------|--------------|
| 1923 ..... | \$11,354,477 |
| 1924 ..... | 14,004,422   |
| 1925 ..... | 12,114,710   |
| 1926 ..... | 13,450,855   |
| 1927 ..... | 14,533,764   |
| 1928 ..... | 17,117,396   |
| 1929 ..... | 18,553,840   |
| 1930 ..... | 15,308,386   |

Butter production in the fiscal year ending June 30, 1930, was 23,004,776 pounds, valued at \$8,511,767, which compares with 21,747,865 pounds, valued at \$10,547,715, in 1929, an increase of 1,256,911 pounds and a decrease of \$2,035,948 in value.

The production of cheese of all varieties in the factories of the state has shown a steady increase by years. The total for 1930 was 5,553,597 pounds, which compares with 5,344,006 pounds in 1929 and 3,842,816 pounds in 1928. The value, with the exception of 1930, also has shown a consistent increase. Total value in 1930 was \$986,762, against \$1,023,190 in 1929, \$748,131 in 1928 and \$407,863 in 1927.

An accompanying table shows in detail the dairy operations of the state for 1930, with comparisons for 1929 and 1928, as reported by the state dairy commissioner.

The number of plants in the state identified with dairying as of June 30 of the years named as reported by the state dairy inspector is as follows:

|   | 1930  | 1929  | 1928  |
|---|-------|-------|-------|
| Creameries .....                          | 76    | 81    | 80    |
| Ice cream plants.....                     | 82    | 84    | 95    |
| Cheese factories.....                     | 19    | 18    | 20    |
| Malted and dried milk plants .....        | 1     | 4     | 5     |
| Condensaries and evaporated milk plants.. | 5     | 6     | 6     |
| Cottage cheese factories .....            | 23    | ..    | ..    |
| Receiving stations....                    | 384   | 404   | 417   |
| Licensed plants.....                      | 180   | 178   | 181   |
| Licensed operators....                    | 1,238 | 1,265 | 1,270 |

Of the above, 27 creameries made no other product than butter; 44 ice cream plants made no other product than ice cream; 15 cheese plants made no other product than cheese; one plant made no other product than malted milk; and nine plants made no other product than cottage cheese.

The average production per year of dairy cows milked in 1924, the latest figures released by the census bureau, was 421 gallons, which compares with 348 gallons average in 1919 and 357 gallons in 1909. The bureau reported a total of 229,700 cows milked in 1924. Of that number, 156,292, or 68 per cent, were distributed in 20 of the 63 counties of the state. This distribution indicates the principal dairying counties of the state and is as follows:

| County           | Number |
|------------------|--------|
| Weld .....       | 23,606 |
| El Paso.....     | 10,315 |
| Elbert .....     | 9,339  |
| Yuma .....       | 9,018  |
| Washington ..... | 8,360  |
| Adams .....      | 7,664  |
| Arapahoe .....   | 7,368  |
| Baca .....       | 7,056  |
| Mesa .....       | 6,854  |
| Pueblo .....     | 6,700  |
| Logan .....      | 6,653  |
| Kit Carson.....  | 6,539  |
| Lincoln .....    | 6,514  |
| Boulder .....    | 6,397  |
| Morgan .....     | 6,252  |
| Larimer .....    | 5,978  |
| Jefferson .....  | 5,851  |
| Douglas .....    | 5,470  |
| Prowers .....    | 5,317  |
| Delta .....      | 5,041  |

The most rapid development in the dairy industry during the past decade has been in the non-irrigated districts of eastern Colorado. This has been due largely to a change in general farming methods in these districts.

Forage crops now are being grown extensively and nearly all farmers are keeping a few dairy cattle to consume this forage. Silos for storing forage for winter feed have been built quite extensively in this region as a part of the dairying program. In 1929 there were 2,028 silos, with an aggregate capacity of 221,133 tons, reported in the state.

There is published in this volume a table showing the number of cows milked, gallons of milk produced, pounds of butterfat sold, pounds of butter made on farms, gallons of cream sold, gallons of milk sold, and value of dairy products by counties in 1924 as shown by the census. Other useful data may be found in the chapter and tables on the livestock industry. Another table gives the figures by years for the dairy industry as reported by the state dairy commissioner.

#### DAIRYING AS SHOWN BY THE CENSUS OF AGRICULTURE

|   | 1924        | 1919       | 1909       | 1899       | 1889       |
|---|-------------|------------|------------|------------|------------|
| Milk produced, gals.-----                           | 96,649,262  | 79,492,631 | 51,670,038 | 38,440,111 | 19,080,791 |
| Butter made on farms<br>and in factories, lbs.----- | *22,606,046 | 19,758,313 | 12,207,823 | 6,499,121  | 3,621,086  |
| Cheese made on farms<br>and in factories, lbs.----- | †1,994,000  | 1,320,326  | 620,517    | 1,568,441  | 131,683    |

\*Estimated on basis of 17,460,860 pounds made in factories in year ending June 30, 1925, as reported by state dairy commissioner, and 5,245,186 pounds made on the farms in calendar year of 1924 as reported by the census bureau.

†Estimated on basis of 1,805,445 pounds made in factories in year ending June 30, 1925, as reported by state dairy commissioner, and 188,618 pounds made on farms, same being the 1919 census figure plus a 20 per cent increase.

#### BUTTER, CHEESE AND CONDENSED MILK, BY YEARS

Note.—This table is compiled from reports of census bureau on manufactures and consists of establishments not on farms. Farm production of butter and cheese is treated as an agricultural operation and is not, therefore, covered by the census of manufactures.

|                                | 1927       | 1925       | 1923       | 1921       | 1919       |
|--------------------------------|------------|------------|------------|------------|------------|
| Number establishments.....     | 79         | 68         | 72         | 69         | 78         |
| Persons engaged.....           | 916        | 730        | 738        | 689        | 705        |
| Salaries paid.....             | \$ 419,299 | \$ 332,173 | \$ 356,963 | \$ 361,208 | \$ 401,322 |
| Wages .....                    | 703,697    | 536,462    | 596,646    | 546,245    | 454,200    |
| Cost of materials.....         | 11,325,801 | 10,050,581 | 10,046,537 | 7,881,073  | 9,947,799  |
| Value of products.....         | 13,977,398 | 12,030,768 | 11,968,458 | 9,845,569  | 11,905,940 |
| Value added by manufacture.... | 2,489,432  | 1,980,187  | 1,921,921  | 1,964,496  | 1,958,141  |



DAIRY INDUSTRY FOR YEARS ENDING JUNE 30, 1928, 1929 AND 1930  
(State Dairy Commissioner)

|  | 1928       |              | 1929       |              | 1930       |              |
|--|------------|--------------|------------|--------------|------------|--------------|
|  | Quantity   | Value        | Quantity   | Value        | Quantity   | Value        |
| Butter, lbs.-----  | 21,509,392 | \$ 9,894,320 | 21,747,865 | \$10,547,715 | 23,004,776 | \$ 8,511,767 |
| Ice cream, gals.-----                                    | 2,351,847  | 2,587,032    | 2,609,031  | 2,609,031    | 2,567,803  | 2,696,193    |
| Cheddar (whole milk)<br>cheese, lbs.-----                | 2,144,200  | 493,166      | 3,004,618  | 639,984      | 3,061,183  | 612,237      |
| Cheddar (part skim)<br>cheese, lbs.-----                 | 935,051    | 174,790      | 1,281,746  | 240,968      | 1,139,493  | 193,714      |
| Brick and Munster<br>cheese, lbs.-----                   | 23,505     | 4,701        | 23,815     | 4,763        | 24,080     | 4,575        |
| Limburger cheese, lbs.-----                              | 4,595      | 919          | 4,460      | 892          | 4,610      | 876          |
| Italian varieties (includ-<br>ing goat cheese) lbs.----- | 39,600     | 8,910        | 39,500     | 7,900        | 330,000    | 66,000       |
| Cottage cheese, lbs.-----                                | 695,865    | 65,545       | 989,867    | 128,683      | 994,251    | 109,366      |
| Condensed milk (sweet-<br>ened) lbs.-----                | 259,257    | 6,170        | 138,413    | 11,073       | 185,337    | 11,120       |
| Evaporated milk (unsweet-<br>ened) lbs.-----             | 33,149,720 | 3,480,721    | 32,028,612 | 3,523,147    | 24,044,376 | 2,091,861    |
| Condensed skim milk<br>(sweetened) lbs.-----             | 351,301    | 20,130       | 488,201    | 30,513       | 335,041    | 9,026        |
| Evaporated skim milk<br>(unsweetened) lbs.-----          | 737,826    | 17,255       | 965,299    | 26,063       | 916,767    | 18,335       |
| Concentrated skim (ani-<br>mal feed) lbs.-----           | 20,964     | 629          | -----      | -----        | -----      | -----        |
| Condensed or evaporated<br>buttermilk, lbs.-----         | 62,675     | 2,256        | 213,341    | 7,637        | 156,221    | 9,373        |
| Dried or powdered<br>skim, lbs.-----                     | 376,269    | 41,390       | 283,403    | 31,174       | 216,110    | 14,047       |
| Dried or powdered butter-<br>milk, lbs.-----             | 495,695    | 37,175       | 569,856    | 34,191       | 570,012    | 34,201       |
| Malted milk, lbs.-----                                   | 940,958    | 282,287      | 2,536,092  | 710,106      | 3,702,781  | 925,695      |
| Value, factory products----                              |            | \$17,117,396 |            | \$18,553,840 |            | \$15,308,386 |
| Milk for fluid use (est.)----                            | 60,905,042 | \$11,313,721 | 60,905,042 | \$11,418,477 | 57,237,877 | \$11,075,529 |
| Farm butter (est.)-----                                  | 4,959,271  | 2,281,264    | 4,916,992  | 2,384,741    | 4,600,000  | 1,702,000    |
| Total -----  |            | \$13,594,985 |            | \$13,803,218 |            | \$12,777,529 |
| Milk exported, lbs.-----                                 | 329,989    | \$ 7,128     | 2,028,640  | \$ 44,224    | 2,778,627  | \$ 62,519    |
| Cream exported (B. F.)<br>lbs. -----                     | 3,278,618  | 1,377,020    | 3,806,766  | 1,674,977    | 3,541,215  | 1,133,189    |
| Value exports-----                                       |            | \$ 1,384,148 |            | \$ 1,719,201 |            | \$ 1,195,702 |
| Milk imported, lbs.-----                                 | 1,224,439  | \$ 26,448    | 1,379,858  | \$ 30,081    | 349,678    | 7,868        |
| Cream imported (B. F.)<br>lbs. -----                     | 1,469,178  | 617,055      | 2,071,553  | 911,483      | 1,996,032  | 638,730      |
| Value imports-----                                       |            | \$ 643,503   |            | \$ 941,564   |            | \$ 646,598   |
| Recapitulation:  |            |              |            |              |            |              |
| Factory products-----                                    |            | \$17,117,396 |            | \$18,553,840 |            | \$15,308,386 |
| Produced and used on<br>farms -----                      |            | 13,594,985   |            | 13,803,218   |            | 12,777,529   |
| Excess exports over<br>imports -----                     |            | 740,645      |            | 777,637      |            | 549,110      |
| Value all dairy products--                               |            | \$31,453,026 |            | \$33,134,695 |            | \$28,635,025 |

**DAIRY CATTLE AND DAIRY PRODUCTS IN COLORADO, 1924**  
(U. S. Census)

| COUNTY           | Number<br>of Cows<br>Milked | Gallons<br>Milk<br>Produced | Pounds<br>Butterfat<br>Sold | Pounds<br>Butter<br>Made<br>on Farms | Gallons<br>Cream<br>Sold | Gallons<br>Milk<br>Sold | Value<br>of Dairy<br>Products |
|------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------------|--------------------------|-------------------------|-------------------------------|
| Adams-----       | 7,664                       | 4,437,456                   | 574,475                     | 107,260                              | 8,761                    | 1,840,297               | \$ 626,821                    |
| Alamosa-----     | 1,462                       | 633,046                     | 72,998                      | 33,965                               | 23,589                   | 111,735                 | 99,440                        |
| Arapahoe-----    | 7,368                       | 3,993,456                   | 551,388                     | 87,061                               | 17,433                   | 1,584,701               | 565,995                       |
| Archuleta-----   | 1,061                       | 392,570                     | 67,580                      | 22,626                               | 998                      | 22,827                  | 38,577                        |
| Baca-----        | 7,056                       | 1,834,560                   | 322,162                     | 118,350                              | 21,710                   | 10,715                  | 183,495                       |
| Bent-----        | 2,538                       | 1,180,608                   | 52,551                      | 49,891                               | 25,791                   | 501,659                 | 171,768                       |
| Boulder-----     | 6,397                       | 3,217,691                   | 607,127                     | 145,855                              | 8,848                    | 516,428                 | 388,205                       |
| Chaffee-----     | 1,001                       | 497,497                     | 56,248                      | 31,707                               | 5,830                    | 118,930                 | 69,876                        |
| Cheyenne-----    | 2,916                       | 912,708                     | 172,111                     | 62,894                               | 8,959                    | 12,230                  | 92,431                        |
| Clear Creek----- | 36                          | 11,448                      | 112                         | 1,195                                | 50                       | 2,035                   | 1,061                         |
| Conejos-----     | 2,158                       | 664,664                     | 62,282                      | 55,500                               | 18,776                   | 12,131                  | 71,964                        |
| Costilla-----    | 569                         | 255,295                     | 12,390                      | 21,444                               | 10,780                   | 11,400                  | 30,274                        |
| Crowley-----     | 1,917                       | 699,705                     | 73,615                      | 43,808                               | 18,707                   | 37,475                  | 74,047                        |
| Custer-----      | 1,122                       | 336,600                     | 47,604                      | 35,904                               | 373                      | 5,980                   | 32,200                        |
| Delta-----       | 5,041                       | 2,313,819                   | 421,205                     | 165,905                              | 9,628                    | 111,387                 | 237,033                       |
| Denver-----      | 662                         | 547,474                     | 32,490                      | 10,221                               | ---                      | 386,800                 | 92,538                        |
| Dolores-----     | 331                         | 93,011                      | 2,747                       | 7,957                                | 1,546                    | 115                     | 5,824                         |
| Douglas-----     | 5,470                       | 2,877,220                   | 736,452                     | 9,162                                | 28,295                   | 331,645                 | 351,720                       |
| Eagle-----       | 1,172                       | 451,220                     | 64,378                      | 40,777                               | 7,098                    | 24,093                  | 50,917                        |
| Elbert-----      | 9,339                       | 3,586,176                   | 899,915                     | 115,054                              | 3,256                    | 156,214                 | 368,953                       |
| El Paso-----     | 10,315                      | 3,785,605                   | 474,924                     | 88,715                               | 6,577                    | 1,674,521               | 545,370                       |
| Fremont-----     | 1,886                       | 943,000                     | 70,099                      | 80,164                               | 4,998                    | 205,614                 | 113,298                       |
| Garfield-----    | 3,547                       | 1,670,637                   | 246,955                     | 97,261                               | 40,521                   | 100,465                 | 194,828                       |
| Gilpin-----      | 173                         | 63,552                      | ---                         | 4,668                                | 2,177                    | 24,444                  | 10,886                        |
| Grand-----       | 1,470                       | 621,810                     | 122,103                     | 44,664                               | 2,041                    | 30,341                  | 66,828                        |
| Gunnison-----    | 1,465                       | 603,580                     | 89,203                      | 57,947                               | 837                      | 68,680                  | 65,518                        |
| Hinsdale-----    | 135                         | 38,120                      | 4,832                       | 3,991                                | 605                      | 2,836                   | 4,674                         |
| Huerfano-----    | 2,314                       | 802,958                     | 89,172                      | 60,197                               | 2,601                    | 124,876                 | 85,789                        |
| Jackson-----     | 756                         | 305,424                     | 47,780                      | 31,831                               | 155                      | 13,570                  | 30,640                        |
| Jefferson-----   | 5,851                       | 3,545,706                   | 331,608                     | 102,900                              | 11,454                   | 1,737,463               | 607,854                       |
| Kiowa-----       | 3,171                       | 941,787                     | 188,167                     | 63,867                               | 260                      | 4,550                   | 87,604                        |
| Kit Carson-----  | 6,539                       | 1,870,154                   | 289,799                     | 141,158                              | 22,384                   | 13,579                  | 176,369                       |
| Lake-----        | 135                         | 64,083                      | 2,902                       | 1,952                                | 1,664                    | 31,890                  | 12,070                        |
| La Plata-----    | 3,613                       | 1,741,466                   | 328,767                     | 143,731                              | 3,973                    | 69,590                  | 185,445                       |
| Larimer-----     | 5,978                       | 2,749,880                   | 261,161                     | 192,116                              | 5,769                    | 843,718                 | 341,922                       |
| Las Animas-----  | 4,894                       | 1,624,808                   | 201,656                     | 102,544                              | 35,313                   | 263,957                 | 206,682                       |
| Lincoln-----     | 6,514                       | 2,136,592                   | 333,056                     | 127,079                              | 31,799                   | 43,215                  | 221,294                       |
| Logan-----       | 6,653                       | 2,940,626                   | 421,517                     | 222,018                              | 29,604                   | 140,255                 | 280,453                       |
| Mesa-----        | 6,854                       | 3,344,752                   | 580,637                     | 219,126                              | 15,244                   | 248,217                 | 345,096                       |
| Mineral-----     | 88                          | 36,100                      | 2,450                       | 4,823                                | 362                      | 7,177                   | 5,121                         |
| Moffat-----      | 2,230                       | 776,040                     | 107,310                     | 85,133                               | 5,208                    | 29,940                  | 80,094                        |
| Montezuma-----   | 2,615                       | 993,930                     | 165,072                     | 87,640                               | 1,436                    | 29,388                  | 95,923                        |
| Montrose-----    | 3,865                       | 1,638,760                   | 243,924                     | 127,543                              | 12,682                   | 64,923                  | 158,314                       |
| Morgan-----      | 6,252                       | 2,175,696                   | 419,381                     | 116,999                              | 3,680                    | 116,387                 | 203,569                       |
| Otero-----       | 4,832                       | 2,014,944                   | 111,525                     | 128,325                              | 52,290                   | 518,517                 | 259,742                       |
| Ouray-----       | 635                         | 272,415                     | 37,794                      | 21,537                               | 3,485                    | 30,427                  | 33,991                        |
| Park-----        | 760                         | 243,960                     | 23,401                      | 27,022                               | 2,739                    | 13,591                  | 25,655                        |
| Philips-----     | 3,348                       | 1,513,296                   | 94,731                      | 122,499                              | 75,222                   | 163,882                 | 212,104                       |
| Pitkin-----      | 740                         | 329,300                     | 45,564                      | 21,768                               | 8,895                    | 20,695                  | 39,703                        |
| Prowers-----     | 5,317                       | 2,100,215                   | 144,263                     | 108,282                              | 23,950                   | 853,426                 | 291,163                       |
| Pueblo-----      | 6,700                       | 3,216,000                   | 285,393                     | 112,647                              | 13,831                   | 1,508,740               | 457,571                       |
| Rio Blanco-----  | 1,537                       | 617,323                     | 100,810                     | 50,021                               | 5,795                    | 11,090                  | 61,210                        |
| Rio Grande-----  | 2,340                       | 1,036,620                   | 169,191                     | 76,117                               | 10,421                   | 109,775                 | 130,259                       |
| Routt-----       | 3,844                       | 1,699,048                   | 317,913                     | 121,770                              | 7,419                    | 67,050                  | 175,226                       |
| Saguache-----    | 1,004                       | 363,448                     | 50,190                      | 31,453                               | 6,277                    | 14,278                  | 41,813                        |
| San Juan-----    | ---                         | ---                         | ---                         | ---                                  | ---                      | ---                     | ---                           |
| San Miguel-----  | 1,354                       | 572,742                     | 43,264                      | 58,898                               | 22,203                   | 108,297                 | 98,091                        |
| Sedgwick-----    | 2,334                       | 1,073,640                   | 98,913                      | 85,173                               | 45,736                   | 17,775                  | 127,700                       |
| Summit-----      | 389                         | 202,830                     | 38,110                      | 17,383                               | 1,659                    | 14,560                  | 26,115                        |
| Teller-----      | 689                         | 209,595                     | 4,269                       | 20,994                               | 6,818                    | 54,227                  | 32,407                        |
| Washington-----  | 8,360                       | 2,800,600                   | 475,764                     | 198,592                              | 9,655                    | 29,265                  | 237,734                       |
| Weld-----        | 23,606                      | 11,024,002                  | 1,643,955                   | 458,934                              | 79,268                   | 2,434,437               | 1,359,492                     |
| Yuma-----        | 9,018                       | 3,002,994                   | 493,976                     | 209,168                              | 14,002                   | 44,879                  | 256,573                       |
| State-----       | 229,700                     | 96,649,262                  | 14,081,331                  | 5,245,186                            | 851,437                  | 17,703,304              | \$11,548,629                  |

## Poultry

CLIMATIC conditions are especially favorable for poultry raising in Colorado, and as a result the industry has made considerable progress in the last few years. Comparatively little rain and an abundance of sunshine make it possible for fowls to spend much of the time out of doors, with the result that diseases are less prevalent than in most sections of the country and young fowls make quick and vigorous growth.

Poultry raisers have found, also, that climatic conditions are favorable for the production of a good quality of fowl for the table, and the eggs are graded as being of extra quality and are in demand as far east as New York, to which state large quantities are exported annually.

Since Colorado is a comparatively new state, the poultry industry offers favorable opportunities for good profits, especially in the raising of the better grades of chickens with a view to improving the production of eggs. Almost all sections of the state with the exception of the mountainous counties, where the climate is too severe, are adapted to the raising of poultry. The state has not produced in the past sufficient quantities of chickens and eggs to meet the demand, and imports from adjoining states have been large, sometimes aggregating as much as \$5,000,000 in value a year. This condition has been overcome by the establishment of commercial poultry farms to which the owners devote all of their time instead of regarding poultry as a side line, and Colorado now is an exporting state. The introduction of the commercial poultry farm has had much to do with improving the quality of the poultry and products. In 1919, according to census reports, average egg production per hen was 59, but this has been increased to an average of more than 70 per hen.

The raising of chicks has grown into a substantial industry and it is estimated that 5,000,000 are being produced annually in the hatcheries of the state. Turkey raising also has increased rapidly and in some instances flocks are sufficiently large to warrant the use of horses in herding them. The number of turkeys marketed in the state is estimated at 300,000 in 1929 and 285,000 in 1930, the decrease be-

ing credited to unfavorable weather and hatching conditions. Approximately 40 per cent of the crop is marketed for Thanksgiving, 49 per cent for Christmas and 11 per cent later.

The turkey industry has flourished in many parts of the state, but for many years has been a leading phase of farm activity in southwestern Colorado. There are several ranches in that section of the state where thousands of these birds range much as other classes of livestock, and carlot shipments of dressed birds at the best market seasons are not uncommon.

The agricultural census as of April 1, 1931, included poultry, but so far only the preliminary figures on chickens have been released. These give the total number on the farms, not including chickens hatched after January 1, 1930, as 3,658,433.

The poultry figures of the census for 1925 are devoted principally to chickens and egg production. These show that the number of chickens raised in the state in 1924 was 5,005,977, compared with 3,880,873 in 1919, an increase of 1,125,104. In 1924, the number of dozens of eggs produced was 18,561,043, compared with 14,172,375 dozens in 1919, an increase of 4,388,668 dozens. The value of hens raised in 1924 was \$3,343,769 and of eggs produced, \$5,094,348. The number of chickens on the farms on January 1, 1925, as reported by the census bureau, was 3,571,618, compared with 2,874,721 on the same date in 1920, and 1,644,471 on April 15, 1910. The value of chickens on farms on dates mentioned was \$2,852,991 in 1925, and \$2,680,983 in 1920. The 1925 census figures on other classes of poultry for 1924 have not yet been published.

There is also published herewith a table showing all poultry on farms on January 1, 1920, and April 15, 1910, which shows the comparative value of classes of poultry other than chickens for the year named. These figures are not strictly comparable with the 1925 census because the 1925 figures are for the number raised, while the others are for numbers on farms on dates given.

A table published in connection with the chapter on livestock gives the number of poultry and assessed value by counties as reported by the county assessors.



## POULTRY AND EGGS IN COLORADO

| COUNTY      | All Poultry<br>Reported<br>by County<br>Assessors<br>1929 | U. S. CENSUS                 |           |                              |                           |            |                          |
|-------------|---|------------------------------|-----------|------------------------------|---------------------------|------------|--------------------------|
|             |   | Number of Chickens<br>Raised |           | Value of<br>Chickens<br>1925 | Eggs Produced<br>(Dozens) |            | Value<br>of Eggs<br>1924 |
|             |   | 1920                         | 1925      |                              | 1919                      | 1924       |                          |
| Adams       | 102,648   | 122,011                      | 195,426   | \$ 134,844                   | 435,917                   | 643,911    | \$ 173,856               |
| Alamosa     | 5,724   | 16,115                       | 17,511    | 10,507                       | 58,504                    | 71,050     | 20,606                   |
| Arapahoe    | 97,392  | 85,655                       | 137,121   | 95,985                       | 338,060                   | 639,062    | 178,937                  |
| Archuleta   | 8,864   | 13,626                       | 8,618     | 5,688                        | 68,663                    | 48,733     | 14,620                   |
| Baca        | 60,288  | 126,106                      | 141,215   | 91,790                       | 369,555                   | 479,120    | 134,154                  |
| Bent        | 61,152  | 70,798                       | 87,926    | 57,152                       | 257,829                   | 306,934    | 85,942                   |
| Boulder     | 64,956  | 127,924                      | 206,947   | 142,793                      | 462,695                   | 788,479    | 212,889                  |
| Chaffee     | 5,568   | 14,612                       | 22,815    | 15,971                       | 62,339                    | 49,809     | 14,943                   |
| Cheyenne    | 36,324  | 41,124                       | 67,852    | 47,496                       | 154,566                   | 260,861    | 70,241                   |
| Clear Creek | 1,248   | 993                          | 270       | 189                          | 3,971                     | 1,875      | 563                      |
| Conejos     | 11,940  | 26,561                       | 23,458    | 14,075                       | 142,833                   | 175,962    | 51,029                   |
| Costilla    | 6,540   | 13,343                       | 21,144    | 12,686                       | 65,732                    | 37,562     | 10,893                   |
| Crowley     | 32,784  | 43,016                       | 63,478    | 41,261                       | 133,436                   | 189,399    | 53,032                   |
| Custer      | 6,204   | 16,462                       | 10,232    | 6,139                        | 54,977                    | 48,213     | 13,982                   |
| Delta       | 57,168  | 99,576                       | 94,722    | 58,728                       | 393,455                   | 367,057    | 102,776                  |
| Denver      | 18,120  | 22,472                       | 15,506    | 15,506                       | 71,970                    | 104,680    | 28,264                   |
| Dolores     | 3,732   | 5,936                        | 5,170     | 3,412                        | 15,202                    | 17,063     | 5,119                    |
| Douglas     | 27,000  | 33,508                       | 39,429    | 27,600                       | 132,531                   | 124,126    | 34,755                   |
| Eagle       | 9,108   | 14,251                       | 13,192    | 8,179                        | 74,177                    | 77,689     | 21,753                   |
| Elbert      | 58,992  | 84,100                       | 101,220   | 70,854                       | 262,280                   | 487,325    | 136,451                  |
| El Paso     | 73,620  | 108,246                      | 162,200   | 113,540                      | 387,608                   | 582,012    | 162,963                  |
| Fremont     | 47,796  | 58,186                       | 86,640    | 60,648                       | 208,945                   | 340,420    | 102,126                  |
| Garfield    | 37,236  | 51,646                       | 54,855    | 34,010                       | 235,306                   | 217,954    | 61,027                   |
| Gilpin      | 1,594   | 1,138                        | 797       | 4,125                        | 8,062                     | 2,419      | 9,505                    |
| Grand       | 2,832   | 6,940                        | 7,145     | 4,501                        | 29,409                    | 33,945     | 9,664                    |
| Gunnison    | 7,164   | 8,873                        | 9,226     | 5,720                        | 45,858                    | 34,514     | 9,664                    |
| Hinsdale    | 252   | 654                          | 637       | 420                          | 1,881                     | 3,049      | 915                      |
| Huerfano    | 16,176  | 75,068                       | 40,149    | 24,089                       | 137,595                   | 116,770    | 33,863                   |
| Jackson     | 2,280   | 4,925                        | 5,261     | 3,327                        | 16,973                    | 23,745     | 6,649                    |
| Jefferson   | 120,792   | 128,936                      | 209,982   | 146,987                      | 500,420                   | 905,557    | 271,667                  |
| Kiowa       | 33,852  | 43,519                       | 78,554    | 51,060                       | 145,826                   | 241,903    | 67,733                   |
| Kit Carson  | 131,160   | 99,180                       | 142,359   | 99,651                       | 470,932                   | 495,525    | 138,747                  |
| Lake        | 232   | 134                          | 94        | 2,211                        | 2,714                     | 814        | 62,156                   |
| La Plata    | 28,728  | 52,568                       | 49,544    | 32,699                       | 226,338                   | 207,187    | 59,609                   |
| Larimer     | 97,680  | 124,934                      | 163,576   | 112,867                      | 460,039                   | 590,694    | 159,464                  |
| Las Animas  | 28,428  | 102,494                      | 101,824   | 66,186                       | 265,958                   | 291,851    | 81,718                   |
| Lincoln     | 72,840  | 75,260                       | 133,950   | 93,765                       | 325,585                   | 453,344    | 126,936                  |
| Logan       | 122,640   | 148,264                      | 227,244   | 149,981                      | 543,118                   | 817,630    | 204,408                  |
| Mesa        | 120,960   | 122,663                      | 129,744   | 80,441                       | 472,609                   | 610,793    | 171,022                  |
| Mineral     | 792   | 421                          | 572       | 378                          | 2,049                     | 4,531      | 1,359                    |
| Moffat      | 16,056  | 40,851                       | 31,599    | 19,907                       | 155,248                   | 109,620    | 30,694                   |
| Montezuma   | 23,352  | 46,858                       | 35,867    | 23,672                       | 198,802                   | 129,331    | 38,799                   |
| Montrose    | 47,616  | 74,312                       | 78,657    | 48,767                       | 325,610                   | 362,637    | 101,538                  |
| Morgan      | 94,968  | 114,762                      | 214,323   | 141,453                      | 438,773                   | 544,964    | 136,241                  |
| Otero       | 75,600  | 193,040                      | 166,797   | 108,418                      | 335,867                   | 582,285    | 163,040                  |
| Ouray       | 3,132   | 7,401                        | 6,354     | 4,194                        | 38,284                    | 27,702     | 8,311                    |
| Park        | 6,144   | 6,168                        | 5,091     | 3,564                        | 30,432                    | 27,740     | 8,322                    |
| Phillips    | 57,564  | 50,348                       | 112,727   | 74,400                       | 190,336                   | 306,866    | 76,717                   |
| Pitkin      | 6,384   | 7,359                        | 6,411     | 3,975                        | 34,600                    | 15,077     | 4,222                    |
| Prowers     | 86,916  | 104,617                      | 131,229   | 85,299                       | 401,577                   | 520,668    | 145,787                  |
| Pueblo      | 69,600  | 130,499                      | 148,398   | 96,459                       | 405,318                   | 609,854    | 170,759                  |
| Rio Blanco  | 7,692   | 28,902                       | 32,195    | 20,283                       | 99,099                    | 66,184     | 18,532                   |
| Rio Grande  | 8,040   | 39,930                       | 35,790    | 21,474                       | 141,036                   | 120,845    | 35,045                   |
| Routt       | 22,896  | 49,328                       | 43,848    | 27,624                       | 170,716                   | 242,201    | 67,816                   |
| Saguache    | 9,660   | 22,495                       | 18,181    | 10,909                       | 77,474                    | 64,166     | 18,608                   |
| San Juan    | 5,940   | 11,857                       | 10,098    | 6,665                        | 51,350                    | 60,172     | 18,052                   |
| San Miguel  | 37,800  | 39,765                       | 64,303    | 42,440                       | 155,404                   | 221,920    | 55,480                   |
| Sedgwick    | 972   | 1,933                        | 1,024     | 717                          | 7,505                     | 9,015      | 2,705                    |
| Summit      | 2,052   | 6,813                        | 5,262     | 3,683                        | 30,700                    | 22,783     | 6,835                    |
| Teller      | 112,740   | 144,226                      | 211,967   | 139,898                      | 695,992                   | 936,747    | 234,187                  |
| Washington  | 226,344   | 396,031                      | 525,623   | 362,680                      | 1,425,802                 | 2,019,418  | 545,243                  |
| Weld        | 115,128   | 174,938                      | 235,261   | 155,272                      | 719,973                   | 669,823    | 167,456                  |
| Yuma        | 2,640,456   | 3,880,873                    | 5,005,977 | \$3,343,769                  | 14,172,375                | 18,561,043 | \$5,094,348              |

POULTRY IN COLORADO, 1929 AND 1930  
(From Reports of County Assessors to the State Tax Commission)

| COUNTY           | 1929           |                   |                        | 1930           |                   |                        |
|------------------|----------------|-------------------|------------------------|----------------|-------------------|------------------------|
|                  | Number<br>Doz. | Assessed<br>Value | Average<br>Per<br>Doz. | Number<br>Doz. | Assessed<br>Value | Average<br>Per<br>Doz. |
| Adams.....       | 8,554          | \$ 45,770         | \$ 5.35                | 8,691          | \$ 46,790         | \$ 5.38                |
| Alamosa.....     | 727            | 3,825             | 5.26                   | 728            | 3,685             | 5.06                   |
| Arapahoe.....    | 8,116          | 40,895            | 5.04                   | 8,712          | 43,560            | 5.00                   |
| Archuleta.....   | 572            | 4,015             | 7.02                   | 580            | 3,970             | 6.84                   |
| Baca.....        | 5,024          | 25,120            | 5.00                   | 5,564          | 27,820            | 5.00                   |
| Bent.....        | 5,096          | 25,480            | 5.00                   | 4,750          | 23,785            | 5.00                   |
| Boulder.....     | 5,413          | 27,520            | 5.08                   | 5,673          | 31,210            | 5.50                   |
| Chaffee.....     | 464            | 2,955             | 6.37                   | 553            | 3,365             | 6.08                   |
| Cheyenne.....    | 3,027          | 15,365            | 5.07                   | 3,281          | 16,615            | 5.06                   |
| Clear Creek..... | 104            | 595               | 5.72                   | 78             | 390               | 5.00                   |
| Conejos.....     | 995            | 5,010             | 5.03                   | 1,041          | 5,205             | 5.00                   |
| Costilla.....    | 545            | 2,850             | 5.23                   | 550            | 2,790             | 5.07                   |
| Crowley.....     | 2,732          | 16,250            | 5.95                   | 2,845          | 16,805            | 5.91                   |
| Custer.....      | 517            | 2,585             | 5.00                   | 554            | 2,770             | 5.00                   |
| Delta.....       | 4,764          | 24,420            | 5.13                   | 4,668          | 23,340            | 5.00                   |
| Denver.....      | ---            | ---               | ---                    | ---            | ---               | ---                    |
| Dolores.....     | 311            | 1,730             | 5.56                   | 295            | 1,640             | 5.22                   |
| Douglas.....     | 2,250          | 11,250            | 5.00                   | 2,157          | 12,235            | 5.67                   |
| Eagle.....       | 759            | 3,795             | 5.00                   | 778            | 3,890             | 5.00                   |
| Elbert.....      | 4,916          | 25,370            | 5.16                   | 5,190          | 27,021            | 5.21                   |
| El Paso.....     | 6,135          | 30,670            | 5.00                   | 6,740          | 33,700            | 5.00                   |
| Fremont.....     | 3,983          | 20,232            | 5.08                   | 4,421          | 22,108            | 5.00                   |
| Garfield.....    | 3,103          | 16,965            | 5.47                   | 3,339          | 17,980            | 5.38                   |
| Gilpin.....      | ---            | ---               | ---                    | ---            | ---               | ---                    |
| Grand.....       | 236            | 1,180             | 5.00                   | 313            | 1,565             | 5.00                   |
| Gunnison.....    | 597            | 3,365             | 5.64                   | 615            | 2,830             | 5.50                   |
| Hinsdale.....    | 21             | 105               | 5.00                   | 11             | 55                | 5.00                   |
| Huerfano.....    | 1,348          | 7,227             | 5.36                   | 1,236          | 6,255             | 5.06                   |
| Jackson.....     | 190            | 950               | 5.00                   | 206            | 1,030             | 5.00                   |
| Jefferson.....   | 10,066         | 50,330            | 5.00                   | 11,583         | 58,015            | 5.00                   |
| Kiowa.....       | 2,821          | 14,105            | 5.00                   | 2,971          | 14,855            | 5.00                   |
| Kit Carson.....  | 10,930         | 54,652            | 5.00                   | 8,954          | 46,373            | 5.07                   |
| Lake.....        | ---            | ---               | ---                    | ---            | ---               | ---                    |
| La Plata.....    | 2,394          | 16,050            | 6.70                   | 2,355          | 15,290            | 6.49                   |
| Larimer.....     | 8,140          | 40,700            | 5.00                   | 8,712          | 43,560            | 5.00                   |
| Las Animas.....  | 2,369          | 12,976            | 5.48                   | 2,358          | 13,237            | 5.61                   |
| Lincoln.....     | 6,070          | 30,350            | 5.00                   | 6,992          | 34,960            | 5.00                   |
| Logan.....       | 10,220         | 51,100            | 5.00                   | 11,072         | 55,360            | 5.00                   |
| Mesa.....        | 10,080         | 50,400            | 5.00                   | 11,426         | 57,130            | 5.00                   |
| Mineral.....     | 66             | 330               | 5.00                   | 65             | 325               | 5.00                   |
| Moffat.....      | 1,338          | 6,980             | 5.22                   | 1,322          | 7,190             | 5.43                   |
| Montezuma.....   | 1,946          | 9,730             | 5.00                   | 1,973          | 9,865             | 5.00                   |
| Montrose.....    | 3,968          | 19,840            | 5.00                   | 4,094          | 20,470            | 5.00                   |
| Morgan.....      | 7,914          | 39,570            | 5.00                   | 8,646          | 43,230            | 5.00                   |
| Otero.....       | 6,300          | 38,245            | 6.07                   | 6,899          | 39,380            | 5.71                   |
| Ouray.....       | 261            | 1,305             | 5.00                   | 241            | 1,205             | 5.00                   |
| Park.....        | 512            | 3,070             | 6.00                   | 536            | 3,210             | 6.00                   |
| Phillips.....    | 4,797          | 24,080            | 5.02                   | 5,119          | 25,595            | 5.00                   |
| Pitkin.....      | 532            | 6,540             | 12.29                  | 255            | 1,275             | 5.00                   |
| Prowers.....     | 7,243          | 41,705            | 5.76                   | 7,947          | 45,617            | 5.74                   |
| Pueblo.....      | 5,800          | 31,740            | 5.47                   | 6,503          | 32,560            | 5.01                   |
| Rio Blanco.....  | 641            | 3,205             | 5.00                   | 735            | 3,675             | 5.00                   |
| Rio Grande.....  | 670            | 3,350             | 5.00                   | 746            | 3,730             | 5.00                   |
| Routt.....       | 1,908          | 10,160            | 5.32                   | 2,000          | 10,000            | 5.00                   |
| Saguache.....    | 805            | 4,025             | 5.00                   | 763            | 3,840             | 5.00                   |
| San Juan.....    | ---            | ---               | ---                    | ---            | ---               | ---                    |
| San Miguel.....  | 495            | 2,475             | 5.00                   | 420            | 2,100             | 5.00                   |
| Sedgwick.....    | 3,150          | 15,750            | 5.00                   | 3,081          | 15,405            | 5.00                   |
| Summit.....      | 81             | 405               | 5.00                   | 64             | 320               | 5.00                   |
| Teller.....      | 171            | 855               | 5.00                   | 153            | 855               | 5.41                   |
| Washington.....  | 9,395          | 47,860            | 5.09                   | 9,832          | 53,290            | 5.42                   |
| Weld.....        | 18,862         | 94,830            | 5.03                   | 19,594         | 99,860            | 5.10                   |
| Yuma.....        | 9,594          | 51,870            | 5.42                   | 11,150         | 59,110            | 5.30                   |
| State.....       | 220,038        | \$1,144,067       | \$ 5.20                | 232,040        | \$1,202,196       | \$ 5.18                |

## Bees and Honey

COLORADO produces approximately 2,225,000 to 3,000,000 pounds of honey each year, the crop varying according to climatic conditions and the flora available for nectar secretions. The quantity produced in 1930 is estimated at 3,000,000 pounds, about the same as in the preceding year, though the value was about one-third less in 1930 than in 1929. There is a demand for all the honey produced and a considerable proportion of the output is exported to other states.

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 number of bee stands in the state and their assessed value, by years, as reported by county assessors for taxation purposes are as follows:

| Year      | Stands | Value     |
|-----------|--------|-----------|
| 1925..... | 52,006 | \$214,693 |
| 1926..... | 51,064 | 212,005   |
| 1927..... | 55,192 | 230,046   |
| 1928..... | 56,819 | 232,775   |
| 1929..... | 51,125 | 209,425   |
| 1930..... | 53,241 | 215,544   |

The assessors' figures are of value principally in indicating the trend of the industry, as they are necessarily incomplete and below the actual number. The figures, by counties, are published elsewhere in this volume and are of value in indicating the location of the principal honey-producing areas of the state. The counties showing the largest number of stands in 1930, 1928 and 1926 are as follows:

| County          | —Stands— |       |       |
|-----------------|----------|-------|-------|
|                 | 1930     | 1928  | 1926  |
| Weld .....      | 3,340    | 4,677 | 6,002 |
| Delta .....     | 2,817    | 4,223 | 4,902 |
| Larimer .....   | 1,760    | 3,650 | 4,165 |
| Garfield .....  | 3,002    | 3,785 | 3,841 |
| Montrose .....  | 4,569    | 4,469 | 3,317 |
| Otero .....     | 5,189    | 4,181 | 3,022 |
| Mesa .....      | 4,235    | 4,200 | 2,893 |
| La Plata .....  | 2,466    | 3,121 | 2,510 |
| Montezuma ..... | 2,704    | 3,598 | 2,409 |
| Boulder .....   | 2,695    | 2,675 | 2,258 |
| Jefferson ..... | 1,445    | 1,491 | 1,984 |
| Pueblo .....    | 1,481    | 1,250 | 1,548 |

The census bureau reported 63,253 hives of bees on 3,900 farms on January 1, 1920. This compared with 71,434 hives on 2,694 farms on April 15, 1909. The honey produced in 1919 was 2,493,950 pounds, valued at \$573,610, which compares with 2,306,492 pounds, valued at \$225,883, in 1909.

The surplus production of honey per hive has not been so favorable for the past few years, due to the curtailment of the quantity of native flora.

In 1921, the surplus production of honey per hive was estimated at 58 pounds, compared with an average of about 44.2 pounds for the country. In 1922 the surplus honey per stand was approximately 55 pounds, but in the following year it dropped to 31 pounds, where it remained in 1923, and in 1924 the average was about 30 pounds. Since the beginning of 1925 the average is estimated at around 40 pounds.

Approximately 60 per cent of the honey production of the state is in the hands of professional bee keepers. The principal producing areas are in the sections devoted to the growing of alfalfa and sweet clover in the irrigated districts. The non-irrigated areas of the state, as distinguished from the irrigated districts, are not so inviting to the commercial apiarists, owing to the scarcity of flowers to furnish the nectar. The fruit-growing sections of the state do not offer the possibilities they formerly possessed, owing to the practice of spraying fruit trees, which often poisons the bees and makes the industry rather hazardous. New methods of harvesting alfalfa have also restricted the desirable areas. However, the spread of sweet clover along ditch banks, roadsides and railways has helped the crop, and sweet clover is now looked upon as the principal feeding crop. Areas in the immediate vicinity of beet sugar factories where beets are grown on a large scale, are not looked upon with favor by the professional bee raiser because of the intensive cultivation of the soil, which leaves but very little material for the bees to feed upon.

Colorado ranked twenty-fifth among states in the number of hives of bees in 1920, and twenty-third in 1910 and 1900.



BEEES

(From Reports of County Assessors to the State Tax Commission)

| COUNTY           | 1929                   |                   |                         | 1930                   |                   |                         |
|------------------|------------------------|-------------------|-------------------------|------------------------|-------------------|-------------------------|
|                  | Number<br>of<br>Stands | Assessed<br>Value | Average<br>Per<br>Stand | Number<br>of<br>Stands | Assessed<br>Value | Average<br>Per<br>Stand |
| Adams.....       | 1,400                  | \$ 5,600          | \$ 4.00                 | 2,500                  | \$ 10,000         | \$ 4.00                 |
| Alamosa.....     | 1,030                  | 4,120             | 4.00                    | 1,420                  | 5,825             | 4.10                    |
| Arapahoe.....    | 760                    | 3,170             | 4.17                    | 630                    | 2,520             | 4.00                    |
| Archuleta.....   | 40                     | 160               | 4.00                    | 57                     | 230               | 4.00                    |
| Baca.....        | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Bent.....        | 1,995                  | 7,620             | 4.00                    | 1,658                  | 6,675             | 4.00                    |
| Boulder.....     | 2,502                  | 10,010            | 4.00                    | 2,695                  | 10,780            | 4.00                    |
| Chaffee.....     | ---                    | ---               | ---                     | 82                     | 330               | 4.02                    |
| Cheyenne.....    | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Clear Creek..... | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Conejos.....     | 2,285                  | 9,140             | 4.00                    | 2,025                  | 8,065             | 4.00                    |
| Costilla.....    | 81                     | 320               | 4.00                    | 91                     | 365               | 4.01                    |
| Crowley.....     | 2,461                  | 9,845             | 4.00                    | 2,378                  | 9,545             | 4.01                    |
| Custer.....      | 44                     | 175               | 4.00                    | 47                     | 185               | 4.00                    |
| Delta.....       | 2,907                  | 11,750            | 4.04                    | 2,817                  | 12,235            | 4.34                    |
| Denver.....      | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Dolores.....     | 4                      | 20                | 5.00                    | 4                      | 20                | 5.00                    |
| Douglas.....     | 25                     | 100               | 4.00                    | 22                     | 90                | 4.09                    |
| Eagle.....       | 55                     | 220               | 4.00                    | 51                     | 204               | 4.00                    |
| Elbert.....      | 125                    | 502               | 4.02                    | 35                     | 152               | 4.34                    |
| El Paso.....     | 285                    | 1,420             | 5.00                    | 405                    | 1,680             | 4.15                    |
| Fremont.....     | 949                    | 3,831             | 4.04                    | 871                    | 3,486             | 4.00                    |
| Garfield.....    | 2,525                  | 10,310            | 4.08                    | 3,002                  | 12,430            | 4.14                    |
| Gilpin.....      | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Grand.....       | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Gunnison.....    | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Hinsdale.....    | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Huerfano.....    | 141                    | 705               | 5.00                    | 125                    | 575               | 4.60                    |
| Jackson.....     | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Jefferson.....   | 1,510                  | 6,065             | 4.01                    | 1,445                  | 6,005             | 4.15                    |
| Kiowa.....       | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Kit Carson.....  | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Lake.....        | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| La Plata.....    | 2,164                  | 10,690            | 4.93                    | 2,466                  | 9,835             | 3.98                    |
| Larimer.....     | 2,020                  | 8,080             | 4.00                    | 1,760                  | 7,040             | 4.00                    |
| Las Animas.....  | 550                    | 2,202             | 4.00                    | 576                    | 2,305             | 4.00                    |
| Lincoln.....     | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Logan.....       | 771                    | 3,085             | 4.00                    | 618                    | 2,475             | 4.00                    |
| Mesa.....        | 3,898                  | 15,595            | 4.00                    | 4,235                  | 16,955            | 4.00                    |
| Mineral.....     | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Moffat.....      | 18                     | 90                | 5.00                    | 36                     | 150               | 4.17                    |
| Montezuma.....   | 2,695                  | 11,810            | 4.38                    | 2,704                  | 10,960            | 4.05                    |
| Montrose.....    | 4,553                  | 18,212            | 4.00                    | 4,569                  | 18,276            | 4.00                    |
| Morgan.....      | 798                    | 3,130             | 4.00                    | 905                    | 3,620             | 4.00                    |
| Otero.....       | 4,388                  | 17,890            | 4.08                    | 5,184                  | 21,075            | 4.07                    |
| Ouray.....       | 280                    | 920               | 4.00                    | 231                    | 924               | 4.00                    |
| Park.....        | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Phillips.....    | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Pitkin.....      | 73                     | 290               | 4.00                    | 54                     | 270               | 5.00                    |
| Prowers.....     | 1,762                  | 7,114             | 4.04                    | 1,372                  | 5,484             | 4.03                    |
| Pueblo.....      | 1,517                  | 6,075             | 4.05                    | 1,481                  | 5,935             | 4.01                    |
| Rio Blanco.....  | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Rio Grande.....  | 391                    | 1,562             | 4.00                    | 590                    | 2,360             | 4.00                    |
| Routt.....       | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Saguache.....    | 363                    | 1,452             | 4.00                    | 262                    | 1,048             | 4.00                    |
| San Juan.....    | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| San Miguel.....  | 150                    | 600               | 4.00                    | 150                    | 600               | 4.00                    |
| Sedgwick.....    | 361                    | 1,685             | 4.67                    | 315                    | 1,285             | 4.08                    |
| Summit.....      | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Teller.....      | ---                    | ---               | ---                     | ---                    | ---               | ---                     |
| Washington.....  | 180                    | 720               | 4.00                    | ---                    | ---               | ---                     |
| Weld.....        | 3,172                  | 12,930            | 4.08                    | 3,340                  | 13,410            | 4.01                    |
| Yuma.....        | 37                     | 150               | 4.05                    | 33                     | 140               | 4.25                    |
| State.....       | 51,125                 | \$209,425         | \$ 4.10                 | 53,241                 | \$215,544         | \$ 4.05                 |

## Horticulture and Floriculture

COLORADO'S orchard and small fruit crop usually runs in excess of \$5,000,000 annually in value and in more favorable years has run as high as \$8,000,000. The total value of the crop in 1930, based on the seasonal farm value, was \$2,774,000, the results for the year being unfavorable due to severe damage by spring freezes. This compares with \$5,942,000 in 1929, a more favorable year; \$3,786,000 in 1928, a year in which the production and value were below normal, and \$5,647,000 in 1927.

Soil and climatic conditions in certain areas of Colorado are especially suited to the production of nearly all orchard and small fruits adapted to this latitude. The quality of the soil in the fruit-growing districts, the abundance of sunshine, water for irrigation, and atmospheric conditions existing in relatively high altitudes combine to make an excellent grade of fruit that commands favorable prices on account of its quality. The areas in which the industry is profitable are restricted as to size, and the fruit orchards are located mostly in the valleys surrounded by mountain ranges which protect them from hard winters and early and late frosts.

Apples, peaches and pears are the principal orchard fruits grown. Other fruits and berries grown include plums, apricots, grapes, strawberries, raspberries, loganberries, blackberries and currants. Cherries are grown extensively in certain areas and rank next to the three principal fruits in value and volume of production.

There is published in connection herewith a table compiled by the Colorado Co-operative Crop Reporting service showing the quantity and value of the principal crops for the years 1928 to 1930 inclusive. Another table gives the average price per bushel for apples, peaches and pears in Colorado on December 1 of the years named, with the average of the United States as reported by the United States department of agriculture, which is of value chiefly for comparative purposes. Another table compiled from census reports shows the number of trees of bearing age in the state in 1920, with comparisons for 1910, and the production and value of principal crops in 1919, with comparisons for 1909. A similar table gives the acreage, pro-

duction and value for 1919 and 1909 for berries. No later figures are available as yet for these details. Another table compiled from census reports gives the number of apple, peach and pear trees in 1925, by counties, with comparisons with 1920, and the number of plum trees and grape vines by counties in 1925.

In addition to the figures given in the various tables, the census bureau reported 125,027 grape vines of bearing age in the state on January 1, 1920, from which was produced in the preceding year 526,509 pounds of grapes valued at \$42,122. The number of grape vines reported in 1925 was 199,395, an increase of 74,368.

The census figures for 1920 and 1910 may create a false impression of horticultural conditions in the state unless certain facts regarding the industry are taken into consideration. Shortly before the census of 1910 was taken the state experienced somewhat of a boom in the fruit growing industry on account of the unusually fine quality of the fruit and the large profits that were realized. Many orchards were planted under the impetus of this boom without proper realization that fruit growing can be carried on successfully only in those areas especially adapted to the industry as to climatic conditions and where the land is not too high-priced to yield satisfactory returns. The census of 1910 reflected this abnormal condition, which was adjusted in succeeding years, and the figures of 1920 more correctly show the status of the industry under normal conditions. It is now well-established and conducted upon profitable economic lines.

The most important fruit-growing districts are the western slope, in the valleys of the Grand and Gunnison rivers and tributary streams, comprising parts of Garfield, Mesa, Delta and Montrose counties; the Canon City district, comprising a part of Fremont county; the Arkansas valley, comprising parts of Crowley, Otero, Pueblo, Bent and Prowers counties; southwestern Colorado, comprising parts of La Plata and Montezuma counties, and comparatively small areas near the foothills along the eastern side of the mountains. The western slope area ranks first in importance from the standpoint of production, with the

Canon City district second. Apples, peaches and pears are the principal fruit crops in the Grand valley and in the valleys of tributary streams, though practically all fruits grown in the state are produced here. This district produces nearly all the commercial peach crop of the state and a very large proportion of the apple crop. Southwest Colorado produces as fine a variety of all kinds of fruit as is grown in any part of the state, but lack of adequate transportation facilities has retarded development of the fruit-growing industry in this district. In the Canon City district the principal crop is apples, with a considerable production of cherries and small fruits. Some apples, cherries and small fruits are grown in the Arkansas valley, especially in Crowley and Otero counties, and cherries are grown rather extensively in several of the counties just east of the mountains, particularly in Larimer county. Apples have been grown to considerable extent in this same area for a good many years, but the yield is not so dependable as on the western slope and the quality of the fruit is not so high. In the irrigated district immediately north of Denver, including parts of Boulder, Adams, Larimer and Weld counties, berries and other small fruits are grown successfully and always find a good market in Denver. Routt county is especially famous for its strawberries, which come into market late in the summer, after the berries from most other districts are gone, and for that reason command exceptionally high prices.

Some attention has been paid in the past few years to the growing of orchards in the non-irrigated districts of eastern Colorado, and a few small trees of hardy varieties are being grown on many of the farms. In the irrigated sections of eastern Colorado apples and some other tree fruits are grown successfully. Late spring frosts frequently damage fruits in all sections of the state, but the organization of community forces in the principal fruit-producing districts to heat orchards with specially devised heaters on nights when the temperature falls below the frost point has in a large measure eliminated the danger of loss from this source.

## FLORICULTURE

The floral industry in Colorado has shown a remarkable growth in the past ten years and at present the gross business is in excess of \$5,000,-

000 annually, or an increase of around 150 per cent in the period named. Climatic conditions, which are favorable for producing blooms of unusual brilliance in colors, large size and lasting quality, have had much to do with the development of the industry, which finds a market for its product not only in most parts of the United States, but in several foreign countries. The glass area of Colorado's flower houses is estimated at 3,250,000 square feet.

A table published herewith gives the preliminary results of a mail census made in 1930 by the census bureau covering operations in 1929 and including flowers, plants and vegetables grown under glass; nurseries, bulb farms and flower and vegetable seed production.

Carnations lead the list of products, the output being in excess of 12,000,000 a year. Ten states depend upon Colorado for their entire supply of this flower and shipments have been made to Cuba, New York and London. Orchid production is conducted upon a large scale by a few growers, there being one commercial collection in Denver comprising more than 500 varieties and valued at a million dollars.

The greenhouses in this state produce a cut of 5,000,000 roses annually. The quality of these flowers compares favorably with that of the blooms grown in eastern and middle western sections of the country. In fact, the excellence of the quality of both roses and carnations is sustained during the entire year; whereas, in some sections of the country during certain seasons the heat is so excessive as to impair materially the standard required for good keeping and shipping qualities.

Because of favorable climatic conditions, Gypsophila is considered to be in its best environment in Colorado. It is one of the outdoor products and is being grown in constantly increasing quantities. More than 150,000 bunches of Gypsophila, or baby breath, as it is commonly called, are cut and dried annually. A large percentage of this product is sent to eastern states where it is used in wreaths and for other decorative purposes. Shipments in 1929 aggregated about 1,000 carloads.

Sweet peas are grown under glass from September until June, and soon after that are produced out of doors. The mountain peas, grown in July, August and September, are of unusual quality in size and color, and are fa-



mous also in that they keep and ship well.

About 5,500,000 gladioli are grown annually in and around Denver. Asters, peonies, marigolds, daisies and many other annuals and perennials are grown in large quantities, one of the foremost in number being the dahlias, which are increasing in number and beauty each year.

About 65,000,000 bedding plants are produced and sold annually. These include the different varieties of flowers such as petunias, geraniums, salvias, heliotrope, fuchsias and many kinds of decorative greens and foliage used so extensively in landscape gardening in parks, floral gardens, etc.

It is a recognized fact that climatic conditions in Colorado are most favor-

able for the growing of potted plants. This is especially true of cyclamen. Many thousands of this variety are sold in small pots to the surrounding states, and the sale of full-grown plants during the Christmas season is very large.

An average of 100,000 Easter lilies are grown for the Easter season, and 400,000 chrysanthemums are sold during the Thanksgiving days.

An important item of the floral industry is the forcing of Dutch bulbs, such as tulips, hyacinths and narcissi, about 500,000 being forced each season.

Colorado is taking a place rapidly as one of the most important, if not the leading state in the Union in the production of quality flowers.

#### FRUIT PRODUCTION AND VALUE BY YEARS

|                      | 1930      |             | 1929      |             | 1928      |             |
|----------------------|-----------|-------------|-----------|-------------|-----------|-------------|
|                      | Quantity  | Value       | Quantity  | Value       | Quantity  | Value       |
| Apples (Bu.).....    | 1,130,000 | \$ 960,000  | 2,460,000 | \$2,337,000 | 3,020,000 | \$1,963,000 |
| Peaches (Bu.).....   | 817,000   | 1,185,000   | 1,000,000 | 1,450,000   | 650,000   | 780,000     |
| Pears (Bu.).....     | 173,000   | 225,000     | 650,000   | 975,000     | 185,000   | 194,000     |
| Grapes (Tons).....   | 223       | 10,035      | 374       | 15,000      | 357       | 14,000      |
| Cherries (Tons)..... | 2,200     | 198,000     | 4,500     | 540,000     | 1,500     | 210,000     |
| Small Fruits.....    | .....     | 195,965     | .....     | 625,000     | .....     | 625,000     |
| Total .....          |           | \$2,774,000 |           | \$5,942,000 |           | \$3,786,000 |

#### SMALL FRUITS, PRODUCTION AND VALUES (Census Reports)

|   | Acreage |       | Production (Qts.) |           | Value     |           |
|---|---------|-------|-------------------|-----------|-----------|-----------|
|   | 1919    | 1909  | 1919              | 1909      | 1919      | 1909      |
| Strawberries .....                      | 653     | 1,326 | 944,276           | 1,674,923 | \$236,074 | \$156,059 |
| Raspberries and Logan-<br>berries ..... | 613     | 901   | 643,678           | 1,650,785 | 160,828   | 156,668   |
| Blackberries .....                      | 91      | 228   | 76,234            | 227,598   | 18,296    | 27,833    |
| Currants .....                          | 141     | 282   | 137,634           | 493,726   | 26,151    | 39,935    |
| Other Berries.....                      | 300     | 192   | 411,797           | 247,956   | 41,184    | 18,341    |
| Total .....                             | 1,798   | 2,829 | 2,213,619         | 4,294,988 | \$482,533 | \$398,836 |

#### FRUIT ORCHARDS, PRODUCTION AND VALUES

|                | Trees of Bearing Age |           | Production (Bu.) |           | Value       |             |
|----------------|----------------------|-----------|------------------|-----------|-------------|-------------|
|                | 1920                 | 1910      | 1919             | 1909      | 1919        | 1909        |
| Apples .....   | 1,777,737            | 1,688,425 | 3,417,682        | 3,559,094 | \$5,639,178 | \$3,405,442 |
| Peaches .....  | 446,943              | 793,372   | 721,480          | 692,258   | 1,344,741   | 764,561     |
| Pears .....    | 136,117              | 93,989    | 269,465          | 132,536   | 592,824     | 210,685     |
| Plums .....    | 80,027               | 143,921   | 44,944           | 81,539    | 107,866     | 81,354      |
| Cherries ..... | 348,832              | 203,806   | 165,087          | 88,937    | 536,537     | 173,895     |
| Apricots ..... | 5,904                | 16,841    | 9,154            | 11,403    | 15,562      | 15,658      |
| Total .....    | 2,795,560            | 2,946,354 | 4,627,812        | 4,565,767 | \$8,236,708 | \$4,651,595 |

FRUIT TREES IN COLORADO AS SHOWN BY THE UNITED STATES CENSUS

| COUNTY      | APPLES    |           | PEACHES |         | PEARS   |         | Plums<br>1925 | Grape<br>Vines<br>1925 |
|-------------|-----------|-----------|---------|---------|---------|---------|---------------|------------------------|
|             | 1920      | 1925      | 1920    | 1925    | 1920    | 1925    |               |                        |
| Adams       | 19,274    | 14,739    | 240     | 112     | 177     | 117     | 1,870         | 248                    |
| Alamosa     |           | 348       |         |         |         |         | 20            |                        |
| Arapahoe    | 14,307    | 12,465    | 65      | 41      | 190     | 75      | 816           | 1,002                  |
| Archuleta   | 3,915     | 2,328     | 39      | 5       | 154     | 96      | 125           |                        |
| Baca        | 2,128     | 2,132     | 5,172   | 3,790   | 451     | 567     | 2,055         | 1,220                  |
| Bent        | 6,267     | 4,090     | 2,252   | 639     | 156     | 70      | 914           | 659                    |
| Boulder     | 44,408    | 35,154    | 206     | 102     | 190     | 58      | 1,414         | 8,951                  |
| Chaffee     | 11,831    | 10,983    |         |         | 24      | 16      | 51            | 110                    |
| Cheyenne    | 600       | 516       | 621     | 376     | 48      | 70      | 1,492         | 613                    |
| Clear Creek |           |           |         |         |         |         |               |                        |
| Conejos     | 124       | 236       | 1       |         |         | 9       | 26            |                        |
| Costilla    | 381       | 1,235     | 1       |         | 44      | 30      | 41            |                        |
| Crowley     | 21,469    | 16,843    | 476     | 101     | 60      | 2       | 354           | 6,488                  |
| Custer      | 1,534     | 711       | 65      | 13      | 38      | 4       | 24            |                        |
| Delta       | 521,977   | 483,194   | 165,790 | 138,056 | 9,761   | 8,408   | 10,009        | 28,306                 |
| Denver      | 971       | 1,180     |         | 24      | 23      | 2       | 150           |                        |
| Dolores     | 109       | 54        | 107     |         | 39      |         |               |                        |
| Douglas     | 13,824    | 2,132     | 50      | 2       | 44      | 6       | 12            |                        |
| Eagle       | 1,641     | 1,043     |         |         | 58      | 54      | 82            | 14                     |
| Elbert      | 1,058     | 658       | 78      | 45      | 100     | 64      | 555           | 83                     |
| El Paso     | 3,224     | 3,510     | 49      | 118     | 78      | 96      | 773           | 114                    |
| Fremont     | 211,337   | 126,848   | 1,796   | 1,132   | 1,731   | 1,366   | 2,295         | 30,607                 |
| Garfield    | 72,233    | 69,444    | 8,275   | 8,393   | 2,167   | 885     | 3,502         | 16,036                 |
| Gilpin      |           |           |         |         |         |         |               |                        |
| Grand       |           |           |         |         |         |         |               |                        |
| Gunnison    | 8         | 650       |         | 5       |         |         | 5             | 6                      |
| Hinsdale    |           |           |         |         |         |         |               |                        |
| Huerfano    | 8,534     | 5,956     | 41      | 12      | 157     | 51      | 276           | 12                     |
| Jackson     |           |           |         |         |         |         |               |                        |
| Jefferson   | 62,345    | 49,355    | 1,354   | 21      | 237     | 87      | 8,768         | 17,302                 |
| Kiowa       | 467       | 479       | 364     | 437     | 39      | 35      | 1,045         | 394                    |
| Kit Carson  | 1,018     | 422       | 1,188   | 547     | 63      | 50      | 2,625         | 408                    |
| Lake        |           |           |         |         |         |         |               |                        |
| La Plata    | 30,056    | 27,655    | 370     | 543     | 1,543   | 1,482   | 1,691         | 798                    |
| Larimer     | 74,454    | 78,510    | 237     | 81      | 439     | 97      | 2,056         | 919                    |
| Las Animas  | 5,931     | 2,847     | 637     | 231     | 144     | 60      | 367           | 33                     |
| Lincoln     | 530       | 608       | 255     | 365     | 18      | 49      | 919           | 196                    |
| Logan       | 2,564     | 1,862     | 249     | 198     | 212     | 247     | 4,438         | 175                    |
| Mesa        | 517,710   | 248,337   | 261,121 | 234,558 | 150,730 | 169,177 | 6,056         | 45,477                 |
| Mineral     |           |           |         |         |         |         |               |                        |
| Moffat      | 1,192     | 414       | 35      | 7       | 44      | 12      | 137           | 20                     |
| Montezuma   | 71,216    | 58,343    | 7,707   | 6,053   | 2,325   | 912     | 1,883         | 13,410                 |
| Montrose    | 110,722   | 140,001   | 8,617   | 7,199   | 2,381   | 1,109   | 1,696         | 8,258                  |
| Morgan      | 2,696     | 2,182     | 173     | 41      | 178     | 21      | 2,805         | 148                    |
| Otero       | 40,447    | 24,693    | 1,426   | 1,044   | 102     | 104     | 2,302         | 12,991                 |
| Ouray       | 682       | 573       | 22      | 1       | 22      | 2       | 18            | 1                      |
| Park        |           |           |         |         |         |         |               |                        |
| Phillips    | 231       | 136       | 57      | 89      | 6       | 20      | 503           | 31                     |
| Pitkin      | 296       | 466       |         |         | 10      | 7       | 37            |                        |
| Prowers     | 11,384    | 5,093     | 4,138   | 1,910   | 368     | 110     | 1,478         | 369                    |
| Pueblo      | 34,359    | 23,244    | 506     | 176     | 480     | 139     | 1,828         | 3,336                  |
| Rio Blanco  | 1,004     | 577       |         |         |         | 10      | 48            |                        |
| Rio Grande  | 248       | 268       |         | 60      |         |         | 122           | 6                      |
| Routt       | 289       | 172       | 4       |         | 6       |         |               |                        |
| Saguache    | 481       | 232       |         |         | 6       | 5       | 1             |                        |
| San Juan    |           |           |         |         |         |         |               |                        |
| San Miguel  | 1,570     | 802       | 97      | 2       | 83      | 17      | 3             | 14                     |
| Sedgwick    | 398       | 85        | 128     | 46      | 74      | 13      | 50            | 7                      |
| Summit      |           |           |         |         |         |         |               |                        |
| Teller      | 3,017     |           | 100     |         | 25      |         |               |                        |
| Washington  | 787       | 1,034     | 395     | 288     | 123     | 157     | 2,206         | 148                    |
| Weld        | 19,642    | 6,959     | 303     | 68      | 207     | 90      | 1,779         | 141                    |
| Yuma        | 4,162     | 2,136     | 3,694   | 1,019   | 541     | 186     | 1,501         | 344                    |
| State       | 1,961,052 | 1,473,874 | 479,101 | 407,960 | 176,096 | 186,244 | 73,223        | 199,395                |

## AVERAGE PRICES APPLES, PEACHES AND PEARS ON DECEMBER 1

|               | 1930  |       | 1929  |       | 1928  |       | 1927  |       | 1926  |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|               | Colo. | U. S. | Colo. | U. S. | Colo. | U. S. | Colo. | U. S. | Colo. | U. S. |
| Apples .....  | .85   | .93   | .95   | 1.32  | .65   | 1.00  | 1.10  | 1.38  | .70   | .73   |
| Peaches ..... | 1.45  | .90   | 1.45  | 1.36  | 1.20  | .99   | 1.20  | 1.18  | 1.10  | 1.00  |
| Pears .....   | 1.30  | .76   | 1.50  | 1.43  | 1.05  | 1.02  | 1.40  | 1.32  | .65   | .89   |

## CENSUS OF HORTICULTURE IN COLORADO, 1930

Note.—These are preliminary figures of the 1930 census covering operations in 1929, which was conducted by mail by the census bureau. It was primarily a census of production.

**Flowers, plants and vegetables grown under glass and flowers grown in the open in Colorado in 1929:**

|   |             |
|---|-------------|
| Number of establishments reporting (growing flowers only, 127; vegetables only, 35; flowers and vegetables, 42).....        | 204         |
| Acres used in production.....   | 570         |
| Value of land, buildings and equipment..  | \$4,143,359 |
| Square feet in greenhouses (3,217,796 feet for florists' crops; 295,785 for vegetable crops).....                           | 3,519,888   |
| Total value of greenhouses.....   | \$2,792,385 |
| Maximum number of persons employed any time in 1929.....  | 1,181       |
| Total receipts of growers from sales of flowers, plants and vegetables grown under glass and flowers grown in the open..... | \$2,137,912 |

**Nurseries in Colorado in 1929:**

|   |            |
|---|------------|
| Number reporting.....   | 46         |
| Acres used for nursery purposes.....                                      | 272        |
| Value of land, buildings and equipment.....                               | \$ 325,266 |
| Square feet in greenhouses.....   | 6,953      |
| Total value of greenhouses.....   | \$ 3,300   |
| Maximum number of persons employed any time in 1929.....                  | 191        |
| Total receipts by growers from sales of nursery stock grown in Colorado.. | \$ 228,059 |

**Bulb Farms in Colorado in 1929:**

|  |           |
|--|-----------|
| Number reporting.....                                    | 12        |
| Acres used in production.....                            | 28        |
| Value of land, buildings and equipment.....              | \$ 22,415 |
| Maximum number of persons employed any time in 1929..... | 28        |
| Total receipts of growers.....                           | \$ 21,913 |

**Flower and vegetable seed production in Colorado in 1929:**

|   |             |
|---|-------------|
| Number of seed farms reporting.....                                   | 18          |
| Acres used in growing seed.....                                       | 2,536       |
| Value of land, buildings and equipment.....                           | \$ 490,950  |
| Maximum number of persons employed any time in 1929.....              | 149         |
| Total receipts by growers from sale of flower and vegetable seed..... | \$1,147,978 |

Note.—A report was received from one farm producing mushrooms, but the data cannot be published without disclosing operations of the individual establishment.



## Manufacturing

THE manufacturing industry in Colorado has progressed steadily from its inception down to and including 1929, as shown by the reports of the bureau of the census, with the exception that in 1921 and 1923 there were decreases in the value of products when compared with the output in 1919, when the industry still felt the stimulus of war conditions and high prices. The ground lost during the business depression of 1921-1922 was more than regained in the following years, and beginning with 1925 the value of output in the census years was greater than during the war period.

The last census of manufactures was taken in 1930 and covered activities in 1929. The preliminary figures, which are subject to revision, are as follows:

|  | 1929              |
|--|-------------------|
| Number of establishments...                                    | 1,545             |
| Number of salaried officers and employes.....                  | *6,197            |
| Av. No. wage earners.....                                      | 32,735            |
| Salaries paid.....   | *\$13,521,486     |
| Wages .....  | \$ 43,429,074     |
| Cost of materials.....   | \$168,895,151     |
| Cost of fuel and purchased electric energy.....                | \$ 13,557,366     |
| Value of products.....   | \$304,654,661     |
| Value added by manufacture .....                               | (a) \$122,202,144 |
| Horsepower (rated capacity) of prime movers.....               | 131,697           |
| Horsepower of electric motors driven by purchased energy ..... | 96,883            |

\*Not including number or compensation of employees of central administrative offices located elsewhere than at the factories.

(a) Figure does not indicate manufacturers' profits.

The value of products by census years and increase over previous census year are as follows:

| Year       | Value        | Per Cent Increase |
|------------|--------------|-------------------|
| 1869 ..... | \$ 2,852,820 | .....             |
| 1879 ..... | 14,260,159   | 399.86            |
| 1889 ..... | 42,480,205   | 197.89            |
| 1899 ..... | 89,068,000   | 109.66            |
| 1904 ..... | 100,144,000  | 12.44             |
| 1909 ..... | 130,044,312  | 29.89             |
| 1914 ..... | 136,839,321  | 5.23              |
| 1919 ..... | 275,622,335  | 101.42            |
| 1921 ..... | 219,225,800  | -20.46            |
| 1923 ..... | 255,189,812  | 16.41             |
| 1925 ..... | 278,778,008  | 9.24              |
| 1927 ..... | 278,221,431  | -0.20             |
| 1929 ..... | 304,654,661  | 9.50              |

(—) 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 ranks ahead of manufacturing in Colorado, while the latter is ahead of mining. A chart showing the relative position of the three industries in 1927, the latest year for which comparative figures are available, is published elsewhere in this volume.

The accompanying tables show the number of persons engaged in the manufacturing industry in the state, including officers and salaried employes. The following shows the average number of wage earners by years:

|            |        |
|------------|--------|
| 1914 ..... | 27,278 |
| 1919 ..... | 35,254 |
| 1921 ..... | 27,469 |
| 1923 ..... | 31,060 |
| 1925 ..... | 31,967 |
| 1927 ..... | 31,997 |
| 1929 ..... | 32,735 |

Colorado ranked thirty-fourth among the states in the value of its manufactured products in 1929, the same position it occupied in 1919. The increase in 1929 as compared with 1919 was 10.5 per cent. The increase for the United States in the same ten-year period was 13 per cent.

A table published herewith shows that the number of manufacturing establishments dropped from 2,631 in 1919 to 1,479 in 1921. This was due to the inclusion in 1919 of all plants with an output of \$500, or more, in value, and in subsequent years only plants with an output of \$5,000 or more were included. The change made little difference in the comparability of figures for census years except in the number of establishments.

A table which accompanies this chapter gives manufacturing by industries in Colorado in 1927. The values of manufactured products of some of the largest individual industries in the state for that year are not segregated. The figures for 1925 were broken down so as to include these, and the statistics for that year are used to show the relative rank of the more important industries of Colorado among the states of the Union, which follows:

| Group  | Rank |
|--|------|
| Sugar, beet.....   | 1    |
| Mining machinery.....                                      | 4    |
| Canned beans.....  | 9    |
| Cheese.....  | 11   |
| Ketchup.....   | 11   |
| Pickles.....   | 11   |
| Concrete products.....                                     | 12   |
| Pottery.....   | 12   |
| Condensed and evaporated milk.....                         | 14   |
| Butter.....  | 16   |
| Paints and varnishes.....                                  | 17   |
| Jewelry.....   | 18   |
| Clay products.....   | 18   |
| Bread and other bakery products.....                       | 20   |
| Slaughtering and meat packing.....                         | 20   |
| Canning and preserving.....                                | 21   |
| Confectionery.....   | 21   |
| Food preparations.....                                     | 22   |
| Book and job printing.....                                 | 23   |
| Flour and grain mill products.....                         | 24   |
| Foundry and machine shop products.....                     | 25   |
| Electrical machinery.....                                  | 26   |
| Car construction and repair shops,<br>steam railroads..... | 27   |
| Men's clothing.....  | 31   |
| Beverages.....   | 35   |

Colorado produces large quantities of manufactured products which are listed in the tables under "miscellaneous" in order not to disclose the operations of individual concerns. Some of these are manufactured on an extensive scale and include such products as iron and steel, rubber goods, cement, chemicals, coke, etc. The principal factory products, segregated by groups in the order of their importance, beginning with the largest as reported in 1925, were beet sugar, slaughtering and meat packing products, iron and steel, printing and publishing, flour and grain mill products, steam railroad car construction and repair shops work, butter, cheese and condensed and evaporated milk, bread and bakery products, foundry and machine shop products, clay products, canning and preserving, food preparations, manufactured gas and confectionery.

Altho the manufacture of beet sugar was not segregated in the 1927 and 1929 census reports, to avoid disclosing the operations of individual manufacturers, it still continues to be the leading industry of the state in the value of finished products. The number of factories operated, the amount of sugar manufactured and other data relating to the industry appear in the historical tables following the 1930 agricultural production data in this volume.

Data on manufacturing possibilities in Colorado may be obtained from other articles in this volume. The state contains most of the raw materials, agricultural products, minerals, clays, timber, stone, iron, coal and other products used in manufacture, and these, with water power, railroad

facilities, taxes and other data, will be found described in considerable detail on other pages.

Tables published herewith show the progress of manufacturing in Colorado by years, the number of establishments, persons engaged, salaries and wages paid, value of products and value added by manufacture; manufactures by counties in 1919 and 1929, value of products of principal manufacturing industries by years; manufacturing by industries in 1927; and tables on manufacturing in the principal cities. Also, there are charts showing the rank of principal manufacturing industries in the state; growth of the industry by years, and the relationship of manufacturing to mining and agriculture. Several industries not included in the above tables are listed under separate heads, such as rubber manufactures, dairying, the printing and publishing industry and the manufacture of beverages.

## THE PRINTING AND PUBLISHING INDUSTRY

The 1925 census, the last date for which detailed figures are available, showed that there were in 1924 253 establishments devoted to the printing and publishing business in Colorado, employing in all 3,314 salaried officers, proprietors and employes, with a gross earning of \$5,141,243. The industry used raw materials worth \$4,470,822, from which it produced finished products worth \$15,614,544, adding \$11,143,722 to the value of the raw materials in the process of manufacturing.

In the following tabulation of newspapers and periodicals, morning, evening and Sunday papers are counted as separate publications, though issued by the same publisher in many instances:

|                                       | No. of Publications | Gross Circulation* |
|---------------------------------------|---------------------|--------------------|
| Daily newspapers:                     |                     |                    |
| 1921 .....                            | 38                  | 307,968            |
| 1923 .....                            | 38                  | 314,679            |
| 1925 .....                            | 32                  | 302,078            |
| *Exclusive of Sunday circulation.     |                     |                    |
| Sunday newspapers:                    |                     |                    |
| 1921 .....                            | 12                  | 298,663            |
| 1923 .....                            | 11                  | 311,263            |
| 1925 .....                            | 11                  | 344,358            |
| Weekly newspapers:                    |                     |                    |
| 1921 .....                            | 97                  | 115,089            |
| 1923 .....                            | 100                 | 124,852            |
| 1925 .....                            | 112                 | 206,537            |
| Other Periodicals, 1925:              |                     |                    |
| College and school....                | 5                   | 13,250             |
| Commerce, finance and insurance ..... | 4                   | 7,837              |
| Trade journals.....                   | 10                  | 37,004             |
| Miscellaneous .....                   | 6                   | 147,750            |

**MANUFACTURING IN COLORADO BY YEARS**  
(From Census Reports)

| YEAR      | Number<br>of Estab-<br>lishments | Persons<br>Engaged | Salaries and<br>Wages Paid | Value of<br>Products | Value<br>Added by<br>Manufacture |
|-----------|----------------------------------|--------------------|----------------------------|----------------------|----------------------------------|
| 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                 | 89,068,000           | 28,317,000                       |
| 1904..... | 1,606                            | 25,888             | 18,649,000                 | 100,144,000          | 37,030,000                       |
| 1909..... | 2,034                            | 34,115             | 25,560,026                 | 130,044,312          | 49,553,408                       |
| 1914..... | 2,126                            | 33,715             | 26,576,617                 | 136,839,321          | 47,083,019                       |
| 1919..... | 2,631                            | 44,729             | 56,020,854                 | 275,622,335          | 100,752,060                      |
| 1921..... | 1,479                            | 34,396             | 50,090,546                 | 219,225,800          | 73,477,610                       |
| 1923..... | 1,377                            | 38,353             | 53,254,702                 | 255,189,812          | 105,097,059                      |
| 1925..... | 1,416                            | (*)                | (*)                        | 278,778,008          | 107,586,465                      |
| 1927..... | 1,483                            | (*)                | (*)                        | 278,221,431          | 104,944,032                      |
| 1929..... | 1,545                            | 38,932             | 56,950,560                 | 304,654,661          | 122,202,144                      |

(\*) Proprietors and salaried employes are not included in state tables for these years.

Note—Number of establishments in the biennial census of 1921 and subsequent years do not include factories with output of less than \$5,000, but wage earners and value of products are included. Number of wage earners of factories with less than \$5,000 output were omitted in 1923 and 1925, but value of products is included.

**VALUE OF PRODUCTS OF PRINCIPAL MANUFACTURING INDUSTRIES, BY YEARS**

| INDUSTRY   | 1919         | 1921       | 1923         | 1925         | 1927           |
|--|--------------|------------|--------------|--------------|----------------|
| Awnings, tents, etc.....   | \$ 1,021,654 | \$ 934,392 | \$ 1,249,798 | \$ 1,049,462 | \$ 1,094,042   |
| Bread and other bakery products                                      | 9,807,799    | 9,309,156  | 8,575,077    | 10,157,121   | 12,994,347     |
| Brick, tile and terra cotta and fire-clay products.....              | 2,504,658    | 2,480,517  | 4,295,427    | 4,351,749    | 3,669,557      |
| Butter, cheese and condensed milk                                    | 14,504,639   | 9,845,569  | 11,968,458   | 12,030,768   | (a) 11,496,024 |
| Canning and preserving.....  | 2,970,113    | 2,936,283  | 3,122,338    | 4,317,787    | 3,487,252      |
| Car and general shop construction and repairs, steam railroads ..... | 15,130,423   | 13,502,349 | 15,649,087   | 13,804,826   | 13,396,090     |
| Clothing, men's.....   | 1,033,729    | 1,116,208  | 1,341,186    | 1,538,271    | 1,579,410      |
| Confectionery and ice cream.....                                     | 5,003,989    | 4,188,040  | 4,943,305    | 4,413,505    | 4,590,808      |
| Copper, tin and sheet iron work.....                                 | 1,411,036    | 1,287,835  | 1,435,029    | 1,696,427    | 1,647,190      |
| Flour mill products.....   | 19,954,119   | 16,044,754 | 11,574,113   | 14,691,796   | 13,267,581     |
| Food preparations.....   | 4,381,013    | 2,028,641  | 3,031,719    | 3,823,020    | 1,323,581      |
| Foundry and machine shop products .....                              | 11,199,721   | 7,687,058  | 10,967,650   | 8,084,652    | 8,109,546      |
| Ice, manufactured.....   | 1,045,477    | 1,237,804  | 1,376,565    | 1,643,997    | 1,546,173      |
| Printing and publishing, books and job.....                          | 3,985,230    | 4,292,467  | (*)          | 5,491,213    | 5,062,522      |
| Printing and publishing, newspapers and periodicals.....             | 7,533,978    | 9,507,737  | (*)          | 10,123,331   | 11,039,597     |
| Paints .....   | 1,168,001    | 827,289    | 2,387,100    | 2,493,943    | 2,131,261      |
| Slaughtering and meat packing.....                                   | 41,007,531   | 22,494,615 | 23,290,903   | 30,399,379   | 30,538,016     |
| Sugar, beet.....   | (not seg.)   | 37,558,657 | 30,165,810   | 41,165,742   | (b)            |

(\*) Not segregated in 1923. Combined products of book and job printing and newspaper and periodical publishing in that year were valued at \$13,743,497.

(a) Exclusive of evaporated and condensed milk.

(b) Not segregated in 1927.



## MANUFACTURING IN COLORADO BY INDUSTRIES, 1927

(Compiled from Census Reports)

| INDUSTRY   | Number<br>Estab-<br>lish-<br>ments | Wage<br>Earners<br>(Average<br>Number) | Wages      | Cost of<br>Materials,<br>Fuel and<br>Power | Value of<br>Products |
|--|------------------------------------|--|------------|--|----------------------|
| Awnings, tents, etc.   | 10                                 | 156                                    | \$ 157,495 | \$ 606,719                                 | \$ 1,094,042         |
| Beverages  | 36                                 | 151                                    | 166,459    | 572,186                                    | 1,318,105            |
| Boxes, paper and other   | 4                                  | 170                                    | 149,663    | 295,724                                    | 642,953              |
| Boxes, wooden, except cigar boxes  | 4                                  | 81                                     | 73,618     | 253,137                                    | 350,644              |
| Brass, bronze, non-ferrous alloys  | 10                                 | 103                                    | 139,057    | 680,824                                    | 952,199              |
| Bread and bakery products  | 172                                | 1,461                                  | 1,743,307  | 5,732,444                                  | 12,994,347           |
| Butter   | 66                                 | 498                                    | 561,758    | 8,914,266                                  | 10,942,919           |
| Canning and preserving   | 21                                 | 558                                    | 399,250    | 2,106,636                                  | 3,487,252            |
| Car and general construction and<br>repairs, electric railroad repair<br>shops | 4                                  | 226                                    | 370,606    | 177,678                                    | 594,474              |
| Car and general construction and<br>repairs, steam railroad repair<br>shops    | 29                                 | 4,792                                  | 7,031,034  | 5,510,337                                  | 13,896,090           |
| Caskets, coffins, burial cases, and<br>morticians' goods                       | 6                                  | 35                                     | 42,603     | 171,372                                    | 345,909              |
| Cheese   | 8                                  | 23                                     | 28,401     | 427,802                                    | 553,105              |
| Chemicals, not elsewhere classified  | 5                                  | 159                                    | 224,961    | 1,299,380                                  | 2,115,992            |
| Clay products (other than pottery)<br>and nonclay refractories                 | 30                                 | 971                                    | 1,134,988  | 1,090,555                                  | 3,348,514            |
| Clothing, women's  | 5                                  | 165                                    | 100,638    | 329,869                                    | 621,080              |
| Clothing, men's  | 4                                  | 439                                    | 422,600    | 865,319                                    | 1,579,410            |
| Coffee and spice, roasting and<br>grinding                                     | 13                                 | 131                                    | 128,516    | 2,307,187                                  | 3,111,027            |
| Concrete products  | 10                                 | 44                                     | 45,693     | 77,024                                     | 200,352              |
| Confectionery  | 45                                 | 515                                    | 452,279    | 1,551,170                                  | 3,044,635            |
| Copper, tin, sheet-iron work   | 17                                 | 257                                    | 346,416    | 974,641                                    | 1,647,190            |
| Dental goods   | 8                                  | 61                                     | 103,670    | 124,529                                    | 311,654              |
| Druggists' preparations  | 5                                  | 21                                     | 30,121     | 137,375                                    | 209,756              |
| Electrical machinery, apparatus and<br>supplies                                | 8                                  | 53                                     | 68,898     | 112,643                                    | 377,432              |
| Engraving, steel and copperplate,<br>and plate printing                        | 4                                  | 43                                     | 46,605     | 51,679                                     | 154,214              |
| Feeds, prepared, for animals and<br>fowls                                      | 20                                 | 239                                    | 249,907    | 2,000,854                                  | 2,517,550            |
| Flour and other grain-mill products  | 66                                 | 437                                    | 633,736    | 11,234,450                                 | 13,267,581           |
| Food preparations  | 12                                 | 117                                    | 126,220    | 939,877                                    | 1,323,581            |
| Foundry and machine-products, not<br>elsewhere classified                      | 63                                 | 1,436                                  | 1,979,850  | 2,616,974                                  | 8,109,546            |
| Furniture, including store and of-<br>fice fixtures                            | 11                                 | 116                                    | 194,272    | 448,486                                    | 937,562              |
| Gas, manufactured, illuminating<br>and heating                                 | 9                                  | 500                                    | 588,909    | 1,621,009                                  | 3,655,607            |
| Grease and tallow, not including<br>lubricating greases                        | 7                                  | 56                                     | 72,062     | 192,624                                    | 377,390              |
| Ice Cream  | 24                                 | 114                                    | 169,601    | 875,447                                    | 1,546,173            |
| Ice, manufactured  | 27                                 | 220                                    | 323,528    | 310,779                                    | 1,380,014            |
| Instruments, professional and sci-<br>entific                                  | 3                                  | 34                                     | 53,254     | 16,868                                     | 122,296              |
| Jewelry  | 11                                 | 54                                     | 82,401     | 82,214                                     | 266,215              |
| Lime   | 3                                  | 33                                     | 33,904     | 41,165                                     | 97,241               |
| Lumber and timber products, not<br>elsewhere classified                        | 62                                 | 1,190                                  | 1,278,036  | 442,773                                    | 2,368,366            |
| Marble, granite, slate and other<br>stone products                             | 16                                 | 75                                     | 148,625    | 214,911                                    | 556,476              |
| Mattresses and bed springs   | 4                                  | 154                                    | 175,034    | 501,661                                    | 878,109              |
| Motor-vehicle bodies and motor-<br>vehicle parts                               | 10                                 | 103                                    | 170,675    | 175,773                                    | 489,466              |
| Oils, not elsewhere classified   | 3                                  | 8                                      | 10,562     | 105,525                                    | 211,435              |
| Paints and varnishes   | 7                                  | 173                                    | 224,588    | 1,465,263                                  | 2,131,261            |
| Patent and proprietary medicines<br>and compounds                              | 10                                 | 18                                     | 14,984     | 97,846                                     | 214,887              |

MANUFACTURING IN COLORADO BY INDUSTRIES, 1927—Continued  
(Compiled from Census Reports)

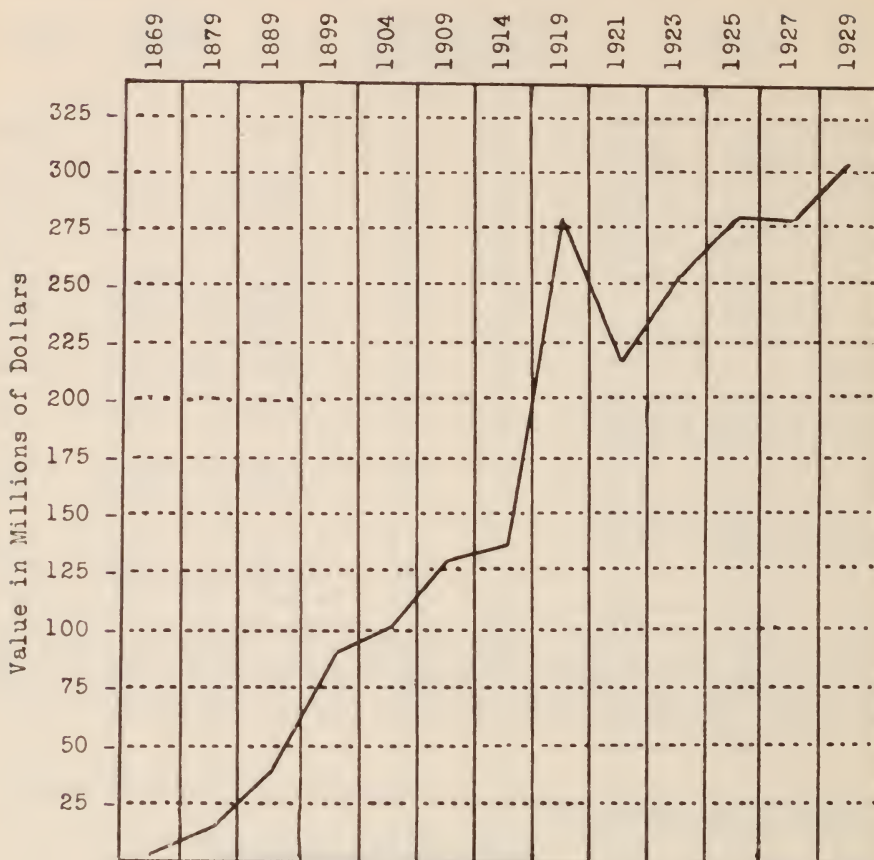
| INDUSTRY  | Number<br>Estab-<br>lish-<br>ments | Wage<br>Earners<br>(Average<br>Number) | Wages        | Cost of<br>Materials,<br>Fuel and<br>Power | Value of<br>Products |
|---|------------------------------------|--|--------------|--|----------------------|
| Photo-engraving, not done in print-<br>ing establishments-----                                  | 7                                  | 70                                     | 123,449      | 71,247                                     | 390,005              |
| Planing-mill products, not made in<br>planing mills connected with<br>sawmills-----             | 29                                 | 363                                    | 507,630      | 754,072                                    | 1,678,548            |
| Pottery, including porcelain ware-----  | 4                                  | 186                                    | 159,775      | 75,074                                     | 321,043              |
| Printing and publishing, book and<br>job-----   | 99                                 | 896                                    | 1,366,004    | 1,540,287                                  | 5,062,522            |
| Printing and publishing, news-<br>paper and periodical-----                                     | 166                                | 1,239                                  | 2,347,209    | 3,182,953                                  | 11,039,597           |
| Saddlery and harness-----   | 9                                  | 92                                     | 135,027      | 255,974                                    | 540,007              |
| Signs and advertising novelties-----  | 12                                 | 45                                     | 62,224       | 97,322                                     | 342,515              |
| Slaughtering and meat packing,<br>wholesale-----  | 25                                 | 1,246                                  | 1,552,897    | 27,325,998                                 | 30,538,016           |
| Sporting and athletic goods, not<br>including firearms or ammunition-----                       | 5                                  | 42                                     | 37,811       | 15,182                                     | 90,327               |
| Structural and ornamental iron and<br>steel work, not made in rolling<br>mills-----             | 11                                 | 195                                    | 255,771      | 1,048,845                                  | 1,886,548            |
| Surgical appliances-----  | 4                                  | 13                                     | 19,192       | 14,679                                     | 56,294               |
| Toys (not including children's<br>wheel goods or sleds), games and<br>playground equipment----- | 3                                  | 8                                      | 7,952        | 13,226                                     | 28,383               |
| All other industries*-----  | 212                                | 11,416                                 | 16,120,040   | 81,127,545                                 | 122,503,580          |
| Total, State-----   | 1,483                              | 32,001                                 | \$43,193,765 | \$173,277,399                              | \$278,221,431        |

\*Items included under "All Other Industries" embrace cement, steel rails and other products which would disclose individual operations if segregated; also the following, with value of products: Bookbinding and blank book making, \$167,509; brushes, other than rubber, \$43,250; cigars and cigarets, \$292,739; cleaning and polishing preparations, \$101,673; models and patterns, \$61,805; steam and other packing, \$52,921.

CHART SHOWING RANK OF PRINCIPAL MANUFACTURING INDUSTRIES, VALUE OF PRODUCTS AND PER CENT OF TOTAL FOR ALL INDUSTRIES, 1925.

|  |              |       |
|--|--------------|-------|
| Sugar, beet.....   | \$41,165,747 | 14.8% |
| Slaughtering and meat packing....                          | \$30,399,379 | 10.9% |
| Iron and steel.....  | \$23,554,180 | 8.4%  |
| Printing and publishing.....                               | \$15,624,544 | 5.6%  |
| Flour and grain mill products....                          | \$14,691,796 | 5.3%  |
| Car construction and repair<br>shops, steam railroads..... | \$13,804,826 | 4.9%  |
| Butter, cheese, condensed milk....                         | \$12,030,768 | 4.3%  |
| Bread and bakery products.....                             | \$10,157,121 | 3.6%  |
| Foundry and machine shops prod....                         | \$8,084,652  | 2.9%  |
| Clay products.....   | \$4,351,749  | 1.6%  |
| Canning and preserving.....                                | \$4,317,787  | 1.5%  |
| Food preparations.....                                     | \$3,823,020  | 1.4%  |
| Gas, manufactured.....                                     | \$3,491,751  | 1.2%  |
| Confectionery.....   | \$3,170,908  | 1.1%  |

## PROGRESS OF MANUFACTURING IN COLORADO



## COMPARATIVE POSITION OF AGRICULTURE, MANUFACTURING AND MINING, 1927

|                                |  |               |
|--------------------------------|--|---------------|
| Value Agricultural products... |  | \$125,524,000 |
| Manufacture, value added by... |  | \$104,944,032 |
| Mineral output*.....           |  | \$58,855,263  |

\*Includes metals and non-metals.



MANUFACTURES BY COUNTIES, U. S. CENSUS, 1919 AND 1929

Note.—Number of establishments in 1929 does not include those with an annual output of less than \$5,000. The 1929 figures are preliminary.

| COUNTY              | No. Establishments |       | Wages Paid    |               | Value of Products |               |
|---------------------|--------------------|-------|---------------|---------------|-------------------|---------------|
|                     | 1919               | 1929  | 1919          | 1929          | 1919              | 1929          |
| Adams               | 37                 | 20    | \$ 987,790    | \$ 804,580    | \$ 4,791,206      | \$ 5,949,286  |
| Alamosa             | 14                 | 12    | 48,456        | 409,999       | 423,618           | 1,617,218     |
| Arapahoe            | 24                 | 11    | 165,436       | 1,015,268     | 860,974           | 3,965,492     |
| Archuleta           | 12                 | 7     | 106,990       | 56,080        | 367,853           | 151,877       |
| Baca                | 8                  | *     | 20,919        | *             | 82,170            | *             |
| Bent                | 15                 | 8     | 50,419        | 52,680        | 317,540           | 545,540       |
| Boulder             | 95                 | 37    | 976,334       | 670,986       | 9,660,142         | 6,366,986     |
| Chaffee             | 20                 | 10    | 592,904       | 429,184       | 3,935,183         | 1,986,870     |
| Cheyenne            | 4                  | *     | 1,832         | *             | 9,975             | *             |
| Clear Creek         | 13                 | *     | 89,517        | *             | 97,788            | *             |
| Conejos             | 15                 | *     | 417,381       | *             | 1,081,839         | *             |
| Costilla            | 5                  | *     | 47,679        | *             | 180,892           | *             |
| Crowley             | 19                 | *     | 141,211       | *             | 1,380,221         | *             |
| Custer              | 9                  | *     | 6,722         | *             | 12,581            | *             |
| Delta               | 24                 | 19    | 37,130        | 113,908       | 344,786           | 1,670,071     |
| Denver              | 1,097              | 781   | 19,341,915    | 20,910,625    | 125,411,270       | 144,664,746   |
| Douglas             | 8                  | *     | 244,164       | *             | 1,783,316         | *             |
| Eagle               | 4                  | *     | 12,700        | *             | 31,016            | *             |
| Elbert              | 8                  | *     | 3,469         | *             | 11,480            | *             |
| El Paso             | 141                | 69    | 996,090       | 1,184,507     | 4,788,504         | 7,508,593     |
| Fremont             | 45                 | 23    | 1,023,831     | 532,220       | 6,787,570         | 4,107,320     |
| Garfield            | 23                 | *     | 68,215        | *             | 333,815           | *             |
| Gilpin              | 7                  | *     | 9,854         | *             | 35,093            | *             |
| Grand               | 14                 | *     | 636,170       | *             | 998,783           | *             |
| Gunnison            | 27                 | 13    | 82,067        | 120,626       | 179,044           | 219,246       |
| Huerfano            | 21                 | 9     | 43,271        | 37,551        | 274,222           | 295,213       |
| Jackson             | 5                  | *     | 37,855        | *             | 92,518            | *             |
| Jefferson           | 23                 | 16    | 213,940       | 248,443       | 907,169           | 1,531,056     |
| Kiowa               | 6                  | *     | 11,616        | *             | 24,594            | *             |
| Kit Carson          | 19                 | *     | 31,572        | *             | 146,018           | *             |
| Lake                | 14                 | *     | 569,798       | *             | 4,243,184         | *             |
| La Plata            | 32                 | *     | 372,747       | *             | 3,384,123         | *             |
| Larimer             | 87                 | 50    | 1,278,179     | 1,188,271     | 13,440,083        | 13,296,364    |
| Las Animas          | 60                 | 31    | 844,712       | 714,002       | 3,943,416         | 3,344,790     |
| Lincoln             | 17                 | 7     | 53,916        | 18,576        | 508,365           | 70,513        |
| Logan               | 29                 | *     | 498,753       | *             | 2,814,130         | *             |
| Mesa                | 38                 | 30    | 555,320       | 519,246       | 3,347,570         | 2,863,052     |
| Moffat              | 6                  | *     | 5,963         | *             | 39,318            | *             |
| Montezuma           | 16                 | *     | 31,707        | *             | 184,354           | *             |
| Montrose            | 26                 | 11    | 109,732       | 33,716        | 701,936           | 357,255       |
| Morgan              | 31                 | *     | 453,029       | *             | 4,823,336         | *             |
| Otero               | 57                 | 34    | 1,667,381     | 1,224,144     | 8,766,757         | 7,127,828     |
| Ouray               | 7                  | *     | 38,184        | *             | 78,777            | *             |
| Park                | 13                 | *     | 58,141        | *             | 105,831           | *             |
| Phillips            | 8                  | 5     | 21,136        | 11,266        | 336,371           | 94,996        |
| Pitkin              | 6                  | *     | 11,797        | *             | 33,976            | *             |
| Prowers             | 49                 | 19    | 231,635       | 248,231       | 3,825,014         | 3,801,893     |
| Pueblo              | 143                | 84    | 8,229,412     | 8,713,761     | 47,568,936        | 55,997,697    |
| Rio Blanco          | 10                 | *     | 35,390        | *             | 126,378           | *             |
| Rio Grande          | 24                 | 14    | 76,890        | 99,789        | 673,531           | 707,947       |
| Routt               | 18                 | 17    | 219,926       | 122,403       | 627,229           | 353,252       |
| Saguache            | 10                 | *     | 59,001        | *             | 209,173           | *             |
| San Juan            | 6                  | *     | 8,885         | *             | 25,121            | *             |
| San Miguel          | 12                 | 3     | 51,933        | 15,456        | 150,636           | 29,853        |
| Sedgwick            | 3                  | *     | 7,476         | *             | 30,896            | *             |
| Summit              | 4                  | *     | 418           | *             | 9,290             | *             |
| Teller              | 9                  | *     | 45,002        | *             | 206,129           | *             |
| Washington          | 7                  | *     | 15,640        | *             | 90,591            | *             |
| Weld                | 98                 | 50    | 923,739       | 1,328,323     | 9,743,802         | 13,582,776    |
| Yuma                | 24                 | 5     | 43,319        | 11,415        | 210,229           | 57,242        |
| All other counties* | 5                  | 150   | 8,269         | 2,593,818     | 22,673            | 22,389,689    |
| State               | 2,631              | 1,545 | \$ 42,974,879 | \$ 43,429,074 | \$275,622,335     | \$304,654,661 |

\*Included under "All Other Counties" in order to avoid disclosing data for individual establishments. No manufacturing establishments were reported from Kiowa or Mineral counties in 1929. Dolores, Hinsdale and Mineral counties are included under "All Other Counties" for 1919.

**SUMMARY OF MANUFACTURES FOR CITIES HAVING 10,000 INHABITANTS  
OR MORE, 1925 AND 1929**

| CITY                       | Number<br>Estab-<br>lish-<br>ments | Wage<br>Earners<br>Av. No. | Wages         | Cost of<br>Materials | Value of<br>Products |
|----------------------------|------------------------------------|----------------------------|---------------|----------------------|----------------------|
| <b>Boulder:</b>            |                                    |                            |               |                      |                      |
| 1929.....                  | 17                                 | 155                        | \$ 181,401    | \$ 336,820           | \$ 828,913           |
| 1925.....                  | 21                                 | 160                        | 203,823       | 391,967              | 801,860              |
| <b>Colorado Springs:</b>   |                                    |                            |               |                      |                      |
| 1929.....                  | 55                                 | 547                        | 775,811       | 2,539,577            | 4,948,810            |
| 1925.....                  | 60                                 | 451                        | 611,423       | 1,943,266            | 3,727,458            |
| <b>Denver:</b>             |                                    |                            |               |                      |                      |
| 1929.....                  | 781                                | 16,235                     | 20,910,625    | 83,251,524           | 144,664,746          |
| 1925.....                  | 686                                | 15,077                     | 19,970,520    | 72,530,686           | 125,762,865          |
| <b>Greeley:</b>            |                                    |                            |               |                      |                      |
| 1929.....                  | 22                                 | 152                        | 215,546       | 1,208,311            | 1,935,244            |
| 1925.....                  | 19                                 | 190                        | 216,322       | 1,364,752            | 2,141,906            |
| <b>Pueblo:*</b>            |                                    |                            |               |                      |                      |
| 1925.....                  | 84                                 | 1,240                      | 1,761,604     | 4,015,041            | 7,733,113            |
| <b>Trinidad:</b>           |                                    |                            |               |                      |                      |
| 1929.....                  | 25                                 | 297                        | 391,903       | 1,149,145            | 2,036,363            |
| 1925.....                  | 24                                 | 313                        | 464,329       | 970,046              | 1,866,754            |
| <b>Remainder of state:</b> |                                    |                            |               |                      |                      |
| 1929.....                  | 645                                | 15,349                     | 20,953,788    | 93,967,140           | 150,240,585          |
| 1925.....                  | 522                                | 14,536                     | 19,779,653    | 89,975,785           | 136,744,052          |
| <b>Entire state:</b>       |                                    |                            |               |                      |                      |
| 1929.....                  | 1,545                              | 32,735                     | \$ 43,429,074 | \$182,452,517        | \$304,654,661        |
| 1925.....                  | 1,416                              | 31,967                     | 43,007,674    | 171,191,543          | 278,778,008          |

\*Included under "Remainder of state" for 1929.

Note.—The 1929 figures are preliminary and subject to revision. Grand Junction and Fort Collins were in the above classification in 1929, but segregated figures have not yet been released. The above statistics are for industries actually within the boundaries of the cities.

### OLEOMARGARINE PRODUCED

The manufacture of colored and uncolored oleomargarine in Colorado, as reported by the commissioner of internal revenue, is showing a steady and substantial increase. The output in the fiscal year ending June 30, 1930, amounted to 1,618,741 pounds, which compares with 530,716 pounds in 1921, an increase of 205 per cent.

Production in pounds, in fiscal years ending June 30, of years named, was as follows:

| Year       | Colored | Uncolored |
|------------|---------|-----------|
| 1921 ..... | 53,060  | 477,656   |
| 1922 ..... | 8,280   | 167,080   |
| 1924 ..... | 20,760  | 369,260   |
| 1925 ..... | 14,570  | 408,460   |
| 1926 ..... | 50,510  | 586,640   |
| 1927 ..... | 49,826  | 662,784   |
| 1928 ..... | 71,160  | 954,900   |
| 1929 ..... | 53,887  | 1,048,006 |
| 1930 ..... | 128,825 | 1,489,916 |

### MANUFACTURE OF BEVERAGES

The following table shows the number of gallons of cereal beverages containing less than one-half of one per cent of alcohol by volume manufactured in Colorado in fiscal years ending on June 30:

| Year       | Gallons   |
|------------|-----------|
| 1925 ..... | 1,153,744 |
| 1926 ..... | 1,133,389 |
| 1927 ..... | 905,226   |
| 1928 ..... | 1,098,112 |
| 1929 ..... | 1,017,203 |
| 1930 ..... | 900,481   |

Materials used by the four plants operating in the state in producing the 1930 output of beverages included 847,034 pounds of malt, 133,868 pounds of corn and products, 158,080 pounds of sugar and sirup, 15,908 pounds of hops and 19,202 pounds of other materials.

## 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 is in excess of \$8,000,000 annually. Its distribution is general throughout the United States and more than 50 foreign countries. The average number of wage earners in 1930 was 1,350 and wages paid exceed \$2,100,000 annually. More than one-half of gross expenditures remain in the state in the form of wages, salaries, raw materials, supplies and taxes.

## Revenue and Taxation

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 collection agencies representing different civil divisions and sub-divisions, lack of uniformity in fiscal years, and the interlocking of funds.

The department of commerce made a compilation as of 1922 which gave a total of \$48,930,000 in revenue from taxes, licenses and permits and special assessments of state, counties, incorporated places and local civil divisions. This was equal to \$62.41 per capita. The distribution of these revenues for that year is shown in two accompanying tables. A third table includes United States internal revenue and customs receipts, which bring the total up to \$65,119,000, or \$66.77 per capita. No similar compilation has been made for any year subsequent to 1922, the figures given being the latest available.

Revenues with which to defray governmental costs are derived from two principal sources, both of which are extensively sub-divided. The first of these is called taxes and includes revenues from a general property tax, the inheritance tax, sales 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 most property within

the taxing districts of the counties. The assessments on intercounty property, such as railroads, telephone and telegraph lines, power lines, express companies, etc., are made by the state tax commission. These valuations are certified to the county treasurers, who are the tax-collecting agents.

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 costs 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.

Taxes thus levied for any given year become due on January 1 of the following year. They may be paid in two installments. To avoid penalties, the first half must be paid by March 1 and the second half by August 1. All unpaid taxes become delinquent on August 1 and bear interest thereafter at the rate of 10 per cent per annum until the property is sold. From March 1 to December 1 the first half bears interest at the rate of 10 per cent.

The value of all property in the state for taxation purposes as of April 1, 1930, as determined by the county assessors and the tax commission, was \$1,593,397,772. The anticipated revenues derived from direct taxation by levies on this total assessed valuation was \$49,633,933. The distribution of the revenue from these taxes, as reported by the tax commission, is as follows:



|                         | Amount          | Per Cent |
|-------------------------|-----------------|----------|
| Education .....         | \$27,009,486.30 | 54.42    |
| Town and city...        | 9,354,557.27    | 18.85    |
| County .....            | 7,299,625.01    | 14.71    |
| Roads and bridges ..... | 3,550,015.19    | 7.15     |
| State .....             | 2,420,249.62    | 4.87     |
| Total .....             | \$49,633,933.39 | 100.00   |

The assessed valuation of \$1,593,397,772 for 1930 taxable property is distributed as follows:

|   | Per Cent |
|---|----------|
| Farm land.....  | 23.47    |
| Improvements on farm land.....                          | 5.40     |
| Coal land and improvements.....                         | 1.03     |
| Oil and shale land, with improvements .....             | 0.14     |
| Metalliferous mining properties, with improvements..... | 1.26     |
| Equities, timber lands and mineral reserves .....       | 0.50     |
| City lots and improvements.....                         | 33.54    |
| Total, all real property.....                           | 65.34    |
| Livestock .....   | 3.68     |
| All other personal property.....                        | 15.03    |
| Total personal property.....                            | 18.71    |
| Corporations assessed by tax commission .....           | 15.95    |
| Recapitulation:   |          |
| All real estate.....                                    | 65.34    |
| All personal property.....                              | 18.71    |
| Corporations .....                                      | 15.95    |
| Total .....   | 100.00   |

In addition to taxes collected through levies, revenues are derived from taxes on gasoline sales, inheritances, motor vehicle licenses, fishing and hunting licenses and business licenses. Counties 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.

#### EXPENDITURES OF COLORADO STATE GOVERNMENT, 1915 AND 1925 (U. S. Bureau of Census, Financial Statistics of States)

|                                      | 1915        |                |            | 1925         |          |            |               | Per Cent Increase '25 over '15 |
|--------------------------------------|-------------|----------------|------------|--------------|----------|------------|---------------|--------------------------------|
|                                      | Amount      | Per Cent Total | Per Capita | Amount       | Per Cent | Per Capita | Per Cap. Adj. |                                |
| General Government .....             | \$ 509,875  | 13.4           | \$0.56     | \$ 926,138   | 8.6      | \$ 0.91    | \$ 0.57       | 0                              |
| Prot. to Per. & Prop.....            | 876,160     | 23.0           | 0.97       | 541,599      | 5.0      | 0.54       | .34           | 65                             |
| Dev. & Cons. of Nat. Resources ..... | 209,142     | 5.5            | 0.23       | 690,091      | 6.4      | 0.67       | .42           | 83                             |
| Health and Sanitation.....           | 42,178      | 1.1            | 0.04       | 151,534      | 1.4      | 0.15       | .09           | 125                            |
| Highways .....                       | 321,533     | 8.4            | 0.36       | 2,623,880    | 24.5     | 2.58       | 1.62          | 350                            |
| Charities, Hosp. & Corr.....         | 569,205     | 14.9           | 0.63       | 1,654,808    | 15.5     | 1.63       | 1.02          | 62                             |
| Education .....                      | 1,203,150   | 31.6           | 1.33       | 3,810,936    | 35.6     | 3.74       | 2.35          | 76                             |
| Recreation .....                     | 4,355       | 0.1            | ---        | 16,716       | 0.2      | .02        | .01           |                                |
| General .....                        | 74,218      | 1.9            | 0.08       | 293,227      | 2.7      | 2.9        | .18           |                                |
| Total Operation.....                 | \$3,809,816 | 100.0          | \$4.22     | \$10,708,929 | 100.0    | \$10.52    | \$ 6.62       | 57%                            |
| Interest .....                       | 92,133      |                | .10        | 542,154      |          | .53        | .33           | 230                            |
| Public Service Enterprises.....      |             |                |            |              |          |            |               |                                |
| Capital Outlays.....                 | 287,093     |                | .32        | 5,393,763    |          | 5.30       | 3.33          | 940                            |
|                                      | \$4,189,042 |                | \$4.64     | \$16,644,846 |          | \$16.35    | \$10.38       | 123%                           |

**SUMMARY OF ALL TAXES, LICENSES AND PERMITS, SPECIAL ASSESSMENTS, INTERNAL REVENUE AND CUSTOMS DUTIES, 1922**

| Source                                      | Total        | Per Cent<br>of Total | Per<br>Capita |
|---|--------------|----------------------|---------------|
| United States internal revenue receipts...  | \$15,988,000 | 24.55                | \$16.41       |
| United States customs receipts.....         | 200,000      | 0.31                 | 0.20          |
| State .....                                 | 9,515,000    | 14.61                | 9.76          |
| Counties .....                              | 12,305,000   | 18.90                | 17.23         |
| Incorporated places.....                    | 11,092,000   | 17.03                | 18.98         |
| School, irrigation and drainage districts.. | 16,019,000   | 24.60                | 16.44         |
| Total and per capita for state.....         | \$65,119,000 | 100.00               | \$66.77       |

Note.—State per capita does not agree with total of other per capita figures, as not all taxes apply to entire state population.

**TAXES, LICENSES AND PERMITS, AND SPECIAL ASSESSMENTS OF STATE, COUNTIES, INCORPORATED PLACES, AND LOCAL CIVIL DIVISIONS, 1922**  
(Bureau of Census)

| State and All Other<br>Civil Divisions            | Total        | General<br>Property<br>Taxes | Special<br>Taxes | Poll<br>Taxes | Licenses<br>and<br>Permits | Special<br>Assess-<br>ments |
|---|--------------|------------------------------|------------------|---------------|----------------------------|-----------------------------|
| State.....  | \$ 9,515,000 | \$ 6,575,000                 | \$817,000        | ----          | \$1,563,000                | \$ 560,000                  |
| Counties.....                                     | 12,305,000   | 11,794,000                   | -----            | -----         | 511,000                    | -----                       |
| Incorporated places.....                          | 11,091,000   | 8,217,000                    | -----            | \$8,000       | 567,000                    | 2,299,000                   |
| School, irrigation and<br>drainage districts..... | 16,019,000   | 15,964,000                   | -----            | -----         | -----                      | 55,000                      |
| Total, all sources.....                           | \$48,930,000 | \$42,550,000                 | \$817,000        | \$8,000       | \$2,641,000                | \$2,914,000                 |

Note.—Under total of \$16,019,000 for school, irrigation and drainage districts is included general property taxes of \$13,500,000 for school districts; \$34,000 for drainage districts; \$2,380,000 for irrigation districts; and special assessments of \$55,000 for irrigation districts. State licenses and permits include \$991,000 automobile licenses. State special taxes include \$512,000 inheritance tax.

**PER CAPITA TAXES, LICENSES AND PERMITS, AND SPECIAL ASSESSMENTS OF STATE, COUNTIES, INCORPORATED PLACES, AND LOCAL CIVIL DIVISIONS, 1922**

| State and All<br>Other Civil<br>Divisions             | Total   | General<br>Property<br>Taxes | Special<br>Taxes | Poll<br>Taxes | Licenses<br>and<br>Permits | Special<br>Assess-<br>ments |
|---|---------|------------------------------|------------------|---------------|----------------------------|-----------------------------|
| State .....   | \$ 9.76 | \$ 6.75                      | \$ 0.84          | ----          | \$ 1.60                    | \$ 0.57                     |
| Counties .....  | 17.23   | 16.51                        | ----             | ----          | .72                        | ----                        |
| Incorporated<br>places .....                          | 18.98   | 14.06                        | ----             | .01           | .97                        | 3.94                        |
| School, irrigation<br>and drainage<br>districts ..... | 16.44   | 16.39                        | ----             | ----          | ----                       | .05                         |
| Total, all<br>sources .....                           | \$62.41 | \$53.71                      | \$ 0.84          | \$ 0.01       | \$ 3.29                    | \$ 4.56                     |

# RECEIPTS OF STATE GOVERNMENT FOR 1923 TO 1928, INCLUSIVE

NOTE.—This table is compiled from reports of the bureau of the census of the United States department of commerce. Owing to the use of different classifications and inclusion of items not handled through the state auditing department, the figures are not comparable with the auditor's reports.

| Revenue Receipts   | 1923         | 1924         | 1925         | 1926         | 1927         | 1928         |
|--|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Taxes:</b>  |              |              |              |              |              |              |
| General property .....                                     | \$ 6,913,075 | \$ 6,215,155 | \$ 5,844,144 | \$ 5,659,605 | \$ 5,611,972 | \$ 5,971,509 |
| Special:   |              |              |              |              |              |              |
| Property .....   | 200,225      | 190,682      | 182,517      | 183,679      | .....        | .....        |
| Inheritance .....  | 703,731      | 864,161      | 911,039      | 876,009      | 674,690      | 869,408      |
| All others.....  | 89,190       | 102,169      | 93,715       | 86,600       | 272,093      | 281,365      |
| Poll .....   | 342          | 131          | 166          | 122          | 15           | .....        |
| Business license taxes.....                                | *1,406,599   | *2,373,889   | .....        | .....        | .....        | .....        |
| Gasoline .....   | .....        | .....        | 1,847,641    | 2,085,833    | 3,012,626    | 4,118,399    |
| All others.....  | .....        | .....        | 672,989      | 724,291      | 763,558      | 869,001      |
| Non-business license taxes:                                |              |              |              |              |              |              |
| Motor vehicles .....                                       | 635,590      | 660,958      | 789,358      | 828,884      | 876,413      | 980,491      |
| All others.....  | 208,726      | 213,959      | 242,555      | 229,956      | 269,857      | 287,484      |
| Permits .....  | 8,372        | 9,573        | 9,573        | 6,208        | 6,134        | 2,836        |
| Special assessments and special charges for outlays.....   | 932,282      | 871,404      | 883,414      | 53,558       | 93,927       | 41,520       |
| Fines, forfeits, escheats.....                             | 19,431       | 19,054       | 18,416       | 4,029        | 4,596        | 41,595       |
| Subventions and grants, donations and pension assessments: |              |              |              |              |              |              |
| From U. S. Government.....                                 | 1,508,439    | 1,791,013    | 1,662,461    | 1,424,488    | 1,445,798    | 2,053,964    |
| From private persons and corporations.....                 | 55,597       | 191,170      | 17,226       | 121,296      | 57,200       | 40,899       |
| Rents and interest:  |              |              |              |              |              |              |
| Sinking and trust funds.....                               | 477,043      | 447,066      | 540,730      | 322,398      | 473,766      | 449,669      |
| Interest .....   | 523,534      | 542,280      | 521,033      | 709,398      | 660,160      | 687,450      |
| Earnings of general departments.....                       | 1,394,289    | 1,572,353    | 1,651,102    | 1,979,621    | 2,125,555    | 2,113,490    |
| Total revenue receipts.....                                | \$15,073,975 | \$16,065,017 | \$15,888,116 | \$15,295,976 | \$16,348,420 | \$18,803,280 |

\* Not segregated.



DISBURSEMENTS OF STATE GOVERNMENT FOR 1923 TO 1928, INCLUSIVE

| Expenses:  | 1923         | 1924         | 1925         | 1926         | 1927         | 1928         |
|--|--------------|--------------|--------------|--------------|--------------|--------------|
| General government.....                                | \$ 903,618   | \$ 757,949   | \$ 926,138   | \$ 781,274   | \$ 968,797   | \$ 887,149   |
| Protection to persons and property:                    |              |              |              |              |              |              |
| Militia and armories.....                              | 118,198      | 104,096      | 86,746       | 90,705       | 114,294      | 129,529      |
| Regulation.....  | 336,030      | 336,870      | 314,166      | 317,354      | 294,975      | 318,098      |
| All others.....  | 142,097      | 120,528      | 140,687      | 314,952      | 318,051      | 375,976      |
| Development and conservation of natural resources:     |              |              |              |              |              |              |
| Agriculture.....                                       | 533,595      | 585,513      | 492,808      | 654,219      | 657,135      | 742,380      |
| All others.....  | 190,527      | 252,508      | 197,283      | 301,319      | 203,139      | 139,589      |
| Conservation of health and sanitation:                 |              |              |              |              |              |              |
| Prevention and treatment of communicable diseases..... | 36,691       | 37,096       | 36,407       | 27,692       | 24,904       | 23,982       |
| All others.....  | 102,521      | 106,348      | 115,127      | 101,944      | 106,558      | 108,971      |
| Highways.....  | 2,194,606    | 2,552,989    | 2,623,880    | 1,679,991    | 2,455,574    | 2,148,055    |
| Charities, hospitals and corrections.....              | 1,585,162    | 1,901,758    | 1,654,808    | 2,026,190    | 2,174,161    | 2,236,081    |
| Education:   |              |              |              |              |              |              |
| Schools.....   | 3,361,776    | 3,411,549    | 3,810,044    | 3,646,272    | 3,614,122    | 4,117,355    |
| Libraries.....   | 2,000        | 2,200        | 892          | 575          | 1,660        | 1,560        |
| Recreation.....  | 17,393       | 19,206       | 16,716       | 12,829       | 12,610       | 15,085       |
| Miscellaneous.....                                     | 252,553      | 217,455      | 293,227      | 240,659      | 240,197      | 275,482      |
| Interest.....  | 438,737      | 490,318      | 542,154      | 578,273      | 620,860      | 557,468      |
| Total expenses and interest.....                       | \$10,223,504 | \$10,936,383 | \$11,251,083 | \$10,783,848 | \$11,806,350 | \$12,076,860 |
| Outlays (permanent improvements and investments):      |              |              |              |              |              |              |
| Agriculture.....                                       | \$ 60,431    | \$ 17,507    | \$ 22,778    | \$ 31,324    | \$ 20,238    | \$ 4,097     |
| Fish and game.....                                     | .....        | .....        | 31,379       | 118,644      | 93,360       | 112,267      |
| Highways.....  | 4,538,231    | 4,774,445    | 3,761,659    | 3,910,519    | 3,348,800    | 4,919,584    |
| Hospitals and corrections.....                         | 267,615      | 103,652      | 38,659       | 221,819      | 30,642       | 15,528       |
| Education.....   | 1,293,514    | 1,807,411    | 1,532,915    | 704,650      | 711,052      | 399,463      |
| Miscellaneous.....                                     | 31,608       | 7,164        | 6,373        | 59,279       | 136,752      | 4,050        |
| Total governmental costs.....                          | \$16,414,903 | \$17,646,562 | \$16,644,846 | \$15,830,123 | \$16,147,194 | \$17,531,849 |

**PER CAPITA GOVERNMENTAL-COST PAYMENTS (EXCLUSIVE OF INTEREST) FOR OPERATION AND MAINTENANCE OF GENERAL DEPARTMENTS OF STATE GOVERNMENT**

(From Financial Statistics of States Compiled by the Bureau of the Census)

| Department  | 1928    | 1927    | 1926    | 1925    | 1924    | 1923    | All States 1928 |
|---|---------|---------|---------|---------|---------|---------|-----------------|
| General government.....                               | \$ 0.87 | \$ 0.90 | \$ 0.74 | \$ 0.91 | \$ 0.80 | \$ 0.91 | \$ 0.82         |
| Protection to person and property:                    |         |         |         |         |         |         |                 |
| Militia and armories.....                             | 0.13    | 0.11    | 0.09    | 0.09    | 0.10    | 0.12    | 0.10            |
| Regulation .....                                      | 0.31    | 0.27    | 0.30    | 0.31    | 0.34    | 0.35    | 0.29            |
| All others.....                                       | 0.37    | 0.30    | 0.30    | 0.14    | 0.12    | 0.14    | 0.21            |
| Conservation of health and sanitation:                |         |         |         |         |         |         |                 |
| Prevention and treatment of communicable diseases.... | 0.02    | 0.02    | 0.03    | 0.04    | 0.04    | 0.04    | 0.13            |
| All others.....                                       | 0.11    | 0.10    | 0.10    | 0.11    | 0.11    | 0.10    | 0.11            |
| Development and conservation of natural resources:    |         |         |         |         |         |         |                 |
| Agriculture .....                                     | 0.73    | 0.61    | 0.62    | 0.48    | 0.58    | 0.54    | 0.45            |
| All others.....                                       | 0.14    | 0.19    | 0.29    | 0.19    | 0.25    | 0.19    | 0.10            |
| Highways .....  | 2.11    | 2.29    | 1.59    | 2.58    | 2.54    | 2.22    | 1.72            |
| Charities, hospitals and corrections .....            | 2.20    | 2.03    | 1.92    | 1.63    | 1.89    | 1.60    | 1.70            |
| Education:  |         |         |         |         |         |         |                 |
| Schools .....   | 4.04    | 3.37    | 3.45    | 3.74    | 3.40    | 3.40    | 4.05            |
| Libraries .....                                       | (a)     | (a)     | (a)     | (a)     | (a)     | (a)     | 0.02            |
| Recreation .....                                      | 0.01    | 0.01    | 0.01    | 0.02    | 0.02    | 0.02    | 0.03            |
| Miscellaneous .....                                   | 0.27    | 0.22    | 0.23    | 0.29    | 0.22    | 0.26    | 0.44            |
| All general departments*.....                         | \$11.31 | \$10.42 | \$ 9.67 | \$10.53 | \$10.41 | \$ 9.89 | \$10.17         |

\*The totals upon which the per capita figures are based are same as in table on disbursement of state government for expenses and interest, less payments for interest, and do not include outlays for permanent improvements and investments.

(a) Less than one-half of one cent.

**EXPENDITURES DENVER, PUEBLO AND COLORADO SPRINGS, 1915 AND 1925**

(Schools Not Included)  
(Financial Statistics of Cities)  
(Amounts in Thousands)

|                           | General Gov. | Prot. to Pers. & Prop. | Health and San. | Highways | Charities Hosp. Correction | Libraries | Recreation | General & Miscell. | Total   |
|---------------------------|--------------|------------------------|-----------------|----------|----------------------------|-----------|------------|--------------------|---------|
| <b>1915:</b>              |              |                        |                 |          |                            |           |            |                    |         |
| Denver .....              | \$798        | \$739                  | \$239           | \$598    | \$270                      | \$50      | \$415      | \$128              | \$3,237 |
| Pueblo .....              | 43           | 150                    | 31              | 88       | 2                          | 6         | 20         | 16                 | 356     |
| Colorado Springs.....     | 48           | 81                     | 29              | 73       | 3                          | 7         | 30         | 2                  | 273     |
| Total .....               | \$889        | \$970                  | \$299           | \$759    | \$275                      | \$63      | \$465      | \$146              | \$3,866 |
| Per Capita (Pop. 328,458) | \$2.71       | \$2.95                 | \$ .91          | \$2.31   | \$ .84                     | \$ .19    | \$1.42     | \$ .44             | \$11.77 |
| U. S.                     |              |                        |                 |          |                            |           |            |                    |         |
| Group I.....              | 2.94         | 4.90                   | 2.30            | 2.20     | 1.84                       | .26       | .89        | .98                | 16.31   |
| Group V.....              | 1.12         | 2.71                   | 1.12            | 1.70     | .48                        | .20       | .35        | .22                | 7.90    |
| <b>1925:</b>              |              |                        |                 |          |                            |           |            |                    |         |
| Denver .....              | \$1,040      | \$1,881                | \$614           | \$1,048  | \$709                      | \$149     | \$614      | \$379              | \$6,434 |
| Pueblo .....              | 74           | 219                    | 58              | 131      | 3                          | 9         | 51         | 18                 | 563     |
| Colorado Springs.....     | 59           | 151                    | 43              | 92       | 5                          | 13        | 88         | 18                 | 469     |
| Total .....               | \$1,173      | \$2,251                | \$715           | \$1,271  | \$717                      | \$171     | \$753      | \$415              | \$7,466 |
| Per Capita (Pop. 354,803) | \$3.32       | \$6.36                 | \$2.02          | \$3.59   | \$2.02                     | \$ .48    | \$2.12     | \$1.17             | \$21.10 |
| U. S.                     |              |                        |                 |          |                            |           |            |                    |         |
| Group I.....              | \$4.46       | \$8.99                 | \$4.83          | \$3.67   | \$3.09                     | \$ .52    | \$1.47     | \$2.77             | \$29.80 |
| Group V.....              | 1.77         | 5.19                   | 2.24            | 2.89     | 1.01                       | .38       | .79        | .88                | 15.13   |

ACRES, VALUE PER ACRE AND TOTAL VALUE OF AGRICULTURAL LANDS AS RETURNED FOR ASSESSMENT IN COLORADO, 1912-1930, INCLUSIVE

| YEAR  | Fruit Land |             |               | Irrigated Land |               |               | Natural Hay Land |             |               | Dry Farming Land |               |               | Grazing Land |              |               | Total, Including Grazing Land |               |
|---|------------|-------------|---------------|----------------|---------------|---------------|------------------|-------------|---------------|------------------|---------------|---------------|--------------|--------------|---------------|-------------------------------|---------------|
|   | Acres      | Value       | Val. per Acre | Acres          | Value         | Val. Per Acre | Acres            | Value       | Val. per Acre | Acres            | Value         | Val. per Acre | Acres        | Value        | Val. per Acre | Acres                         | Value         |
| 1912-----   | 211,042    | \$4,988,882 | \$ 23.61      | 1,813,168      | \$ 32,355,224 | \$17.83       | 189,199          | \$2,508,029 | \$13.78       | 2,494,986        | \$ 10,147,170 | \$ 4.06       | 13,354,970   | \$21,121,657 | \$1.58        | 18,063,365                    | \$ 71,220,962 |
| 1913-----   | 23,836     | 6,774,119   | 284.19        | 2,248,274      | 123,778,342   | 55.05         | 116,605          | 2,668,460   | 23.08         | 3,363,081        | 27,300,435    | 8.14          | 13,676,229   | 53,764,276   | 3.87          | 19,617,025                    | 214,285,633   |
| 1914-----   | 23,500     | 5,899,394   | 251.03        | 2,236,000      | 138,898,406   | 62.12         | 190,856          | 4,539,906   | 23.78         | 3,277,919        | 29,210,497    | 6.91          | 15,381,078   | 67,932,182   | 4.41          | 21,109,362                    | 246,480,365   |
| 1916-----   | 28,813     | 5,906,723   | 209.35        | 2,154,168      | 143,427,442   | 66.58         | 214,242          | 6,501,942   | 25.67         | 3,602,656        | 33,009,038    | 9.16          | 16,284,222   | 75,928,115   | 4.66          | 22,284,101                    | 253,773,260   |
| 1916-----   | 28,473     | 5,429,620   | 190.69        | 2,173,335      | 142,635,050   | 65.10         | 211,447          | 5,472,966   | 25.88         | 3,644,019        | 34,935,150    | 9.58          | 17,110,253   | 79,809,582   | 4.66          | 23,167,537                    | 268,282,668   |
| 1917-----   | 29,076     | 5,467,705   | 166.06        | 2,114,917      | 146,739,916   | 69.38         | 247,457          | 5,509,093   | 25.30         | 8,266,507        | 78,679,563    | 9.52          | 13,090,752   | 55,659,940   | 5.01          | 23,748,719                    | 302,956,217   |
| 1918-----   | 29,394     | 4,936,880   | 157.92        | 2,144,617      | 162,720,726   | 71.21         | 242,626          | 6,570,620   | 27.08         | 8,583,999        | 107,115,897   | 12.48         | 14,129,307   | 78,018,806   | 6.52          | 25,129,943                    | 349,361,929   |
| 1919-----   | 31,247     | 6,283,365   | 169.08        | 2,246,476      | 170,817,162   | 76.04         | 220,739          | 6,522,935   | 29.55         | 10,002,192       | 145,972,243   | 14.59         | 14,132,169   | 76,408,675   | 5.34          | 26,632,813                    | 404,004,386   |
| 1920-----   | 32,148     | 5,415,980   | 168.47        | 2,308,415      | 192,800,890   | 83.52         | 226,330          | 6,679,737   | 29.25         | 10,339,797       | 167,137,261   | 16.16         | 15,071,165   | 88,405,110   | 6.87          | 27,079,855                    | 460,438,978   |
| 1921-----   | 32,084     | 6,254,095   | 163.76        | 2,292,701      | 191,430,830   | 83.45         | 253,395          | 7,344,393   | 27.88         | 11,161,376       | 178,472,552   | 15.91         | 15,593,783   | 88,303,927   | 6.66          | 29,343,340                    | 470,805,897   |
| 1922-----   | 29,859     | 5,033,990   | 168.59        | 2,263,954      | 187,374,129   | 82.75         | 267,928          | 7,662,085   | 28.50         | 11,037,563       | 158,490,956   | 15.26         | 16,981,618   | 91,802,094   | 5.41          | 30,580,922                    | 460,363,253   |
| 1923-----   | 30,229     | 4,937,037   | 163.32        | 2,287,653      | 182,631,435   | 79.79         | 272,021          | 7,714,385   | 28.36         | 11,119,294       | 161,831,776   | 14.55         | 18,059,178   | 92,620,568   | 5.13          | 31,768,376                    | 449,635,202   |
| 1924-----   | 31,378     | 4,781,405   | 152.38        | 2,253,955      | 179,336,632   | 79.56         | 260,658          | 7,539,590   | 28.92         | 11,054,786       | 151,314,043   | 13.68         | 19,032,970   | 90,409,339   | 4.75          | 32,633,747                    | 433,381,009   |
| 1925-----   | 30,352     | 4,480,357   | 147.51        | 2,283,110      | 173,219,787   | 75.87         | 261,525          | 7,631,229   | 29.18         | 11,540,466       | 150,057,870   | 12.89         | 19,552,156   | 82,460,126   | 4.22          | 33,767,509                    | 417,849,369   |
| 1926-----   | 24,783     | 3,671,270   | 148.14        | 2,224,443      | 171,002,084   | 75.87         | 347,445          | 8,908,931   | 26.54         | 11,473,210       | 147,264,503   | 12.84         | 20,317,793   | 82,673,684   | 4.06          | 34,387,675                    | 413,420,372   |
| 1927-----   | 20,045     | 3,287,155   | 153.99        | 2,249,195      | 169,651,231   | 76.61         | 328,920          | 8,594,150   | 26.43         | 11,659,097       | 143,889,054   | 12.45         | 20,724,216   | 81,135,763   | 3.92          | 34,881,473                    | 406,857,353   |
| 1928-----   | 20,515     | 3,230,062   | 157.45        | 2,239,622      | 156,644,976   | 73.96         | 330,990          | 8,628,409   | 25.07         | 11,392,035       | 137,717,586   | 12.09         | 21,179,940   | 77,735,048   | 3.67          | 35,163,103                    | 392,956,060   |
| 1929-----   | 20,771     | 3,177,745   | 162.99        | 2,192,666      | 166,980,644*  | 72.52         | 347,852          | 8,584,723   | 24.68         | 11,385,796       | 129,514,067   | 11.38         | 20,800,067   | 75,564,485   | 3.63          | 34,747,152                    | 383,811,564   |
| 1930-----   | 20,214     | 3,212,663   | 158.93        | 2,163,794      | 153,447,779   | 70.92         | 355,192          | 8,504,900   | 23.95         | 11,516,523       | 124,829,179   | 10.84         | 20,836,558   | 72,614,305   | 3.48          | 34,892,281                    | 362,608,726   |
| Per cent of increase or decrease,<br>1913-1930----- | D. 16.20   | D. 62.58    | D. 44.23      | D. 3.76        | I. 23.97      | I. 28.83      | I. 207.25        | I. 218.72   | I. 3.77       | I. 243.46        | I. 357.24     | 1.33.17       | I. 50.16     | I. 34.87     | D.<br>10.08   | I. 77.87                      | I. 69.17      |

\*Includes waste and seep lands, suburban and mountain home sites.  
1912 was the last year in which assessments were on the basis of one-third of actual cash value, and that year's figures are shown only for the purpose of information. In 1913 Colorado first attempted assessment at full cash value, and figures for that year are comparable with figures for subsequent years.





VALUATION AND TAXES LEVIED, TOGETHER WITH MILL LEVIES FOR COUNTY,  
AVERAGE LEVIES FOR TOWN AND SCHOOL PURPOSES, AND THE AVERAGE  
TOTAL LEVIES FOR THE YEAR 1929.\* STATE LEVY 3.66 MILLS

| COUNTY           | Valuation       | Revenue         | County<br>Levy | Average<br>Town<br>Levy | Average<br>School<br>Levy | Average<br>Total<br>Levy |
|------------------|-----------------|-----------------|----------------|-------------------------|---------------------------|--------------------------|
| Adams.....       | \$ 32,167,140   | \$ 790,822.45   | 6.28           | 19.88                   | 12.16                     | 24.58                    |
| Alamosa.....     | 9,997,212       | 364,756.78      | 5.72           | 19.50                   | 21.20                     | 36.49                    |
| Arapahoe.....    | 23,516,600      | 739,422.74      | 5.67           | 15.06                   | 17.72                     | 31.44                    |
| Archuleta.....   | 4,675,980       | 121,680.45      | 8.55           | 17.50                   | 11.94                     | 26.02                    |
| Baca.....        | 13,389,800      | 375,961.97      | 7.34           | 16.66                   | 15.88                     | 28.08                    |
| Bent.....        | 13,741,575      | 339,704.56      | 7.39           | 14.00                   | 12.01                     | 24.72                    |
| Boulder.....     | 46,862,800      | 1,428,835.93    | 7.24           | 10.14                   | 15.03                     | 30.49                    |
| Chaffee.....     | 9,582,685       | 327,295.84      | 12.00          | 11.95                   | 13.45                     | 34.15                    |
| Cheyenne.....    | 13,789,359      | 254,111.86      | 3.15           | 17.00                   | 11.08                     | 18.43                    |
| Clear Creek..... | 5,419,530       | 155,810.13      | 10.50          | 13.89                   | 9.89                      | 28.75                    |
| Conejos.....     | 9,291,400       | 326,710.87      | 12.00          | 14.00                   | 17.71                     | 35.16                    |
| Costilla.....    | 5,312,665       | 198,614.81      | 14.00          | 8.60                    | 19.25                     | 37.39                    |
| Crowley.....     | 10,169,835      | 283,548.85      | 4.45           | 15.17                   | 17.17                     | 27.88                    |
| Custer.....      | 3,055,845       | 85,881.46       | 10.50          | 10.18                   | 12.91                     | 28.10                    |
| Delta.....       | 15,079,260      | 606,787.50      | 12.45          | 11.77                   | 20.37                     | 40.24                    |
| Denver.....      | 458,290,360     | †14,802,773.63  | 4.742          | 10.098                  | 13.80                     | 32.30                    |
| Dolores.....     | 1,825,115       | 70,597.73       | 19.40          | 14.00                   | 13.36                     | 38.68                    |
| Douglas.....     | 11,431,170      | 221,773.89      | 6.10           | 22.00                   | 8.56                      | 19.32                    |
| Eagle.....       | 7,176,615       | 216,845.30      | 11.50          | 16.73                   | 13.42                     | 30.22                    |
| Elbert.....      | 17,708,570      | 373,347.18      | 4.91           | 12.73                   | 12.05                     | 21.08                    |
| El Paso.....     | 75,583,240      | 2,637,549.73    | 5.00           | 13.72                   | 17.81                     | 34.90                    |
| Fremont.....     | 23,378,090      | 755,242.56      | 6.34           | 12.38                   | 17.42                     | 32.31                    |
| Garfield.....    | 18,068,565      | 683,486.07      | 11.00          | 17.49                   | 19.64                     | 37.83                    |
| Gilpin.....      | 2,877,759       | 86,984.94       | 12.50          | 23.67                   | 10.46                     | 30.23                    |
| Grand.....       | 5,816,355       | 136,175.17      | 9.08           | 15.23                   | 9.63                      | 23.41                    |
| Gunnison.....    | 15,917,200      | 397,623.40      | 8.75           | 12.97                   | 10.62                     | 24.98                    |
| Hinsdale.....    | 1,005,857       | 47,180.92       | 27.25          | 22.00                   | 13.32                     | 46.91                    |
| Huerfano.....    | 16,605,932      | 591,903.59      | 10.30          | 11.17                   | 18.93                     | 35.64                    |
| Jackson.....     | 3,903,750       | 63,398.17       | 5.45           | 16.00                   | 6.34                      | 16.24                    |
| Jefferson.....   | 27,796,760      | 799,343.19      | 7.98           | 14.88                   | 15.03                     | 25.76                    |
| Kiowa.....       | 13,220,059      | 226,367.90      | 1.34           | 18.26                   | 11.46                     | 17.12                    |
| Kit Carson.....  | 21,295,855      | 555,942.41      | 5.48           | 16.49                   | 14.52                     | 26.11                    |
| Lake.....        | 7,603,815       | 280,175.47      | 11.44          | 35.00                   | 13.96                     | 36.85                    |
| La Plata.....    | 15,501,175      | 534,965.46      | 9.55           | 11.08                   | 17.69                     | 34.51                    |
| Larimer.....     | 53,484,980      | 1,661,789.07    | 8.50           | 14.41                   | 14.00                     | 31.07                    |
| Las Animas.....  | 41,955,570      | 1,415,085.18    | 7.17           | 18.20                   | 18.16                     | 33.73                    |
| Lincoln.....     | 20,406,035      | 503,733.53      | 5.63           | 16.72                   | 13.86                     | 24.69                    |
| Logan.....       | 36,915,800      | 1,076,243.92    | 6.50           | 18.596                  | 15.23                     | 29.155                   |
| Mesa.....        | 30,225,510      | 1,028,470.97    | 7.00           | 14.72                   | 17.75                     | 34.03                    |
| Mineral.....     | 1,566,140       | 35,098.54       | 9.17           | 22.00                   | 6.78                      | 22.41                    |
| Moffat.....      | 7,364,950       | 250,288.63      | 13.25          | 19.00                   | 14.30                     | 34.34                    |
| Montezuma.....   | 6,564,215       | 247,649.30      | 12.32          | 16.50                   | 18.37                     | 37.73                    |
| Montrose.....    | 12,314,450      | 484,403.51      | 12.27          | 15.49                   | 19.18                     | 39.34                    |
| Morgan.....      | 29,101,210      | 828,856.62      | 7.143          | 11.09                   | 15.45                     | 28.48                    |
| Otero.....       | 32,300,715      | 947,702.87      | 4.95           | 14.74                   | 15.93                     | 29.34                    |
| Ouray.....       | 4,086,041       | 133,383.19      | 13.00          | 18.44                   | 12.47                     | 32.64                    |
| Park.....        | 8,904,500       | 147,028.94      | 7.00           | 4.77                    | 5.69                      | 16.51                    |
| Phillips.....    | 15,435,890      | 317,338.33      | 4.67           | 10.86                   | 10.94                     | 20.56                    |
| Pitkin.....      | 3,938,165       | 138,530.83      | 18.00          | 43.00                   | 10.18                     | 35.18                    |
| Prowers.....     | 22,012,235      | 658,399.04      | 7.13           | 15.44                   | 15.99                     | 29.91                    |
| Pueblo.....      | 81,450,092      | 3,120,526.78    | 4.66           | 24.50                   | 17.92                     | 38.31                    |
| Rio Blanco.....  | 5,958,175       | 161,849.64      | 9.24           | 12.50                   | 12.86                     | 27.16                    |
| Rio Grande.....  | 10,941,980      | 445,074.61      | 8.20           | 16.46                   | 25.25                     | 40.68                    |
| Routt.....       | 15,907,960      | 470,376.39      | 7.95           | 19.70                   | 15.12                     | 29.57                    |
| Saguache.....    | 11,477,884      | 303,026.72      | 7.40           | 11.81                   | 14.24                     | 26.40                    |
| San Juan.....    | 3,440,058       | 97,732.45       | 12.08          | 10.37                   | 10.76                     | 28.41                    |
| San Miguel.....  | 5,439,315       | 194,274.27      | 17.34          | 9.66                    | 12.53                     | 35.72                    |
| Sedgwick.....    | 13,277,680      | 394,844.68      | 8.76           | 16.80                   | 14.58                     | 29.73                    |
| Summit.....      | 4,639,146       | 118,709.73      | 10.375         | 14.27                   | 10.02                     | 25.59                    |
| Teller.....      | 5,674,560       | 234,943.54      | 13.10          | 54.95                   | 14.75                     | 41.40                    |
| Washington.....  | 17,245,073      | 460,604.56      | 5.25           | 12.35                   | 16.75                     | 26.71                    |
| Weld.....        | 105,202,720     | 3,243,121.27    | 6.71           | 14.45                   | 17.35                     | 30.83                    |
| Yuma.....        | 25,058,795      | 664,743.17      | 4.50           | 12.13                   | 16.91                     | 26.53                    |
| State.....       | \$1,593,397,772 | \$49,665,458.19 | 8.96           | 16.43                   | †14.43                    | 31.16                    |

\*From County Treasurers' Annual Statements.

†Includes Revenues of Water and Park Districts.

‡Exclusive of Educational Institutions.

Note.—County levy does not include general school tax levy, shown in another table.

**DETAILED STATEMENT OF ASSESSMENT FOR 1930**  
(From the Records of the State Tax Commission)

| COUNTY           | Valuation<br>by County<br>Assessor | Valuation by Tax Commission |                        |                        |                      |                    |                      |                            |                               |   |  |
|------------------|------------------------------------|-----------------------------|------------------------|------------------------|----------------------|--------------------|----------------------|----------------------------|-------------------------------|---|--|
|                  |                                    | Railroad<br>Companies       | Telephone<br>Companies | Telegraph<br>Companies | Express<br>Companies | Pullman<br>Company | Private<br>Car Lines | Self-<br>Winding<br>Clocks | Local<br>Utility<br>Companies | Motor<br>Vehicle<br>Carriers<br>(Bus and<br>Truck<br>Lines) | Total<br>Valuation<br>by Tax<br>Commission |
| Adams-----       | \$ 27,147,530                      | \$ 4,331,880                | \$ 269,790             | \$ 126,400             | \$ 7,120             | \$ 44,080          | \$ 27,930            | \$ 225                     | \$ 177,350                    | \$ 54,045   | \$ 5,038,770                               |
| Alamosa-----     | 8,299,230                          | 1,613,090                   | 63,720                 | 10,700                 | 2,970                | 5,810              | 6,050                | 300                        | 188,210                       | 4,990   | 1,855,840                                  |
| Arapahoe-----    | 19,911,000                         | 2,625,560                   | 327,000                | 74,760                 | 4,960                | 33,580             | 16,100               | 330                        | 932,360                       | 30,569  | 2,046,229                                  |
| Archuleta-----   | 2,611,079                          | 1,973,350                   | 13,060                 | 10,410                 | 3,610                | ---                | 200                  | ---                        | 18,060                        | 2,120   | 2,026,790                                  |
| Baca-----        | 12,082,470                         | 2,125,920                   | 32,210                 | 2,680                  | 2,840                | ---                | 13,840               | ---                        | 57,840                        | 1,000   | 2,236,330                                  |
| Bent-----        | 9,968,360                          | 3,491,740                   | 75,720                 | 33,210                 | 4,440                | 17,040             | 24,860               | ---                        | 139,800                       | 4,700   | 3,791,510                                  |
| Boulder-----     | 38,300,870                         | 3,757,320                   | 534,860                | 26,670                 | 5,750                | 17,130             | 27,450               | 420                        | 4,693,850                     | 50,630  | 9,114,080                                  |
| Chaffee-----     | 6,766,260                          | 2,412,530                   | 71,530                 | 42,820                 | 4,030                | 21,700             | 14,170               | 210                        | 523,740                       | 1,950   | 3,092,720                                  |
| Cheyenne-----    | 10,810,565                         | 2,886,720                   | 29,110                 | 57,940                 | 3,610                | 29,110             | 19,840               | ---                        | ---                           | 16,793  | 3,043,123                                  |
| Clear Creek----- | 4,046,285                          | 905,170                     | 39,280                 | 3,710                  | 1,720                | ---                | ---                  | ---                        | 421,090                       | 17,640  | 1,383,610                                  |
| Conejos-----     | 7,413,570                          | 1,694,600                   | 38,850                 | 11,910                 | 3,100                | ---                | 520                  | ---                        | 42,660                        | 360   | 1,792,000                                  |
| Costilla-----    | 4,136,750                          | 1,056,420                   | 36,300                 | 7,160                  | 3,630                | 14,810             | 12,130               | ---                        | 24,960                        | 1,270   | 1,156,660                                  |
| Crowley-----     | 8,371,298                          | 1,140,150                   | 43,770                 | 7,440                  | 1,800                | 14,460             | 9,650                | 90                         | 153,630                       | 1,240   | 1,372,230                                  |
| Custer-----      | 2,647,868                          | 396,610                     | 10,090                 | 2,900                  | 720                  | ---                | 2,040                | ---                        | 15,210                        | ---   | 427,570                                    |
| Delta-----       | 12,236,100                         | 2,179,000                   | 132,940                | 23,320                 | 3,980                | ---                | 23,640               | 195                        | 83,490                        | 6,130   | 2,452,695                                  |
| Denver-----      | 424,138,680                        | 2,445,830                   | 8,254,990              | 60,000                 | 4,340                | 18,410             | 12,220               | 12,795                     | 25,023,650                    | 21,938  | 35,854,173                                 |
| Dolores-----     | 1,965,207                          | 70,880                      | 3,250                  | 1,910                  | 150                  | ---                | 810                  | ---                        | 24,670                        | ---   | 101,670                                    |
| Douglas-----     | 7,339,725                          | 3,530,030                   | 145,120                | 163,510                | 5,410                | 53,380             | 28,440               | ---                        | 543,820                       | 28,270  | 4,497,980                                  |
| Eagle-----       | 5,180,706                          | 2,542,570                   | 31,480                 | 51,790                 | 4,710                | 29,590             | 23,590               | ---                        | 193,620                       | ---   | 2,877,350                                  |
| Elbert-----      | 12,861,815                         | 3,345,450                   | 53,570                 | 51,640                 | 6,400                | 39,140             | 23,870               | ---                        | 80,440                        | 13,498  | 3,616,948                                  |
| El Paso-----     | 65,698,860                         | 6,788,820                   | 1,060,200              | 216,850                | 12,210               | 88,460             | 50,450               | 1,965                      | 1,426,380                     | 38,210  | 9,683,545                                  |
| Fremont-----     | 17,581,213                         | 3,450,400                   | 161,690                | 46,450                 | 4,790                | 32,750             | 31,240               | 210                        | 1,545,310                     | 17,760  | 5,290,600                                  |
| Garfield-----    | 18,213,585                         | 3,101,440                   | 104,080                | 64,320                 | 6,620                | 30,980             | 26,190               | 90                         | 1,659,160                     | 6,010   | 4,998,890                                  |
| Gilpin-----      | 1,920,322                          | 1,151,590                   | 26,580                 | 3,980                  | 2,120                | ---                | 2,960                | ---                        | 96,180                        | 1,000   | 1,284,410                                  |
| Grand-----       | 4,532,350                          | 2,247,840                   | 44,570                 | 17,610                 | 3,040                | ---                | 13,250               | ---                        | 13,070                        | 14,560  | 2,336,330                                  |
| Gunnison-----    | 9,879,535                          | 5,687,350                   | 56,270                 | 17,610                 | 6,700                | ---                | 1,260                | 180                        | 10,310                        | 190   | 5,779,870                                  |
| Hinsdale-----    | 866,883                            | 294,710                     | 2,090                  | ---                    | 540                  | ---                | ---                  | ---                        | 14,760                        | ---   | 312,100                                    |
| Huerfano-----    | 10,763,391                         | 4,144,820                   | 99,130                 | 86,830                 | 7,400                | 45,250             | 40,470               | ---                        | 875,580                       | 16,220  | 5,315,700                                  |



|            |                 |               |              |             |           |             |             |              |          |           |               |
|------------|-----------------|---------------|--------------|-------------|-----------|-------------|-------------|--------------|----------|-----------|---------------|
| Jackson    | 3,459,360       | 200,200       | 8,640        | 43,290      | 2,500     | 2,530       | 8,380       | 1,178,450    | 40       | 21,880    | 211,380       |
| Jefferson  | 23,565,590      | 3,424,700     | 393,220      | 43,290      | 6,560     | 2,630       | 8,380       | ---          | ---      | ---       | 5,079,110     |
| Kiowa      | 9,692,060       | 3,181,870     | 38,640       | 20,040      | 5,010     | 40,350      | 26,800      | ---          | ---      | ---       | 3,312,710     |
| Kit Carson | 18,863,393      | 2,142,660     | 29,370       | 34,560      | 3,450     | 27,760      | 18,400      | 210          | ---      | 7,470     | 2,291,440     |
| Lake       | 5,111,900       | 1,735,460     | 59,370       | 27,600      | 3,080     | 10,660      | 10,470      | 255          | 420      | ---       | 2,375,105     |
| La Plata   | 11,222,115      | 1,799,920     | 80,120       | 18,430      | 6,930     | ---         | 5,580       | 1,027,290    | 10,350   | ---       | 4,129,040     |
| Larimer    | 45,811,540      | 5,037,350     | 476,920      | 23,980      | 5,810     | 24,000      | 39,400      | 893,920      | 39,100   | ---       | 6,546,055     |
| Las Animas | 28,243,522      | 3,264,560     | 238,160      | 151,970     | 11,460    | 64,430      | 59,330      | 2,930,760    | 14,430   | ---       | 12,730,380    |
| Lincoln    | 15,010,930      | 3,043,800     | 63,250       | 56,730      | 4,230     | 34,470      | 20,890      | 124,530      | 16,277   | ---       | 3,372,287     |
| Logan      | 23,059,513      | 6,524,100     | 180,610      | 61,610      | 3,670     | 45,690      | 40,320      | 616,560      | 350      | ---       | 7,496,340     |
| Mesa       | 26,297,460      | 3,294,390     | 248,920      | 80,580      | 6,430     | 32,420      | 35,480      | 751,760      | 720      | 7,350     | 4,458,050     |
| Mineral    | 1,058,959       | 545,530       | 9,050        | 1,990       | 1,000     | ---         | 5,770       | 45,000       | ---      | 600       | 608,340       |
| Moffat     | 6,911,554       | 217,230       | 32,350       | 6,830       | 430       | ---         | 980         | 98,420       | ---      | 600       | 350,010       |
| Montezuma  | 5,854,765       | 250,760       | 56,850       | ---         | 3,590     | ---         | 2,640       | 64,460       | ---      | 1,400     | 386,530       |
| Montrose   | 10,131,337      | 1,641,310     | 117,630      | 15,310      | 3,000     | ---         | 5,350       | 132,330      | 255      | 4,400     | 1,919,585     |
| Morgan     | 22,837,470      | 4,330,520     | 204,620      | 95,000      | 5,380     | 43,190      | 26,950      | 152,950      | ---      | 22,682    | 4,881,292     |
| Otero      | 26,936,440      | 4,164,780     | 171,070      | 67,720      | 5,300     | 34,550      | 29,580      | 702,950      | 210      | 6,210     | 5,182,370     |
| Ouray      | 3,098,963       | 808,800       | 34,790       | 8,200       | 2,140     | ---         | 1,580       | 163,730      | ---      | 4,250     | 1,023,490     |
| Park       | 5,204,140       | 3,337,270     | 46,080       | 67,940      | 3,720     | ---         | 300         | 37,200       | ---      | ---       | 3,492,510     |
| Phillips   | 13,582,505      | 1,783,680     | 31,350       | 4,160       | 2,080     | ---         | 10,860      | 1,832,130    | ---      | ---       | 1,832,130     |
| Pitkin     | 2,959,120       | 729,420       | 24,550       | 3,210       | 1,170     | ---         | 4,810       | 94,210       | ---      | ---       | 857,370       |
| Powers     | 17,583,905      | 3,642,950     | 148,880      | 35,250      | 4,610     | 17,760      | 24,510      | 101,390      | 75       | 4,700     | 3,980,105     |
| Pueblo     | 69,430,605      | 7,341,610     | 1,101,280    | 189,880     | 12,560    | 92,630      | 57,000      | 4,750,130    | 1,215    | 48,220    | 13,594,525    |
| Rio Blanco | 5,657,715       | 107,480       | 27,150       | ---         | 450       | ---         | ---         | ---          | ---      | 3,300     | 138,380       |
| Rio Grande | 9,548,476       | 1,370,660     | 64,490       | 5,710       | 2,340     | ---         | 13,180      | 129,720      | 270      | 2,400     | 1,588,770     |
| Routt      | 13,521,020      | 2,637,500     | 61,020       | ---         | 5,210     | ---         | 19,830      | 557,680      | ---      | 670       | 3,281,910     |
| Saguache   | 7,625,244       | 2,814,600     | 43,630       | 16,740      | 4,720     | ---         | 280         | 67,620       | 10,630   | ---       | 2,958,220     |
| San Juan   | 3,005,538       | 589,990       | 22,650       | 1,500       | 750       | ---         | ---         | 172,700      | 3,360    | ---       | 790,950       |
| San Miguel | 3,571,815       | 190,800       | 31,630       | 6,270       | 1,900     | ---         | 2,230       | 829,860      | 630      | ---       | 1,063,335     |
| Sedgwick   | 11,377,105      | 1,442,660     | 59,230       | 28,260      | 1,800     | 14,120      | 8,160       | 30,720       | 15       | 8,633     | 1,593,583     |
| Summit     | 2,400,266       | 1,562,750     | 27,770       | 12,140      | 2,570     | ---         | ---         | 385,900      | ---      | ---       | 1,991,130     |
| Teller     | 3,490,120       | 654,330       | 116,550      | ---         | ---       | ---         | ---         | 777,070      | ---      | ---       | 1,547,950     |
| Washington | 13,688,000      | 1,999,380     | 37,590       | 46,960      | 2,470     | 19,930      | 11,310      | 110,950      | ---      | 6,884     | 2,235,474     |
| Weld       | 83,248,294      | 16,273,560    | 600,170      | 293,530     | 21,560    | 66,070      | 106,160     | 1,449,560    | 660      | 71,363    | 18,382,613    |
| Yuma       | 22,677,680      | 1,985,580     | 50,990       | 46,390      | 2,320     | 18,640      | 11,030      | ---          | ---      | 4,730     | 2,119,650     |
| State      | \$1,383,377,923 | \$172,655,060 | \$16,686,810 | \$2,678,680 | \$273,920 | \$1,125,020 | \$1,060,700 | \$57,886,530 | \$22,530 | \$692,730 | \$253,084,980 |

**MILEAGE AND VALUE OF RAILROADS, TELEGRAPH AND TELEPHONE LINES AS  
RETURNED BY STATE TAX COMMISSION FOR 1930**

| COUNTY      | Miles of<br>Railroad | Value         | Miles of<br>Telephone | Value        | Miles of<br>Telegraph | Value       |
|-------------|----------------------|---------------|-----------------------|--------------|-----------------------|-------------|
| Adams       | 92.18                | \$ 4,331,880  | 7,449.66              | \$ 269,790   | 1,250.84              | \$ 126,400  |
| Alamosa     | 51.45                | 1,613,090     | 1,561.50              | 53,720       | 93.47                 | 10,700      |
| Arapahoe    | 62.94                | 2,625,560     | 8,815.64              | 327,000      | 711.25                | 74,750      |
| Archuleta   | 63.10                | 1,978,350     | 315.25                | 13,050       | 90.87                 | 10,410      |
| Baca        | 47.24                | 2,125,920     | 943.00                | 32,210       | 23.44                 | 2,680       |
| Bent        | 77.59                | 3,491,740     | 1,945.00              | 75,720       | 481.53                | 33,210      |
| Boulder     | 98.26                | 3,757,320     | 15,830.24             | 534,860      | 232.90                | 26,670      |
| Chaffee     | 76.95                | 2,412,580     | 2,094.00              | 71,530       | 382.90                | 42,820      |
| Cheyenne    | 63.12                | 2,886,720     | 736.44                | 29,110       | 506.04                | 57,940      |
| Clear Creek | 26.03                | 905,170       | 1,150.00              | 39,280       | 32.42                 | 3,710       |
| Conejos     | 54.05                | 1,694,600     | 1,156.00              | 38,850       | 103.98                | 11,910      |
| Costilla    | 63.63                | 1,056,420     | 1,075.05              | 36,300       | 62.42                 | 7,150       |
| Crowley     | 31.35                | 1,140,150     | 1,163.20              | 43,770       | 64.94                 | 7,440       |
| Custer      | 12.65                | 396,610       | 299.00                | 10,090       | 25.30                 | 2,900       |
| Delta       | 69.50                | 2,179,000     | 4,059.00              | 132,940      | 203.64                | 23,320      |
| Denver      | 54.86                | 2,445,830     | 241,460.40            | 8,254,990    | 614.20                | 60,000      |
| Dolores     | 17.72                | 70,880        | 45.00                 | 3,250        | 16.67                 | 1,910       |
| Douglas     | 94.39                | 3,530,030     | 3,641.76              | 145,120      | 1,746.01              | 163,510     |
| Eagle       | 82.21                | 2,542,570     | 963.50                | 31,480       | 452.24                | 51,790      |
| Elbert      | 83.24                | 3,348,450     | 1,175.60              | 53,570       | 450.96                | 51,640      |
| El Paso     | 190.78               | 6,788,820     | 80,224.22             | 1,060,200    | 2,280.56              | 216,850     |
| Fremont     | 101.38               | 3,450,400     | 4,758.00              | 161,690      | 465.18                | 46,450      |
| Garfield    | 118.04               | 3,101,440     | 2,969.25              | 104,080      | 562.32                | 64,320      |
| Gilpin      | 36.95                | 1,151,590     | 778.00                | 26,580       | 34.76                 | 3,980       |
| Grand       | 76.58                | 2,247,340     | 1,337.00              | 44,570       | -----                 | -----       |
| Gunnison    | 184.03               | 5,687,350     | 1,476.66              | 56,270       | 183.88                | 17,610      |
| Hinsdale    | 9.40                 | 294,710       | 77.00                 | 2,090        | -----                 | -----       |
| Huerfano    | 127.75               | 4,144,820     | 2,669.84              | 99,130       | 816.67                | 86,830      |
| Jackson     | 43.88                | 200,200       | 253.00                | 8,640        | -----                 | -----       |
| Jefferson   | 98.58                | 3,424,700     | 11,537.00             | 395,220      | 378.02                | 43,290      |
| Kiowa       | 87.49                | 3,181,870     | 793.44                | 38,640       | 175.00                | 20,040      |
| Kit Carson  | 60.18                | 2,142,660     | 884.50                | 29,370       | 301.80                | 34,560      |
| Lake        | 53.69                | 1,735,460     | 1,738.00              | 59,370       | 240.99                | 27,600      |
| La Plata    | 121.00               | 2,979,920     | 2,356.25              | 80,120       | 160.98                | 15,430      |
| Larimer     | 136.37               | 5,037,350     | 13,378.48             | 476,920      | 209.46                | 23,980      |
| Las Animas  | 232.75               | 9,264,560     | 6,403.40              | 233,160      | 1,772.57              | 151,970     |
| Lincoln     | 73.33                | 3,049,860     | 1,454.74              | 65,250       | 495.40                | 56,730      |
| Logan       | 133.60               | 6,524,100     | 4,560.12              | 180,610      | 785.06                | 61,610      |
| Mesa        | 112.25               | 3,294,390     | 7,267.90              | 248,920      | 703.69                | 80,580      |
| Mineral     | 17.40                | 545,530       | 265.00                | 9,050        | 17.41                 | 1,990       |
| Moffat      | 7.49                 | 217,230       | 941.00                | 32,350       | -----                 | -----       |
| Montezuma   | 62.69                | 250,760       | 1,722.00              | 56,850       | 59.67                 | 6,830       |
| Montrose    | 52.35                | 1,641,310     | 3,471.50              | 117,630      | 133.71                | 15,310      |
| Morgan      | 90.53                | 4,330,520     | 5,452.34              | 204,620      | 1,024.84              | 95,000      |
| Otero       | 92.58                | 4,164,780     | 4,858.20              | 171,070      | 999.47                | 67,720      |
| Ouray       | 37.40                | 808,800       | 1,018.00              | 34,790       | 71.62                 | 8,200       |
| Park        | 95.97                | 3,337,270     | 1,344.00              | 46,080       | 593.32                | 67,940      |
| Phillips    | 36.31                | 1,783,680     | 693.97                | 31,350       | 36.30                 | 4,160       |
| Pitkin      | 39.14                | 729,420       | 700.00                | 24,550       | 37.33                 | 3,210       |
| Prowers     | 80.95                | 3,642,950     | 3,855.62              | 148,860      | 508.32                | 35,250      |
| Pueblo      | 211.17               | 7,341,610     | 31,448.86             | 1,101,280    | 2,051.49              | 189,880     |
| Rio Blanco  | 7.80                 | 107,480       | 721.50                | 27,150       | -----                 | -----       |
| Rio Grande  | 52.51                | 1,370,660     | 1,876.00              | 64,490       | 49.86                 | 5,710       |
| Routt       | 90.94                | 2,637,500     | 1,785.25              | 61,020       | -----                 | -----       |
| Saguache    | 90.15                | 2,814,600     | 1,272.00              | 43,630       | 163.23                | 16,740      |
| San Juan    | 28.72                | 589,990       | 663.00                | 22,650       | 13.10                 | 1,500       |
| San Miguel  | 47.70                | 190,800       | 926.00                | 31,630       | 54.77                 | 6,270       |
| Sedgwick    | 31.48                | 1,442,660     | 1,409.00              | 59,230       | 353.91                | 28,260      |
| Summit      | 44.94                | 1,562,750     | 847.00                | 27,770       | 105.99                | 12,140      |
| Teller      | 39.55                | 654,330       | 3,412.00              | 116,550      | -----                 | -----       |
| Washington  | 40.44                | 1,999,380     | 954.61                | 37,590       | 422.94                | 46,960      |
| Weld        | 401.40               | 16,273,560    | 16,925.12             | 600,170      | 3,179.02              | 293,530     |
| Yuma        | 40.42                | 1,985,580     | 1,436.27              | 50,990       | 405.10                | 46,390      |
| State       | 4,960.52             | \$172,658,060 | 478,850.28            | \$16,686,810 | 27,394.26             | \$2,678,680 |

COMPARATIVE ASSESSED VALUATION AS REPORTED BY TAX COMMISSION,  
1923, 1924, 1925, 1928, 1929, 1930

| COUNTY      | 1923            | 1924            | 1925            | 1928            | 1929            | 1930            |
|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Adams       | \$ 32,493,982   | \$ 31,770,460   | \$ 31,771,520   | \$ 31,726,560   | \$ 32,229,890   | \$32,186,300    |
| Alamosa     | 9,234,277       | 9,260,459       | 9,346,936       | 10,000,259      | 9,997,212       | 10,095,070      |
| Arapahoe    | 20,847,165      | 21,301,925      | 21,175,010      | 22,368,965      | 23,152,000      | 23,956,229      |
| Archuleta   | 4,701,440       | 4,603,580       | 4,550,250       | 4,652,445       | 4,665,810       | 4,636,869       |
| Baca        | 10,465,012      | 9,710,749       | 10,004,707      | 12,883,680      | 13,389,800      | 14,318,800      |
| Bent        | 13,945,710      | 13,512,295      | 13,588,251      | 13,630,010      | 13,741,575      | 13,759,870      |
| Boulder     | 46,767,829      | 46,753,280      | 47,273,532      | 46,327,665      | 46,872,840      | 47,414,950      |
| Chaffee     | 10,566,990      | 10,590,445      | 10,489,660      | 9,488,820       | 9,610,955       | 9,858,980       |
| Cheyenne    | 19,873,728      | 18,303,302      | 16,937,730      | 15,569,747      | 13,784,464      | 13,853,688      |
| Clear Creek | 5,533,725       | 5,488,825       | 5,424,380       | 5,411,005       | 5,411,690       | 5,434,895       |
| Conejos     | 8,717,515       | 8,433,945       | 8,482,960       | 9,026,850       | 9,291,400       | 9,205,570       |
| Costilla    | 5,666,640       | 5,401,112       | 5,244,260       | 5,336,840       | 5,312,665       | 5,293,410       |
| Crowley     | 9,547,648       | 9,808,585       | 9,798,990       | 10,001,565      | 10,185,080      | 9,743,528       |
| Custer      | 3,111,965       | 3,096,800       | 3,114,268       | 3,203,625       | 3,065,645       | 3,075,435       |
| Delta       | 17,009,102      | 16,445,405      | 15,555,771      | 15,155,415      | 15,079,260      | 14,588,795      |
| Denver      | 388,170,010     | 405,106,910     | 416,604,690     | 447,803,880     | 453,835,330     | 459,992,853     |
| Dolores     | 1,745,228       | 1,560,447       | 1,630,444       | 1,888,425       | 1,825,115       | 2,066,877       |
| Douglas     | 11,564,430      | 11,217,455      | 10,738,479      | 11,376,565      | 11,474,840      | 11,837,705      |
| Eagle       | 6,551,254       | 6,385,168       | 6,522,163       | 6,921,631       | 7,176,615       | 8,058,056       |
| Elbert      | 18,798,004      | 18,259,814      | 17,998,235      | 17,384,469      | 17,708,317      | 16,478,763      |
| El Paso     | 70,056,730      | 70,661,250      | 70,999,530      | 73,306,745      | 75,393,330      | 75,322,405      |
| Fremont     | 21,578,161      | 21,470,829      | 21,496,997      | 23,589,277      | 23,383,340      | 22,871,813      |
| Garfield    | 17,472,170      | 16,770,960      | 16,760,790      | 17,436,520      | 18,036,195      | 18,212,475      |
| Gilpin      | 2,820,720       | 2,831,029       | 2,636,555       | 2,798,456       | 2,877,759       | 3,204,732       |
| Grand       | 4,675,450       | 4,539,060       | 4,683,230       | 5,580,350       | 5,813,895       | 6,888,680       |
| Gunnison    | 16,005,045      | 15,855,290      | 15,633,235      | 15,830,005      | 15,956,050      | 15,659,495      |
| Hinsdale    | 932,479         | 926,077         | 940,990         | 954,760         | 982,553         | 1,178,983       |
| Huerfano    | 15,905,870      | 16,141,453      | 15,960,350      | 17,163,169      | 16,605,932      | 16,069,091      |
| Jackson     | 4,238,020       | 3,846,730       | 3,677,870       | 3,558,540       | 3,855,680       | 3,670,740       |
| Jefferson   | 24,158,345      | 24,692,740      | 25,711,450      | 26,817,590      | 27,775,520      | 28,644,700      |
| Kiowa       | 14,401,847      | 14,161,089      | 14,353,803      | 13,480,566      | 13,187,310      | 13,004,770      |
| Kit Carson  | 28,394,501      | 26,110,941      | 26,076,536      | 23,983,077      | 21,295,855      | 21,154,833      |
| Lake        | 8,087,200       | 7,744,325       | 7,706,810       | 8,052,930       | 7,610,450       | 7,487,005       |
| La Plata    | 15,076,393      | 15,084,263      | 15,264,755      | 15,507,430      | 15,520,611      | 15,351,155      |
| Larimer     | 52,039,029      | 53,362,355      | 55,278,060      | 55,590,465      | 53,346,290      | 52,357,595      |
| Las Animas  | 43,448,220      | 42,939,525      | 42,308,393      | 40,824,097      | 41,622,162      | 41,974,002      |
| Lincoln     | 23,578,278      | 23,143,320      | 22,623,650      | 20,503,125      | 20,406,035      | 18,353,217      |
| Logan       | 40,242,370      | 38,102,560      | 36,891,095      | 36,645,210      | 36,916,775      | 36,555,861      |
| Mesa        | 29,623,271      | 29,447,230      | 29,712,195      | 29,557,440      | 30,225,510      | 30,755,510      |
| Mineral     | 1,367,135       | 1,474,705       | 1,486,650       | 1,540,735       | 1,566,140       | 1,667,299       |
| Moffat      | 6,181,385       | 6,128,905       | 6,572,136       | 7,305,434       | 7,374,850       | 7,261,564       |
| Montezuma   | 6,310,885       | 6,120,240       | 6,296,535       | 6,542,315       | 6,564,155       | 6,241,295       |
| Montrose    | 14,360,760      | 12,976,810      | 12,464,845      | 12,030,880      | 12,204,332      | 12,050,922      |
| Morgan      | 28,918,038      | 28,626,940      | 28,299,506      | 28,896,120      | 28,881,820      | 27,718,762      |
| Otero       | 33,702,793      | 33,694,130      | 34,495,560      | 31,826,660      | 32,013,510      | 32,118,810      |
| Ouray       | 4,535,849       | 4,128,887       | 4,020,672       | 4,034,268       | 4,084,281       | 4,092,453       |
| Park        | 8,834,705       | 8,481,555       | 8,510,030       | 8,923,880       | 8,895,205       | 8,696,650       |
| Phillips    | 17,286,495      | 15,910,370      | 14,914,375      | 15,265,225      | 15,435,890      | 15,414,635      |
| Pitkin      | 4,624,100       | 4,560,290       | 4,448,460       | 4,066,476       | 3,915,120       | 3,816,490       |
| Prowers     | 23,156,260      | 22,862,215      | 21,770,175      | 21,173,010      | 21,831,630      | 21,564,010      |
| Pueblo      | 72,717,353      | 73,445,919      | 74,263,765      | 79,996,935      | 81,257,860      | 83,025,130      |
| Rio Blanco  | 5,147,870       | 4,914,165       | 5,291,040       | 6,124,945       | 6,074,325       | 5,796,095       |
| Rio Grande  | 11,489,000      | 10,701,820      | 10,483,371      | 10,983,818      | 10,931,025      | 11,137,246      |
| Routt       | 14,917,450      | 14,446,455      | 14,605,133      | 15,240,510      | 15,907,960      | 16,802,930      |
| Saguache    | 11,332,725      | 11,278,995      | 11,151,184      | 11,447,000      | 11,435,834      | 10,583,464      |
| San Juan    | 3,259,985       | 3,297,850       | 3,613,684       | 3,375,653       | 3,440,058       | 3,796,463       |
| San Miguel  | 7,704,430       | 7,129,420       | 6,742,990       | 6,015,900       | 5,447,270       | 4,635,150       |
| Sedgwick    | 11,154,155      | 10,372,865      | 9,985,115       | 13,224,080      | 13,273,730      | 12,970,680      |
| Summit      | 5,240,071       | 4,522,946       | 4,501,909       | 4,544,918       | 4,616,006       | 4,481,396       |
| Teller      | 6,936,490       | 6,860,590       | 7,004,030       | 5,336,070       | 5,674,560       | 5,038,070       |
| Washington  | 27,231,295      | 25,859,305      | 23,503,472      | 19,116,665      | 17,244,308      | 15,921,474      |
| Weld        | 113,713,440     | 110,485,890     | 106,102,390     | 104,345,960     | 105,179,350     | 102,130,907     |
| Yuma        | 25,421,180      | 24,973,470      | 25,236,990      | 24,864,750      | 25,058,795      | 24,797,360      |
| State       | \$1,543,589,602 | \$1,538,096,720 | \$1,540,732,437 | \$1,577,560,380 | \$1,586,919,769 | \$1,586,462,903 |



**DETAILED ASSESSMENT FOR ALL COLORADO PROPERTY, 1912-1930, INCLUSIVE, BY CLASSES OF PROPERTY**  
(Assessments by County Assessors, Exclusive of Agricultural Land and Improvements)

| Year  | Non-Ag.<br>Land and<br>Imp. | Mineral<br>Land and<br>Imp. | Town Lots<br>and Improve-<br>ments | Livestock,<br>Poultry<br>and Bees | Bicycles,<br>Motorcycles,<br>Automobiles,<br>Planes | Bank<br>Deposits | Ag. Imp.,<br>Tractors,<br>Harness | Amount<br>Invested<br>in Mdse. | Capital in<br>Manufac-<br>turing | All Other<br>Property | Total Net<br>Assessment<br>by<br>Assessors |
|---|-----------------------------|-----------------------------|------------------------------------|-----------------------------------|---|------------------|-----------------------------------|--------------------------------|----------------------------------|-----------------------|--|
| 1912  | \$2,630,957                 | \$25,957,136                | \$168,979,728                      | \$18,004,084                      | \$2,051,141   | \$698,690        | \$468,314                         | \$16,691,083                   | \$3,507,675                      | \$48,854,820          | \$361,423,891                              |
| 1913  | 5,946,033                   | 62,154,447                  | 366,684,421                        | 52,677,676                        | 4,364,644   | 2,068,865        | 3,143,115                         | 39,039,675                     | 10,769,114                       | 75,339,545            | 859,743,039                                |
| 1914  | 5,472,154                   | 60,879,869                  | 375,237,261                        | 61,455,511                        | 5,855,126   | 12,601,812       | 6,609,377                         | 39,336,101                     | 8,185,690                        | 78,136,176            | 912,486,185                                |
| 1915  | 5,053,479                   | 56,129,297                  | 374,735,282                        | 72,682,153                        | 7,978,314   | 11,130,408       | 7,433,882                         | 40,666,917                     | 12,048,092                       | 78,055,300            | 936,284,863                                |
| 1916  | 5,451,655                   | 60,011,642                  | 378,961,582                        | 81,548,335                        | 11,399,299  | 13,677,436       | 7,555,531                         | 41,655,204                     | 19,413,290                       | 79,092,969            | 967,109,979                                |
| 1917  | 7,274,740                   | 60,241,450                  | 379,415,144                        | 93,174,264                        | 17,549,202  | 18,305,192       | 9,872,963                         | 55,139,990                     | 25,214,748                       | 92,171,403            | *1,057,718,759                             |
| 1918  | 7,466,631                   | 59,279,676                  | 381,243,444                        | 114,622,555                       | 26,831,349  | 20,993,169       | 9,872,712                         | 79,846,131                     | 29,341,520                       | 109,123,510           | 1,176,455,535                              |
| 1919  | 7,760,066                   | 55,506,510                  | 385,779,834                        | 114,571,936                       | 32,291,605  | 16,845,540       | 12,189,286                        | 92,462,521                     | 31,936,595                       | 121,292,271           | 1,263,436,529                              |
| 1920  | 8,650,543                   | 52,417,510                  | 407,973,988                        | 102,802,539                       | 46,479,662  | 19,341,727       | 14,379,817                        | 92,129,113                     | 39,428,674                       | 129,308,176           | 1,362,813,477                              |
| 1921  | 8,776,117                   | 51,040,344                  | 418,796,292                        | 68,921,432                        | 51,112,260  | 8,217,902        | 14,077,186                        | 87,361,814                     | 41,037,125                       | 95,580,457            | 1,351,837,539                              |
| 1922  | 8,517,485                   | 48,708,999                  | 429,160,986                        | 62,821,752                        | 43,887,596  | 7,426,325        | 12,402,950                        | 79,842,423                     | 38,705,447                       | 95,135,555            | 1,322,400,909                              |
| 1923  | 8,258,774                   | 50,426,361                  | 446,281,329                        | 55,741,929                        | 41,108,338  | 5,963,278        | 10,570,140                        | 79,756,623                     | 37,350,254                       | 95,777,522            | 1,315,623,123                              |
| 1924  | 7,515,499                   | 49,337,483                  | 462,432,766                        | 48,859,346                        | 43,361,435  | 8,560,386        | 9,880,861                         | 80,238,703                     | 39,702,880                       | 91,015,179            | 1,312,730,329                              |
| 1925  | 7,361,755                   | 50,239,825                  | 578,594,338                        | 47,022,156                        | 47,330,833  | 7,399,164        | 9,955,955                         | 81,055,785                     | 38,336,462                       | 89,246,313            | 1,313,345,047                              |
| 1926  | 7,013,614                   | 49,242,857                  | 503,718,773                        | 46,406,718                        | 46,035,357  | 9,262,190        | 10,190,859                        | 76,264,162                     | 36,716,344                       | 82,902,047            | 1,320,890,766                              |
| 1927  | 6,538,305                   | 48,629,688                  | 513,552,845                        | 49,337,956                        | 48,085,926  | 8,138,408        | 10,193,952                        | 76,648,132                     | 37,919,838                       | 84,385,349            | 1,332,474,176                              |
| 1928  | 6,220,581                   | 47,313,344                  | 526,006,389                        | 57,129,404                        | 47,576,260  | 14,281,445       | 10,467,523                        | 77,131,541                     | 37,390,163                       | 83,413,727            | 1,334,532,680                              |
| 1929  | 6,262,518                   | 43,956,226                  | 529,374,806                        | 62,350,551                        | 53,685,246  | 15,277,173       | 10,646,398                        | 73,714,596                     | 12,464,438                       | 145,258,142           | 1,346,068,169                              |
| 1930  | 5,949,437                   | 42,988,351                  | 532,111,032                        | 55,726,631                        | 50,642,770  | 18,049,516       | 11,341,646                        | 74,751,964                     | 13,495,823                       | 162,782,441           | 1,333,377,923                              |
| Per Cent of<br>increase or<br>decrease,<br>1913 to 1930-- | I. 0.06                     | D. 30.84                    | I. 45.11                           | I. 5.79                           | I. 1,060.30   | I. 772.44        | I. 260.84                         | I. 91.48                       | I. 25.32                         | I. 116.07             | I. 55.09                                   |

\*Includes \$1,219,265 increase ordered by Tax Commission.

Note—Assessment prior to 1913 was on the basis of one-third of actual value. Commencing with 1913 a full cash value basis was used.

**ACRES, VALUE PER ACRE AND TOTAL VALUE OF AGRICULTURAL LANDS AS RETURNED FOR ASSESSMENT IN COLORADO, 1912-1930, INCLUSIVE**

| YEAR  | Fruit Land |             |               | Irrigated Land |               |               | Natural Hay Land |             |               | Dry Farming Land |               |               | Grazing Land |              |               | Total, Including Grazing Land |               |
|---|------------|-------------|---------------|----------------|---------------|---------------|------------------|-------------|---------------|------------------|---------------|---------------|--------------|--------------|---------------|-------------------------------|---------------|
|   | Acres      | Value       | Val. per Acre | Acres          | Value         | Val. Per Acre | Acres            | Value       | Val. per Acre | Acres            | Value         | Val. per Acre | Acres        | Value        | Val. per Acre | Acres                         | Value         |
| 1912-----   | 211,042    | \$4,988,882 | \$ 23.64      | 1,813,168      | \$ 32,355,224 | \$17.83       | 189,199          | \$2,608,029 | \$13.78       | 2,494,986        | \$ 10,147,170 | \$ 4.06       | 13,354,970   | \$21,121,667 | \$1.58        | 18,063,365                    | \$ 71,220,962 |
| 1912-----   | 23,836     | 6,774,119   | 284.19        | 2,248,274      | 123,778,342   | 55.05         | 115,605          | 2,668,460   | 23.08         | 3,353,081        | 27,300,436    | 8.14          | 13,876,229   | 53,764,276   | 8.87          | 19,617,025                    | 214,285,633   |
| 1914-----   | 23,500     | 5,899,394   | 251.03        | 2,236,000      | 138,998,406   | 62.12         | 190,865          | 4,539,906   | 23.78         | 3,277,919        | 29,210,497    | 8.91          | 15,381,078   | 67,932,182   | 4.41          | 21,109,362                    | 246,480,385   |
| 1915-----   | 28,813     | 5,906,723   | 209.36        | 2,154,168      | 143,427,442   | 66.58         | 214,242          | 5,501,912   | 25.67         | 3,602,656        | 33,009,038    | 9.16          | 16,284,222   | 75,928,115   | 4.66          | 22,284,101                    | 263,773,260   |
| 1916-----   | 28,473     | 5,429,620   | 190.69        | 2,173,335      | 142,635,050   | 65.10         | 211,447          | 5,472,966   | 25.88         | 3,644,019        | 34,935,150    | 9.58          | 17,110,263   | 79,809,582   | 4.66          | 23,167,537                    | 268,282,668   |
| 1917-----   | 29,076     | 5,467,705   | 188.06        | 2,114,917      | 146,739,916   | 69.38         | 247,467          | 6,509,093   | 26.30         | 8,266,507        | 78,679,563    | 9.52          | 13,090,752   | 65,659,940   | 5.01          | 23,748,719                    | 302,956,217   |
| 1918-----   | 29,394     | 4,935,880   | 167.92        | 2,144,617      | 162,720,726   | 71.21         | 242,626          | 6,570,620   | 27.08         | 8,583,999        | 107,116,897   | 12.48         | 14,129,307   | 78,018,806   | 6.52          | 25,129,948                    | 349,361,929   |
| 1919-----   | 31,247     | 5,283,366   | 169.08        | 2,246,476      | 170,817,162   | 76.04         | 220,739          | 6,522,935   | 29.55         | 10,002,192       | 145,972,248   | 14.59         | 14,132,159   | 75,408,676   | 5.34          | 26,632,813                    | 404,004,386   |
| 1920-----   | 32,148     | 5,415,980   | 168.47        | 2,308,415      | 192,800,890   | 83.52         | 228,330          | 6,679,787   | 29.25         | 10,339,797       | 167,137,261   | 16.16         | 15,071,165   | 88,405,110   | 5.87          | 27,979,855                    | 460,438,978   |
| 1921-----   | 32,084     | 6,254,095   | 163.76        | 2,292,701      | 191,430,830   | 83.46         | 263,396          | 7,344,393   | 27.88         | 11,161,376       | 178,472,662   | 15.91         | 15,693,783   | 88,803,927   | 6.66          | 29,343,840                    | 470,805,897   |
| 1922-----   | 29,859     | 5,033,990   | 168.59        | 2,263,964      | 187,374,129   | 82.76         | 267,928          | 7,662,085   | 28.60         | 11,037,563       | 168,490,955   | 16.26         | 16,981,618   | 91,802,094   | 5.41          | 30,580,922                    | 460,363,253   |
| 1923-----   | 30,229     | 4,937,037   | 163.32        | 2,287,653      | 182,531,436   | 79.79         | 272,021          | 7,714,385   | 28.36         | 11,119,294       | 161,831,776   | 14.55         | 18,059,178   | 92,620,568   | 6.13          | 31,768,376                    | 449,635,202   |
| 1924-----   | 31,378     | 4,781,405   | 152.38        | 2,253,965      | 179,336,632   | 79.56         | 260,658          | 7,539,690   | 28.92         | 11,054,786       | 151,314,043   | 13.68         | 19,032,970   | 90,409,339   | 4.75          | 32,633,747                    | 433,381,009   |
| 1926-----   | 30,352     | 4,480,357   | 147.61        | 2,283,110      | 173,219,787   | 75.87         | 261,525          | 7,631,229   | 29.18         | 11,640,466       | 150,057,870   | 12.89         | 19,552,156   | 82,460,126   | 4.22          | 33,767,609                    | 417,849,369   |
| 1926-----   | 24,783     | 3,671,270   | 148.14        | 2,224,443      | 171,002,084   | 76.87         | 347,446          | 8,908,931   | 25.64         | 11,473,210       | 147,264,503   | 12.84         | 20,317,793   | 82,573,584   | 4.06          | 34,887,675                    | 413,420,372   |
| 1927-----   | 20,045     | 3,287,155   | 163.99        | 2,249,196      | 169,851,231   | 75.51         | 328,920          | 8,694,150   | 26.43         | 11,559,097       | 143,889,054   | 12.45         | 20,724,215   | 81,136,763   | 3.92          | 34,881,473                    | 406,857,858   |
| 1928-----   | 20,515     | 3,230,062   | 157.46        | 2,239,622      | 165,644,975   | 73.96         | 330,990          | 8,628,409   | 26.07         | 11,392,036       | 137,717,686   | 12.09         | 21,179,940   | 77,735,048   | 3.67          | 35,163,103                    | 392,956,080   |
| 1929-----   | 20,771     | 3,177,745   | 152.99        | 2,192,666      | 166,980,644*  | 72.52         | 347,852          | 8,584,723   | 24.68         | 11,385,796       | 129,514,067   | 11.38         | 20,800,067   | 75,654,485   | 3.63          | 34,747,152                    | 383,811,664   |
| 1930-----   | 20,214     | 3,212,563   | 158.93        | 2,163,794      | 153,447,779   | 70.92         | 355,192          | 8,504,900   | 23.95         | 11,516,523       | 124,829,179   | 10.84         | 20,836,558   | 72,614,305   | 8.48          | 34,892,281                    | 362,608,726   |
| Per cent of increase or decrease,<br>1913-1930----- | D. 15.20   | D. 52.58    | D. 44.23      | D. 3.76        | 1. 23.97      | I.28.83       | 1,207.25         | 1,218.72    | I. 3.77       | I. 243.46        | I. 357.24     | I 33.17       | 1. 50.16     | I. 34.87     | D.<br>10.08   | 1. 77.87                      | 1. 69.17      |

\*Includes waste and seep lands, suburban and mountain home sites.  
1912 was the last year in which assessments were on the basis of one-third of actual cash value, and that year's figures are shown only for the purpose of information. In 1913 Colorado first attempted assessment at full cash value, and figures for that year are comparable with figures for subsequent years.





ASSESSMENTS OF PUBLIC UTILITIES BY COLORADO TAX COMMISSION, 1912 TO 1930

| Year   | RAILROADS |               |               | TELEPHONE LINES |              |               | TELEGRAPH LINES |            |               | Total by Tax Commission | Total Assessment Including County Assessors' |                |
|--|-----------|---------------|---------------|-----------------|--------------|---------------|-----------------|------------|---------------|-------------------------|--|----------------|
|  | Miles     | Value         | Val. Per Mile | Miles           | Value        | Val. Per Mile | Miles           | Value      | Val. Per Mile |                         |  |                |
|  |           |               |               |                 |              |               |                 |            |               |                         |  |                |
| 1912-----  | 5,364     | \$ 54,567,795 | \$10.172      | 214,878         | \$ 3,872,576 | \$18.02       | 29,090          | \$ 906,110 | \$31.15       | \$ 1,655,128            | \$ 61,011,609                                | \$ 422,440,500 |
| 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                                  | 1,119,985,034  |
| 1914-----  | 5,814     | 179,460,890   | 30,867        | 253,524         | 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     | 173,499,550   | 30,959        | 255,407         | 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          | 1,607,850  | 57.41         | 59,190,084              | 242,451,164                                  | 1,209,561,143  |
| 1917-----  | 5,587     | 169,795,900   | 30,391        | 278,072         | 12,890,130   | 46.35         | 28,055          | 2,050,320  | 73.08         | 62,880,300              | 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              | 231,777,130                                  | 1,495,213,659  |
| 1920-----  | 5,406     | 161,577,790   | 29,907        | 520,351         | 12,976,670   | 24.94         | 25,456          | 2,390,850  | 93.92         | 50,408,880              | 227,454,190                                  | 1,590,267,667  |
| 1921-----  | 5,327     | 160,314,680   | 30,091        | 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          | 2,366,820  | 89.03         | 49,919,450              | 226,126,970                                  | 1,548,617,879  |
| 1923-----  | 5,087     | 160,693,730   | 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-----  | 5,036     | 158,898,470   | 31,552        | 469,564         | 14,146,180   | 30.12         | 28,283          | 2,634,790  | 93.16         | 50,259,840              | 225,939,280                                  | 1,546,830,046  |
| 1927-----  | 4,826     | 164,118,640   | 34,007        | 493,100         | 14,313,420   | 29.03         | 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         | 14,499,940   | 29.56         | 27,852          | 2,639,930  | 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          | 2,668,390  | 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  |
| Per cent of increase or decrease, 1913 to 1930---- |           |               |               |                 |              |               |                 |            |               |                         |  |                |
|  | D.12.27   | D. 1.21       | I.12.61       | I. 93.64        | I. 53.90     | D.20.52       | D3.04           | I. 77.74   | I. 83.32      | D. 16.49                | D. 2.75                                      | I. 41.65       |

Note--Assessment prior to 1913 was on the basis of one-third of actual value. Commencing with 1913 a full cash value basis was used.

## COMPARISON OF INCREASES OR DECREASES IN ASSESSMENTS, 1913 TO 1930

| Classes of Property                      | Acres or Miles<br>Per Cent |          | Total Value<br>Per Cent |          | Av. Value per Acre<br>or per Mile<br>Per Cent |          |
|--|----------------------------|----------|-------------------------|----------|---|----------|
|  | Increase                   | Decrease | Increase                | Decrease | Increase                                      | Decrease |
| <b>Assessments by Assessors</b>          |                            |          |                         |          |   |          |
| Fruit Land.....                          | .....                      | 15.20    | .....                   | 52.58    | .....   | 44.23    |
| Irrigated Land.....                      | .....                      | 3.76     | 23.97                   | .....    | 28.83   | .....    |
| Natural Hay Land.....                    | 207.25                     | .....    | 218.72                  | .....    | 3.77  | .....    |
| Dry Farming Land.....                    | 243.46                     | .....    | 357.24                  | .....    | 33.17   | .....    |
| Grazing Land.....                        | 50.16                      | .....    | 34.87                   | .....    | .....   | 10.08    |
| Total Lands.....                         | 77.87                      | .....    | 69.17                   | .....    | .....   | 4.85     |
| Non-Ag. Land and Improve-<br>ments ..... | .....                      | .....    | 0.06                    | .....    | .....   | .....    |
| Mineral Land and Improve-<br>ments ..... | .....                      | .....    | .....                   | 30.84    | .....   | .....    |
| Town Lots and Improvements .....         | .....                      | .....    | 45.11                   | .....    | .....   | .....    |
| Livestock, Poultry and Bees .....        | .....                      | .....    | 5.79                    | .....    | .....   | .....    |
| All Motor Vehicles.....                  | .....                      | .....    | 1060.30                 | .....    | .....   | .....    |
| Bank Deposits.....                       | .....                      | .....    | 772.44                  | .....    | .....   | .....    |
| Agricultural Implements....              | .....                      | .....    | 260.84                  | .....    | .....   | .....    |
| Money in Merchandise.....                | .....                      | .....    | 91.48                   | .....    | .....   | .....    |
| Capital in Manufacturing....             | .....                      | .....    | 25.32                   | .....    | .....   | .....    |
| All Other Property.....                  | .....                      | .....    | 116.07                  | .....    | .....   | .....    |
| Total by Assessors.....                  | .....                      | .....    | 55.09                   | .....    | .....   | .....    |
| <b>Assessments by Tax<br/>Commission</b> |                            |          |                         |          |   |          |
| Railroads .....                          | .....                      | 12.44    | .....                   | 1.21     | 12.82   | .....    |
| Telephone Lines.....                     | 93.64                      | .....    | 53.90                   | .....    | .....   | 20.52    |
| Telegraph Lines.....                     | .....                      | 3.04     | 77.74                   | .....    | 83.31   | .....    |
| All Other Property.....                  | .....                      | .....    | .....                   | 16.22    | .....   | .....    |
| Total by Tax Commission....              | .....                      | .....    | .....                   | 2.75     | .....   | .....    |
| Total Assessment for State..             | .....                      | .....    | 41.65                   | .....    | .....   | .....    |

## DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1930, INCLUSIVE

|            | General State  |            | State University |            | Agricultural Coll. |           | School of Mines |           |
|------------|----------------|------------|------------------|------------|--------------------|-----------|-----------------|-----------|
|            | Levy,<br>Mills | Revenue    | Levy,<br>Mills   | Revenue    | Levy,<br>Mills     | Revenue   | Levy,<br>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         | 89,060    |
| 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         | 204,810   |
| 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 ----- | 1.02672        | 1,629,240  | 0.61989          | 983,666    | 0.38132            | 605,094   | 0.17534         | 278,236   |
| 1930 ----- | 1.04172        | 1,652,650  | 0.61989          | 983,433    | 0.38132            | 604,950   | 0.17534         | 278,170   |

Note.—General State includes ordinary governmental costs and the cost of maintenance and operation of the capital 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. All building levies for the educational institutions are included with maintenance and operation levies, but some of them have special funds not included in the ordinary state levy and hence not included here.

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1930,  
INCLUSIVE—Continued

|            | Teachers College |           | Western State Coll. |           | Insane Hospital |           | Mute & Blind School |           |
|------------|------------------|-----------|---------------------|-----------|-----------------|-----------|---------------------|-----------|
|            | Levy,<br>Mills   | Revenue   | Levy,<br>Mills      | Revenue   | Levy,<br>Mills  | Revenue   | Levy,<br>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 ----- | 0.27702          | 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             | 158,460   | 0.26822         | 423,133   | 0.14022             | 221,206   |
| 1929 ----- | 0.26042          | 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   |

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1930,  
INCLUSIVE—Continued

|            | Bonds and Interest |            | Highways       |            | Miscellaneous  |           | State Totals  |                  |
|------------|--------------------|------------|----------------|------------|----------------|-----------|---------------|------------------|
|            | Levy,<br>Mills     | Revenue    | Levy,<br>Mills | Revenue    | Levy,<br>Mills | Revenue   | Total<br>Levy | Total<br>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         | \$ 624,600 | 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        | 5,616,118        |
| 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        |

Note.—The Miscellaneous column contains levies for stock inspection, war and other military uses, the state fair, blind benefit and other occasional items.



## 1930 COUNTY TAX LEVIES, IN MILLS, FOR ALL COUNTY PURPOSES; TAX COLLECTED IN 1931

| COUNTY      | General School | Roads and Bridges | Ordinary County, Including Poor and Contingent | Mothers' Compensation and Blind Benefits | County Fair and Advertising | Bonds, Interest and Registered Warrants | Building | Total |
|-------------|----------------|-------------------|--|--|-----------------------------|---|----------|-------|
| Adams       | 3.93           | 3.00              | 3.09   | .10                                      | .10                         | ---                                     | ---      | 10.22 |
| Alamosa     | 4.88           | ---               | 4.50   | .10                                      | .17                         | .73                                     | .32      | 10.70 |
| Arapahoe    | 5.00           | 2.40              | 2.90   | .12                                      | ---                         | ---                                     | .25      | 10.67 |
| Archuleta   | 4.00           | 2.25              | 5.20   | .10                                      | ---                         | ---                                     | ---      | 11.55 |
| Baca        | 5.00           | 2.25              | 3.91   | ---                                      | .25                         | ---                                     | 1.00     | 12.41 |
| Bent        | 4.52           | 3.00              | 3.45   | .10                                      | .20                         | ---                                     | 1.05     | 12.32 |
| Boulder     | 4.00           | 2.71              | 3.36   | .12                                      | .12                         | ---                                     | ---      | 10.31 |
| Chaffee     | 4.20           | 1.00              | 7.00   | ---                                      | ---                         | 2.30                                    | 1.00     | 15.50 |
| Cheyenne    | 2.34           | ---               | 2.65   | ---                                      | ---                         | ---                                     | ---      | 4.99  |
| Clear Creek | 3.10           | 3.10              | 7.20   | .10                                      | ---                         | ---                                     | ---      | 13.50 |
| Conejos     | 5.00           | 1.00              | 8.14   | .11                                      | .10                         | .65                                     | ---      | 15.00 |
| Costilla    | 5.00           | 1.50              | 9.00   | ---                                      | ---                         | 3.50                                    | ---      | 19.00 |
| Crowley     | 4.35           | 1.25              | 2.20   | .10                                      | .10                         | ---                                     | ---      | 8.00  |
| Custer      | 5.00           | 3.00              | 7.00   | ---                                      | ---                         | ---                                     | ---      | 15.00 |
| Delta       | 5.00           | 6.87              | 5.40   | .17                                      | .20                         | .20                                     | ---      | 17.84 |
| Denver      | 2.14           | .25               | 4.39   | .13                                      | ---                         | ---                                     | ---      | 6.91  |
| Dolores     | 5.00           | 4.90              | 9.50   | ---                                      | .50                         | 4.50                                    | ---      | 24.40 |
| Douglas     | 3.08           | 2.75              | 3.35   | ---                                      | ---                         | ---                                     | ---      | 9.18  |
| Eagle       | 4.00           | 5.00              | 5.00   | .10                                      | ---                         | ---                                     | 1.50     | 15.60 |
| Elbert      | 4.00           | 3.00              | 1.94   | .12                                      | ---                         | ---                                     | ---      | 9.06  |
| El Paso     | 3.43           | 1.25              | 3.25   | .13                                      | .13                         | ---                                     | ---      | 8.19  |
| Fremont     | 4.90           | 2.66              | 2.89   | .12                                      | .15                         | ---                                     | 1.00     | 11.72 |
| Garfield    | 4.75           | 4.75              | 4.13   | .12                                      | .50                         | 1.00                                    | .50      | 15.75 |
| Gilpin      | 4.00           | 3.50              | 8.50   | ---                                      | ---                         | 1.00                                    | ---      | 17.00 |
| Grand       | 2.20           | 2.19              | 4.44   | .30                                      | .25                         | .26                                     | .51      | 10.15 |
| Gunnison    | 2.21           | 3.40              | 3.77   | .08                                      | .10                         | 1.40                                    | ---      | 10.96 |
| Hinsdale    | 5.00           | 2.00              | 9.00   | ---                                      | ---                         | 8.00                                    | ---      | 24.00 |
| Huerfano    | 5.00           | 3.00              | 6.30   | ---                                      | ---                         | 2.00                                    | ---      | 16.30 |
| Jackson     | 2.20           | 1.00              | 3.00   | ---                                      | ---                         | .40                                     | ---      | 6.60  |
| Jefferson   | 4.30           | 3.37              | 3.74   | ---                                      | ---                         | ---                                     | ---      | 11.41 |
| Kiowa       | 2.63           | ---               | 1.06   | ---                                      | .35                         | ---                                     | ---      | 4.04  |
| Kit Carson  | 4.60           | 2.57              | 3.20   | .07                                      | .20                         | ---                                     | .05      | 10.69 |
| Lake        | 4.00           | 2.98              | 8.10   | .33                                      | .20                         | ---                                     | ---      | 15.61 |
| La Plata    | 5.00           | 4.75              | 3.72   | .10                                      | .20                         | .62                                     | ---      | 14.39 |
| Larimer     | 3.98           | 3.40              | 3.16   | .16                                      | .04                         | 1.63                                    | ---      | 12.37 |
| Las Animas  | 5.00           | 3.00              | 4.17   | .02                                      | .11                         | ---                                     | ---      | 12.30 |
| Lincoln     | 4.74           | 2.50              | 2.71   | ---                                      | .17                         | .24                                     | .05      | 10.41 |
| Logan       | 4.34           | 2.20              | 3.09   | .12                                      | .40                         | .51                                     | ---      | 10.66 |
| Mesa        | 5.00           | 3.10              | 3.50   | .12                                      | ---                         | .28                                     | ---      | 12.00 |
| Mineral     | 3.00           | 2.00              | 6.50   | .17                                      | ---                         | ---                                     | ---      | 11.67 |
| Moffat      | 5.00           | 4.00              | 7.94   | ---                                      | .51                         | .80                                     | ---      | 18.25 |
| Montezuma   | 5.00           | 5.00              | 5.81   | .05                                      | .27                         | 1.50                                    | 1.00     | 18.63 |
| Montrose    | 5.00           | 3.15              | 4.86   | .10                                      | .28                         | 3.32                                    | .38      | 17.09 |
| Morgan      | 4.44           | 2.47              | 3.69   | .13                                      | .10                         | ---                                     | .58      | 11.41 |
| Otero       | 4.27           | 2.00              | 2.80   | .10                                      | .05                         | ---                                     | ---      | 9.22  |
| Ouray       | 4.00           | 3.00              | 5.00   | ---                                      | ---                         | 5.30                                    | .30      | 17.60 |
| Park        | 3.00           | ---               | 4.70   | .10                                      | ---                         | ---                                     | ---      | 7.80  |
| Phillips    | 3.39           | 1.50              | 2.65   | .08                                      | .20                         | .24                                     | .25      | 8.31  |
| Pitkin      | 4.00           | 1.00              | 7.88   | .12                                      | ---                         | 7.00                                    | ---      | 20.00 |
| Prowers     | 4.90           | 2.75              | 4.15   | .03                                      | .07                         | ---                                     | .02      | 11.92 |
| Pueblo      | 4.49           | 1.27              | 3.00   | .19                                      | ---                         | ---                                     | ---      | 8.95  |
| Rio Blanco  | 4.90           | 2.50              | 5.00   | ---                                      | .50                         | ---                                     | 1.16     | 14.06 |
| Rio Grande  | 2.25           | 2.25              | 5.50   | ---                                      | ---                         | ---                                     | ---      | 10.00 |
| Routt       | 4.50           | 2.50              | 3.80   | ---                                      | .15                         | 1.50                                    | ---      | 12.45 |
| Saguache    | 3.00           | 3.00              | 4.40   | ---                                      | ---                         | ---                                     | ---      | 10.40 |
| San Juan    | 3.25           | 3.33              | 7.55   | .12                                      | ---                         | 1.90                                    | ---      | 16.15 |
| San Miguel  | 5.00           | 4.00              | 8.41   | ---                                      | ---                         | 1.00                                    | ---      | 18.41 |
| Sedgwick    | 3.80           | 3.00              | 2.44   | .05                                      | .56                         | ---                                     | ---      | 9.85  |
| Summit      | 3.00           | 3.00              | 7.00   | 3.75                                     | ---                         | ---                                     | ---      | 16.75 |
| Teller      | 5.00           | ---               | 8.00   | .10                                      | ---                         | 5.00                                    | ---      | 18.10 |
| Washington  | 5.00           | 3.25              | 4.03   | .13                                      | ---                         | ---                                     | ---      | 12.41 |
| Weld        | 4.13           | 3.00              | 3.46   | .02                                      | ---                         | ---                                     | ---      | 10.61 |
| Yuma        | 5.00           | 2.00              | 2.25   | .10                                      | .15                         | ---                                     | ---      | 9.50  |
| State Av.   | 3.64           | 1.87              | 3.94   | .10                                      | .08                         | .28                                     | .07      | 9.98  |

**COUNTY MILL LEVIES, EXCLUSIVE OF GENERAL AND SPECIAL SCHOOL LEVIES**

|                    | 1913            | 1918            | 1919            | 1920            | 1921            | 1922            | 1923            | 1924            | 1925            | 1926            | 1927            | 1928            | 1929            | 1930            |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Adams-----         | 4.00            | 6.00            | 8.00            | 9.50            | 7.82            | 6.32            | 5.67            | 5.60            | 6.05            | 5.88            | 6.29            | 6.36            | 6.28            | 6.29            |
| Alamosa-----       | 10.11           | 6.25            | 7.90            | 7.45            | 5.75            | 5.72            | 6.22            | 6.22            | 6.31            | 6.30            | 6.18            | 5.70            | 5.72            | 5.82            |
| Arapahoe-----      | 5.80            | 4.00            | 4.50            | 4.50            | 4.50            | 5.82            | 4.97            | 4.82            | 5.59            | 6.57            | 6.42            | 6.12            | 5.67            | 5.67            |
| Archuleta-----     | 11.50           | 11.15           | 11.75           | 11.50           | 7.10            | 8.10            | 8.65            | 8.65            | 9.04            | 7.45            | 3.55            | 10.65           | 8.55            | 7.55            |
| Baca-----          | 7.50            | 6.40            | 9.53            | 7.25            | 6.75            | 6.42            | 5.40            | 4.50            | 6.30            | 6.33            | 6.16            | 7.44            | 7.34            | 7.41            |
| Bent-----          | 7.61            | 7.22            | 9.05            | 6.575           | 7.65            | 5.07            | 5.283           | 4.75            | 5.32            | 6.17            | 6.48            | 6.42            | 7.39            | 7.80            |
| Boulder-----       | 5.00            | 6.23            | 7.23            | 7.23            | 6.375           | 6.175           | 5.375           | 6.375           | 5.925           | 5.775           | 6.21            | 6.34            | 7.24            | 6.31            |
| Chaffee-----       | 6.10            | 7.00            | 8.50            | 8.50            | 7.90            | 8.65            | 7.70            | 8.55            | 8.75            | 8.75            | 7.55            | 7.60            | 12.00           | 11.30           |
| Cheyenne-----      | 4.50            | 5.45            | 4.95            | 7.20            | 3.86            | 2.62            | 2.50            | 2.44            | 3.45            | 3.43            | 3.70            | 2.95            | 3.15            | 2.65            |
| Clear Creek-----   | 13.20           | 9.90            | 11.40           | 11.90           | 7.90            | 7.90            | 9.90            | 8.90            | 10.60           | 10.10           | 10.60           | 9.86            | 10.50           | 10.40           |
| Conejos-----       | 6.53            | 8.55            | 8.55            | 8.55            | 8.55            | 8.50            | 9.85            | 9.65            | 9.50            | 10.30           | 10.20           | 9.61            | 12.00           | 10.00           |
| Costilla-----      | 9.60            | 9.05            | 10.00           | 10.50           | 11.00           | 15.68           | 15.90           | 15.40           | 14.50           | 14.50           | 14.50           | 14.50           | 14.00           | 14.00           |
| Crowley-----       | 4.80            | 5.90            | 7.20            | 8.00            | 6.07            | 5.64            | 7.63            | 6.64            | 6.64            | 6.59            | 6.65            | 5.80            | 4.45            | 3.65            |
| Custer-----        | 8.00            | 7.50            | 9.60            | 9.60            | 10.025          | 9.50            | 8.50            | 9.50            | 8.00            | 8.50            | 8.30            | 9.00            | 10.60           | 10.00           |
| Delta-----         | 5.13            | 4.80            | 6.50            | 10.00           | 8.00            | 6.36            | 6.73            | 6.91            | 6.64            | 8.64            | 10.22           | 12.03           | 12.46           | 12.84           |
| Denver-----        | 0.66            | 4.15            | 4.26            | 2.38            | 2.16            | 2.51            | 3.765           | 4.627           | 4.855           | 4.597           | 4.707           | 4.742           | 4.742           | 4.77            |
| Dolores-----       | 11.90           | 9.80            | 12.80           | 17.80           | 17.80           | 18.20           | 18.90           | 18.90           | 22.90           | 22.90           | 22.90           | 18.90           | 19.40           | 19.40           |
| Douglas-----       | 6.86            | 7.91            | 8.92            | 10.32           | 5.70            | 5.70            | 6.95            | 5.90            | 5.90            | 6.10            | 6.10            | 6.10            | 6.10            | 6.10            |
| Eagle-----         | 8.00            | 11.00           | 12.70           | 14.46           | 16.11           | 16.11           | 15.10           | 12.50           | 12.50           | 12.00           | 11.00           | 11.00           | 11.50           | 11.60           |
| Elbert-----        | 5.30            | 5.64            | 7.116           | 6.986           | 6.41            | 6.41            | 5.38            | 4.715           | 5.62            | 4.93            | 4.97            | 4.38            | 4.91            | 5.07            |
| El Paso-----       | 4.77            | 6.47            | 8.22            | 8.16            | 6.30            | 6.30            | 5.50            | 5.00            | 5.00            | 4.50            | 4.43            | 5.00            | 5.00            | 4.75            |
| Fremont-----       | 5.88            | 7.70            | 9.53            | 9.63            | 8.95            | 6.95            | 7.37            | 7.60            | 7.80            | 7.63            | 7.66            | 6.34            | 6.34            | 5.92            |
| Garfield-----      | 7.72            | 9.80            | 10.30           | 11.10           | 12.20           | 10.40           | 10.60           | 8.80            | 14.38           | 12.00           | 12.35           | 12.00           | 11.00           | 11.00           |
| Gilpin-----        | 12.00           | 15.00           | 15.00           | 15.00           | 14.50           | 14.50           | 12.50           | 12.50           | 12.50           | 12.50           | 12.60           | 12.50           | 12.50           | 13.00           |
| Grand-----         | 8.85            | 10.30           | 14.80           | 13.625          | 12.10           | 10.95           | 11.80           | 10.20           | 9.66            | 11.30           | 7.51            | 8.85            | 9.08            | 8.01            |
| Cunnison-----      | 9.70            | 8.40            | 8.00            | 8.10            | 6.35            | 8.15            | 7.74            | 4.18            | 7.18            | 7.345           | 7.29            | 9.85            | 8.75            | 8.74            |
| Hinsdale-----      | 18.00           | 16.75           | 18.00           | 13.50           | 19.50           | 20.50           | 21.05           | 25.00           | 24.00           | 24.00           | 21.00           | 27.26           | 27.25           | 19.00           |
| Huerfano-----      | 9.70            | 9.20            | 10.50           | 10.50           | 11.50           | 8.50            | 8.50            | 8.02            | 10.28           | 10.75           | 8.75            | 11.85           | 10.30           | 11.30           |
| Jackson-----       | 7.72            | 5.56            | 7.04            | 8.45            | 5.70            | 6.00            | 4.70            | 4.45            | 8.95            | 6.60            | 6.15            | 5.70            | 5.45            | 4.40            |
| Jefferson-----     | 6.00            | 6.40            | 7.20            | 7.23            | 4.89            | 4.50            | 4.87            | 6.60            | 5.80            | 7.33            | 8.16            | 8.19            | 7.98            | 7.11            |
| Kiowa-----         | 3.70            | 3.40            | 4.00            | 4.00            | 3.30            | 3.46            | 3.65            | 3.65            | 3.85            | 4.03            | 4.13            | .32             | 1.34            | 1.41            |
| Kit Carson-----    | 3.23            | 5.13            | 7.25            | 7.25            | 4.92            | 4.50            | 4.00            | 4.43            | 4.50            | 4.50            | 4.50            | 4.50            | 5.48            | 6.09            |
| Lake-----          | 13.70           | 14.63           | 14.93           | 15.03           | 11.75           | 9.12            | 9.67            | 9.80            | 13.426          | 13.425          | 10.725          | 11.44           | 11.44           | 11.61           |
| La Plata-----      | 6.50            | 7.13            | 9.87            | 10.87           | 7.83            | 7.33            | 7.84            | 7.81            | 8.83            | 8.43            | 10.350          | 9.00            | 9.56            | 9.30            |
| Larimer-----       | 6.30            | 6.20            | 6.62            | 7.93            | 6.65            | 6.00            | 5.25            | 7.50            | 7.37            | 7.16            | 7.43            | 8.37            | 8.50            | 8.39            |
| Las Animas-----    | 4.06            | 6.15            | 8.10            | 7.95            | 6.98            | 7.11            | 7.87            | 7.26            | 5.80            | 5.80            | 6.80            | 5.80            | 7.17            | 7.30            |
| Lincoln-----       | 4.95            | 4.67            | 4.98            | 4.85            | 4.86            | 4.48            | 4.66            | 3.70            | 4.54            | 4.60            | 6.41            | 5.46            | 5.63            | 5.67            |
| Logan-----         | 6.70            | 9.73            | 10.40           | 10.60           | 6.195           | 4.83            | 4.22            | 3.68            | 4.63            | 4.72            | 6.11            | 7.29            | 6.50            | 6.32            |
| Mesa-----          | 5.20            | 6.57            | 8.70            | 7.76            | 8.41            | 7.53            | 8.60            | 7.60            | 7.60            | 7.60            | 7.60            | 7.00            | 7.00            | 7.00            |
| Mineral-----       | 12.25           | 16.25           | 15.75           | 17.52           | 10.87           | 11.37           | 11.37           | 11.37           | 11.37           | 10.97           | 10.67           | 9.17            | 9.17            | 8.67            |
| Moffat-----        | 9.10            | 12.20           | 12.60           | 12.72           | 10.60           | 8.90            | 10.25           | 10.25           | 9.75            | 10.425          | 12.00           | 12.00           | 13.25           | 13.25           |
| Montezuma-----     | 9.00            | 14.68           | 14.93           | 14.90           | 12.77           | 11.77           | 13.48           | 13.25           | 13.75           | 13.65           | 13.75           | 13.12           | 12.32           | 13.63           |
| Montrose-----      | 9.30            | 10.16           | 11.57           | 12.19           | 8.92            | 8.65            | 8.56            | 8.27            | 10.38           | 9.94            | 10.30           | 11.23           | 12.27           | 11.92           |
| Morgan-----        | 6.34            | 5.23            | 8.53            | 10.53           | 1.73            | 3.738           | 2.94            | 2.65            | 4.67            | 3.78            | 6.75            | 7.162           | 7.14            | 6.97            |
| Otero-----         | 7.65            | 5.03            | 6.83            | 5.24            | 5.06            | 5.22            | 5.00            | 5.00            | 4.50            | 4.50            | 4.50            | 4.20            | 4.95            | 4.95            |
| Ouray-----         | 12.70           | 14.45           | 16.65           | 18.15           | 14.85           | 15.55           | 15.55           | 15.45           | 15.70           | 15.20           | 14.825          | 14.00           | 13.00           | 13.60           |
| Park-----          | 6.30            | 9.30            | 9.00            | 9.00            | 7.75            | 8.00            | 7.00            | 8.00            | 7.00            | 6.50            | 7.00            | 7.00            | 7.00            | 4.80            |
| Phillips-----      | 4.87            | 5.55            | 7.32            | 9.835           | 3.325           | 3.325           | 3.41            | 3.29            | 5.18            | 4.88            | 5.15            | 4.34            | 4.67            | 4.92            |
| Pitkin-----        | 16.62           | 18.50           | 21.00           | 20.50           | 16.00           | 13.50           | 17.90           | 14.75           | 18.00           | 16.00           | 18.00           | 16.625          | 18.00           | 16.00           |
| Prowers-----       | 6.60            | 6.00            | 7.10            | 7.10            | 5.70            | 5.50            | 4.91            | 4.856           | 4.65            | 4.86            | 4.85            | 6.35            | 7.18            | 7.02            |
| Pueblo-----        | 5.90            | 5.00            | 6.00            | 6.00            | 6.75            | 5.85            | 6.35            | 5.15            | 5.16            | 5.15            | 4.67            | 4.67            | 4.66            | 4.46            |
| Rio Blanco-----    | 8.95            | 10.23           | 11.53           | 13.03           | 8.15            | 8.52            | 8.37            | 8.16            | 8.25            | 10.53           | 8.31            | 8.49            | 9.24            | 9.16            |
| Rio Grande-----    | 7.70            | 5.30            | 5.60            | 7.60            | 8.60            | 7.35            | 7.50            | 9.95            | 4.96            | 4.45            | 5.70            | 6.20            | 8.20            | 7.75            |
| Routt-----         | 6.50            | 9.50            | 10.55           | 12.45           | 6.00            | 7.25            | 8.75            | 5.10            | 5.90            | 5.85            | 5.85            | 6.25            | 7.95            | 7.95            |
| Saguache-----      | 6.70            | 6.95            | 7.35            | 11.60           | 6.04            | 5.18            | 7.24            | 6.76            | 6.90            | 6.90            | 7.00            | 7.00            | 7.40            | 7.40            |
| San Juan-----      | 15.50           | 12.25           | 11.00           | 12.65           | 12.68           | 12.33           | 12.28           | 12.40           | 12.40           | 12.50           | 12.43           | 11.64           | 12.08           | 12.90           |
| San Miguel-----    | 10.75           | 11.80           | 14.436          | 13.65           | 13.65           | 11.82           | 11.82           | 12.05           | 13.84           | 13.33           | 15.26           | 13.84           | 17.34           | 13.41           |
| Sedgwick-----      | 8.49            | 5.30            | 8.365           | 10.42           | 6.412           | 6.455           | 4.67            | 3.69            | 5.05            | 8.244           | 7.086           | 8.282           | 8.76            | 6.05            |
| Summit-----        | 6.20            | 6.50            | 7.50            | 13.125          | 10.125          | 8.125           | 8.125           | 8.50            | 8.375           | 8.375           | 9.125           | 10.00           | 10.375          | 10.38           |
| Teller-----        | 11.00           | 11.42           | 13.08           | 13.30           | 12.10           | 12.10           | 13.30           | 13.10           | 13.232          | 13.10           | 13.10           | 13.10           | 13.10           | 13.10           |
| Washington-----    | 4.60            | 4.90            | 7.75            | 9.00            | 4.50            | 4.50            | 4.50            | 7.25            | 7.20            | 6.00            | 4.25            | 4.50            | 5.25            | 7.40            |
| Weld-----          | 3.50            | 5.23            | 6.53            | 7.33            | 5.41            | 5.04            | 4.97            | 5.20            | 5.20            | 6.154           | 6.67            | 6.71            | 6.71            | 6.48            |
| Yuma-----          | 6.42            | 6.03            | 6.13            | 5.78            | 5.768           | 5.81            | 5.70            | 5.60            | 5.50            | 4.80            | 4.60            | 4.50            | 4.50            | 4.50            |
| State Levy-----    | 1.3             | 2.77            | 3.47            | 3.47            | 4.35            | 4.48            | 3.93            | 3.70            | 3.70            | 3.67            | 3.84            | 3.56            | 3.65            | 3.59            |
| Assessed Val.----- | \$1,306,391,296 | \$1,424,921,288 | \$1,498,761,128 | \$1,593,599,684 | \$1,584,006,497 | \$1,550,762,317 | \$1,547,268,754 | \$1,540,500,479 | \$1,540,732,487 | \$1,646,830,046 | \$1,565,290,666 | \$1,577,560,380 | \$1,586,919,769 | \$1,690,674,097 |





## INHERITANCE TAXES

The thirteenth general assembly of the Colorado legislature enacted a law in 1901 as a part of the revenue act, providing for the imposition of a tax on transfers of property by inheritance 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. This law, which was approved by Governor James B. Orman on April 5, 1901, was declared unconstitutional by the state supreme court. The law was re-enacted, with changes, at an extra session of the legislature and the new act was approved on March 22, 1902. The law of 1921 was re-enacted with a considerable number of changes in 1927 and went into effect July 4, 1927, its rates and requirements applying only to estates of persons dying on or after that date.

The administration of the 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 commissioner holds office at the pleasure of the attorney general.

The law is complicated and cannot be reviewed in detail here. It divides beneficiaries into five classes. Class A includes the father, mother, husband, wife, child, or any lineal de-

scendant. 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 seven and one-half 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 strangers and all others 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 state fund and are a part of the general revenues of the state.

Collections by years ending November 30, as reported by the inheritance tax commissioner, are as follows:

| Year       | Amount        |
|------------|---------------|
| 1921 ..... | \$ 500,476.52 |
| 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  |

## Taxable and Non-Taxable Property

THE actual value of all property in Colorado, taxable and non-taxable, cannot be determined with any great degree of accuracy, but by using the best figures available from all sources of information a fairly reliable estimate of all wealth may be obtained. This method gives a total value of \$2,855,175,481, of which \$1,586,462,903 is the assessed value of property on the tax rolls of the state in 1930 as reported by the state tax commission, and \$1,268,712,578 represents the estimated value of property in the state which is not assessed for the payment of taxes. The taxable property comprises 55.5 per cent of the total, and the non-taxable property 44.5 per cent. The per capita value, based on the 1930 census, is \$2,756.52, of which \$1,531.64 per capita is for taxable

property and \$1,224.88 for non-taxable property.

The value of these figures lies principally in their indication of the relative position of taxable and non-taxable property, and they are not intended to establish the total wealth of the state. In order to arrive at the total wealth, adjustments would be necessary. Property on the tax rolls, for instance, while theoretically assessed at full value, would have to be revised upward to reflect the real value, as it is safe to assume that the assessed value does not exceed 60 per cent of the actual value. Bank deposits in the state on December 31, 1930, for example, aggregated \$209,991,122, but only \$18,049,516 in bank deposits actually was assessed in 1930. Also, taxes are not collected on all the

property assessed, as the law allows \$200 exemption on the personal property of heads of families. There were 268,531 families in the state in 1930, according to the census and, assuming that all were assessed, the exemption would amount to \$53,706,200.

The department of commerce does attempt to adjust values to determine the total wealth of the country and its figures are given consideration in another chapter in this volume on "Colorado's Total Wealth."

The figures show that almost one-half of all the property in the state is not assessed for taxes through the customary channels for collecting revenue. However, a considerable portion of the non-taxable property does render some return to the state in an indirect manner, such as the national forests and federal mineral lands, portions of the revenue from the same either being spent in the state or remitted direct to the state.

The following table, made up from various sources explained in the text, gives the estimated value of the non-taxable property of the state:

| Class of Property                                | Est. Val.       |
|--|-----------------|
| Federal property:                                |                 |
| Unappropriated land.....\$                       | 12,041,202      |
| Government land filed upon but not patented..... | 3,283,569       |
| National forests.....                            | 70,000,000      |
| Reclamation projects.....                        | 11,000,000      |
| Coal lands.....                                  | 523,450,000     |
| Indian property.....                             | 3,544,917       |
| Shale land.....                                  | 50,840,000      |
| Oil reserves.....                                | 2,189,000       |
| Government buildings.....                        | 24,156,053      |
| National parks and monuments .....               | 1,500,000       |
| Power, water and reservoir reserves.....         | 25,000,000      |
| Total federal.....\$                             | 727,004,741     |
| State and local public property:                 |                 |
| State property.....\$                            | 230,076,103     |
| Municipal property.....                          | 80,000,000      |
| County property.....                             | 8,932,000       |
| Public schools.....                              | 62,147,540      |
| Total public.....\$                              | 381,155,643     |
| Private property:                                |                 |
| Colleges and universities (private) .....        | 10,905,738      |
| Churches and rectories...                        | 26,646,456      |
| Hospitals .....                                  | 12,000,000      |
| Cemeteries .....                                 | 2,000,000       |
| Irrigation works.....                            | 90,000,000      |
| County fair associations..                       | 1,000,000       |
| Fraternals organizations...                      | 10,000,000      |
| Charity organizations....                        | 3,000,000       |
| Miscellaneous .....                              | 5,000,000       |
| Total private.....\$                             | 160,552,194     |
| Total exempt.....\$                              | 1,268,712,578   |
| Taxable (assessed val.)...                       | 1,586,462,903   |
| Grand total all property..                       | \$2,855,175,481 |

Unappropriated government land and land filed on but not yet patented are estimated at \$1.50 per acre.

The national forests include 13,330,832 acres. The estimate of value is arrived at by using a flat price of a little more than \$5 per acre. Estimates based on stumpage value of timber sold and capitalization of returns yield approximately the same total. While the national forests are not taxable, they yield considerable revenue to the state, the total expended in 1930 being \$1,108,517. Twenty-five per cent of the gross revenues from the forests goes to the counties in which the forests are located in the form of cash for roads and school purposes, and 10 per cent goes on roads and trails in the forests, while the counties also benefit from road funds appropriated by congress.

The federal reclamation projects and their irrigation works yield no direct return to the state in the form of taxes, but indirectly they increase the taxes on private property coming within the districts by creating a greater taxable value for them. The estimates on these two items are based on their costs, which are more fully reported in another place in this volume under the heading, "United States Reclamation Projects."

The United States geological survey has appraised Colorado coal land at \$100 to \$400 per acre, based on the extent of the deposits and their accessibility to markets, while the state land board appraises coal land at a little more than \$200 an acre. The estimate in the above table is made on a basis of \$100 an acre, giving cognizance to changed conditions resulting from the more widespread use of natural gas and fuel oil, and there is included 2,142,200 acres of withdrawn coal land and 3,092,300 acres of the public domain classified as coal land but not withdrawn from entry.

The value of Indian property, both tribal and individual, is taken from the annual report of the commissioner for Indian affairs for the fiscal year 1927. Oil land reserves are estimated at \$10 per acre and shale land at \$50 per acre, including the withdrawn areas and 952,239 acres classified as shale land but not withdrawn. The government returns to the state 37½ per cent of revenue received in the form of bonuses and royalties from the leasing of these lands.

The federal government buildings



include not only the Denver postoffice, custom house, mint, Fort Logan army post and Fitzsimons general hospital, but postoffices in various towns of the state. Their value is based on cost. In many instances, the sites were donated in whole or in part, and their present true value is in excess of the figure used. This item comprises property valued at \$6,856,053 under the jurisdiction of the treasury department and \$17,300,000 under the army, veterans bureau and other departments, but does not include \$1,860,000 of government-owned property used by the national guard.

The value of state property is that shown by an inventory as of 1930, details of which are available in a table published elsewhere in this volume.

The estimate on municipal property is based on the census of 1913, plus 100 per cent for increase in value in 18 years. When it is recalled that Denver alone had added nearly one-half of the total increase through the purchase of its own water system, the estimate may be considered conservative. The census bureau reported a total value of \$53,389,144 for municipal property owned in 1928 by Denver, Colorado Springs and Pueblo, or two-thirds of the total used in the above estimate.

The value of county property is based on a 100 per cent increase over the 1913 census figures, several of the

counties having built court houses in the interval, which will justify the estimate.

The value of public school property is taken from the report of the state superintendent of public instruction for 1930.

The value given to colleges and universities in the above table includes only the seven privately controlled institutions reporting to the United States bureau of education in 1928 and is for land, buildings and equipment valued at \$5,680,123 and productive funds to the amount of \$5,225,615. Parochial and several other privately controlled institutions are not included in this total.

The state colleges and universities are included in the value of state property. The value of church property and rectories is that given by the census bureau for 1926 plus an average for the 57 churches not reporting.

Property of fraternal organizations includes only those portions not taxed. Buildings owned by Masonic, Elks, Woodmen and other organizations are not taxed except for those portions used for income purposes. Under this heading are included such institutions as the Printers' home and the Woodmen of the World sanitarium at Colorado Springs, Masonic temples, buildings of the Young Men's Christian association, etc.

## Mineral Resources

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 and the wide range of geological formations exposed for examination and development. Approximately 250 useful metallic and non-metallic minerals and compounds have been reported in the state, and undoubtedly numerous others are yet to be found. Up to the present time approximately 30 metals have been produced in commercial quantities, of which gold, silver, copper, lead and zinc are the most important. The range of useful non-metals found in Colorado is almost as wide as that of the metals, but their production has not been so extensive, with the exception of coal, until recent years. Beginning with 1917, the production of minerals other than

gold, silver, copper, lead and zinc has been in excess of the combined output of these five principal metals in value.

Colorado's relative position among the states in the mining industry is indicated by the following table:

| Resource                                      | Rank |
|---|------|
| Coal (reserves).....                          | 1    |
| Molybdenum (value, 1927).....                 | 1    |
| Uranium and vanadium ores (value, 1928) ..... | 1    |
| Tungsten ore (value, 1927).....               | 2    |
| Fluorspar (value, 1925).....                  | 3    |
| Gold (value, 1928).....                       | 4    |
| Lead (tons produced, 1928).....               | 5    |
| Silver (value, 1928).....                     | 6    |
| Zinc (tons produced, 1928).....               | 6    |
| Coal (tons produced, 1928).....               | 9    |
| Coke (tons produced, 1928).....               | 9    |
| Copper (pounds produced, 1928).....           | 10   |
| Clay (value, 1928).....                       | 13   |
| Iron ore (tons, 1928).....                    | 14   |
| Lime (value, 1928).....                       | 14   |
| Natural gas (M cu. ft., 1928).....            | 15   |
| All minerals (value, 1919).....               | 15   |
| Petroleum (barrels, 1929).....                | 16   |
| All minerals (value, 1928).....               | 20   |
| All minerals (value, 1925).....               | 22   |



The census reports for 1919 placed Colorado 15th among the states in the value of mineral output, 14th in the number of persons engaged, and 13th in the average number of wage earners employed. The bureau of mines gave the state the 20th place in 1928 in value, Colorado producing 1.24 per cent of all the minerals produced in the United States.

The state's output of minerals, both metal and non-metal, has a total value of between \$60,000,000 and \$65,000,000 a year at the present rate of production. The capital investment is in excess of \$150,000,000 and the number of persons engaged is between 18,000 and 20,000.

The total value of all minerals produced in the state up to the end of 1930 probably is in excess of \$2,815,000,000.

The total figures have never been compiled and are not available. However, authentic figures show that the state had produced \$2,415,563,735 in coal, gold, silver, copper, lead, zinc and petroleum up to the end of that year, an amount \$829,100,832 greater than the assessed value of all property in the state for taxation purposes on October 1, 1930.

The following table shows the total value of the output of the seven principal minerals produced in the state up to the end of 1930, as reported by various agencies:

|                 |                 |
|-----------------|-----------------|
| Coal .....      | \$ 735,121,708  |
| Gold .....      | 715,477,000     |
| Silver .....    | 518,489,000     |
| Lead .....      | 217,175,237     |
| Zinc .....      | 155,722,959     |
| Copper .....    | 46,256,057      |
| Petroleum ..... | 27,321,774      |
| Total .....     | \$2,415,563,735 |

A table published herewith shows the value of all minerals produced in Colorado by years from 1905 to 1928, inclusive. Production by states was not segregated prior to 1905. The table gives the value each year of the output of gold, silver, copper, lead and zinc, and of all other minerals, with the percentages of the totals. It shows that in 1905 minerals other than the five principal metals yielded only 24.6 per cent of the total value of all mineral production in that year and 72.1 per cent of the total in 1928. On the contrary, the five principal metals supplied 75.4 per cent of the total in 1905 and only 27.9 per cent in 1928. This indicates that while metal mining as a whole declined in the 24-year period, the output of other minerals in-

creased and made up for the decrease. A readjustment in mining, rather than a decrease, is apparent. A chart illustrating these changes is published herewith. It will be noted that there was a distinct upward movement in the five principal metals and other minerals in the war period of 1915-1918, inclusive. This was an abnormal period, in which production values were affected by market prices, and in order to illustrate the effect of one on the other a table of average prices for the period appears below.

There is also published on page 210 a table giving mineral production of the state in 1925-26-27-28, the latest figures in that form available. Duplications are eliminated in this table. An examination of its various items discloses a long list of minerals which are rarely considered in that classification by the public. Clay products, for instance, account for nearly \$3,000,000, natural gas for more than three-quarters of a million dollars, stone for nearly \$1,000,000, and many others of the less widely known minerals—such as fluorspar, lime, manganese ores, molybdenum, tungsten, uranium and vanadium, marble, basalt and sand and gravel—add largely to the total of values taken from the ground in Colorado. While many of these are not reported separately, to avoid disclosing individual operations, their total value is impressive.

Average prices per ounce for silver and per pound for copper, lead and zinc in Colorado in the years 1905 to 1930, 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   | .155    | .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    |

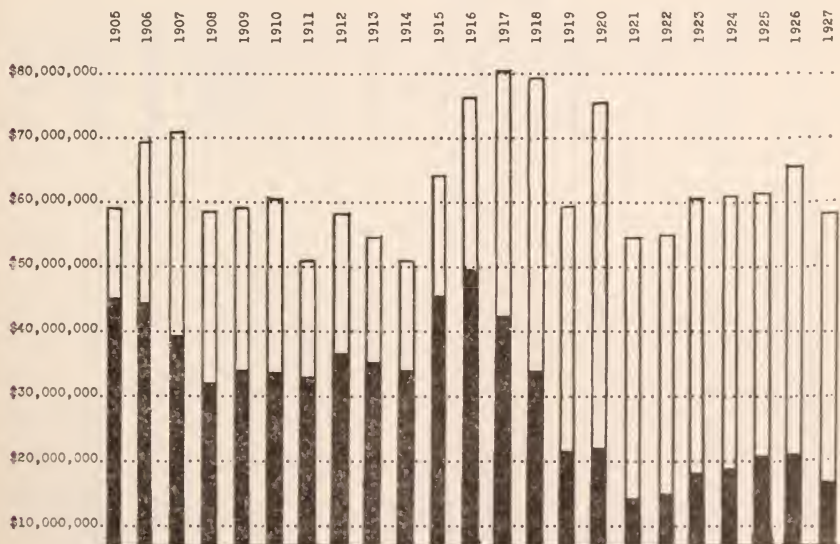
**VALUE OF ALL MINERALS PRODUCED IN COLORADO BY YEARS FROM 1905 TO 1928, INCLUSIVE**

(Compiled from reports of the 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             | 25,238,533         | 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                         |
| Total 24 Years... | \$723,933,818                       | 47.9             | \$786,731,193      | 52.1             | \$1,510,665,011                    |

**CHART SHOWING THE TREND OF MINERAL PRODUCTION IN COLORADO BY YEARS FROM 1905 TO 1927, INCLUSIVE**

Note.—The black columns indicate the value of the gold, silver, copper, lead and zinc output by years, and the lighter columns the total value of all minerals produced.



MINERAL PRODUCTION OF COLORADO IN 1928, 1927, 1926 AND 1925  
(U. S. Bureau of Mines)

| PRODUCT                       | 1928      |             | 1927      |             | 1926       |             | 1925       |             |
|-------------------------------|-----------|-------------|-----------|-------------|------------|-------------|------------|-------------|
|                               | Quantity  | Value       | Quantity  | Value       | Quantity   | Value       | Quantity   | Value       |
| Arsenious oxide.....          | 115       | \$ 9,501    | ---       | ---         | ---        | ---         | ---        | ---         |
| Barite.....                   | 40        | 340         | ---       | ---         | ---        | ---         | ---        | ---         |
| Cement.....                   | (1)       | (1)         | (1)       | (1)         | (1)        | (1)         | (1)        | (1)         |
| Clay Products.....            | ---       | \$2,998,242 | ---       | \$2,998,486 | ---        | \$3,381,776 | ---        | \$4,126,945 |
| Clay, raw.....                | 155,075   | \$256,548   | 218,255   | \$319,994   | 199,867    | \$254,523   | 254,521    | \$358,687   |
| Coal.....                     | 9,847,707 | 27,613,000  | 9,274,075 | 27,044,000  | 10,637,225 | 29,529,000  | 10,310,551 | 30,322,000  |
| Coke.....                     | 750,022   | (13)        | 788,586   | (13)        | 790,118    | (13)        | 644,481    | (13)        |
| Copper.....                   | 8,594,646 | 1,237,629   | 5,670,581 | 742,846     | 3,403,850  | 476,539     | 2,360,500  | 355,191     |
| Feldspar (crude).....         | (1)       | (1)         | (1)       | (1)         | (1)        | (1)         | (1)        | (1)         |
| Ferro-alloys.....             | (13)      | (13)        | ---       | ---         | ---        | ---         | (13)       | (13)        |
| Fluorspar.....                | 1,815     | 18,040      | 6,432     | (1)         | 10,440     | (1)         | 11,776     | 153,707     |
| Fuller's earth.....           | (1)       | (1)         | ---       | ---         | ---        | ---         | ---        | ---         |
| Gems and precious stones..... | ---       | (4)         | ---       | (4)         | ---        | (4)         | ---        | (4)         |
| Gold.....                     | 256,623   | 5,304,876   | 255,377   | 5,279,118   | 342,400    | 7,078,033   | 349,607    | 7,227,022   |
| Gypsum.....                   | (1)       | (1)         | (1)       | (1)         | (1)        | (1)         | (1)        | (1)         |
| Iron ore.....                 | 52,713    | (1)         | 32,206    | (1)         | 35,535     | (1)         | 8,642      | (1)         |
| Iron, pig.....                | (13)      | (13)        | (13)      | (13)        | (13)       | (13)        | (13)       | (13)        |
| Lead.....                     | 26,751    | 3,103,100   | 33,386    | 4,206,671   | 34,494     | 5,519,024   | 31,483     | 5,478,042   |
| Lime.....                     | 8,114     | 88,775      | 11,900    | 125,875     | 12,470     | 127,975     | (1)        | (1)         |
| Manganese ore.....            | ---       | ---         | (1)       | (1)         | ---        | ---         | 743        | 5,127       |
| Manganiferous ore:            |           |             |           |             |            |             |            |             |
| For fluxing.....              | 48        | (1)         | 1,029     | (1)         | 6,656      | 9,208       | 11,366     | 16,749      |
| For other purposes.....       | 18,599    | 99,823      | 26,828    | 126,935     | 2,925      | (1)         | 7,352      | 26,565      |



| Mica:                                   | (1)       | (1)          | (1)       | (1)          | (1)       | (1)          | (1)       | (1)          | (1)   | (1)   | (1)   |
|---|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-------|-------|-------|
| Scrap                                   | (1)       | (1)          | (1)       | (1)          | (1)       | (1)          | (1)       | (1)          | (1)   | (1)   | (1)   |
| Sheet                                   | (1)       | (1)          | (1)       | (1)          | (1)       | (1)          | (1)       | (1)          | (1)   | (1)   | (1)   |
| Micaceous minerals (vermiculite)        | 1         | 64           |           |              |           |              |           |              |       |       |       |
| Mineral paints, zinc and lead pigments  | (1 3)     | (1 8)        | (1 3)     | (1 3)        | (1 3)     | (1 3)        | (1 3)     | (1 3)        | (1 3) | (1 3) | (1 3) |
| Mineral waters                          | (4)       | (4)          | (4)       | (4)          | (4)       | (4)          | (4)       | (4)          | (4)   | (4)   | (4)   |
| Molybdenum                              | (1)       | (1)          | (1)       | (1)          | (1)       | (1)          | (1)       | (1)          | (1)   | (1)   | (1)   |
| Natural gas                             | 2,931,000 | 786,000      | 1,725,400 | 290,000      | 553,800   | 130,000      | 574,400   | 61,100       |       |       |       |
| Natural gas-gasoline                    | 1,909,000 | 136,000      | 912,000   | 64,000       | 276,000   | 17,000       | 35,000    | 4,000        |       |       |       |
| Ores (crude) etc.:                      |           |              |           |              |           |              |           |              |       |       |       |
| Copper                                  | 11,983    | (9)          | 467       | (9)          |           |              |           |              |       |       |       |
| Copper-lead                             | 366       | (9)          | 410       | (9)          |           |              |           |              |       |       |       |
| Dry and siliceous (gold and silver)     | 894,455   | (9)          | 1,035,305 | (9)          |           |              |           |              |       |       |       |
| Lead                                    | 26,687    | (9)          | 61,275    | (9)          |           |              |           |              |       |       |       |
| Lead-zinc                               | 492,593   | (9)          | 508,679   | (9)          |           |              |           |              |       |       |       |
| Zinc                                    |           |              | 392       | (9)          |           |              |           |              |       |       |       |
| Petroleum                               | 2,774,000 | 2,750,000    | 2,831,000 | 3,400,000    | 2,768,000 | 5,100,000    | 1,226,000 | 1,810,000    |       |       |       |
| Sand and gravel                         | 806,051   | 605,511      | 622,204   | 465,818      | 764,523   | 590,695      | 692,395   | 547,944      |       |       |       |
| Silver                                  | 4,052,253 | 2,370,568    | 3,784,605 | 2,145,871    | 4,704,122 | 2,935,372    | 4,506,940 | 3,127,816    |       |       |       |
| Stone                                   | 856,380   | 833,241      | 882,140   | 975,953      | 911,450   | 1,107,867    | 674,610   | 881,756      |       |       |       |
| Tungsten ore (60 per cent concentrates) | 229       | 149,423      | 832       | 209,007      | 232       | 148,200      | 201       | (1)          |       |       |       |
| Uranium and vanadium ores               | (1)       | (1)          | (1)       | (1)          | 20,511    | 292,000      | (1)       | (1)          |       |       |       |
| Zinc                                    | 35,731    | 4,359,182    | 35,865    | 4,590,656    | 32,500    | 4,875,000    | 30,811    | 4,683,196    |       |       |       |
| Miscellaneous (10)                      |           | 16,433,270   |           | 19,176,739   |           | 15,439,688   |           | 15,275,625   |       |       |       |
| Total value, eliminating duplications   |           | \$58,594,688 |           | \$58,855,263 |           | \$65,597,487 |           | \$63,148,959 |       |       |       |

<sup>1</sup>Value included under "Miscellaneous."

<sup>2</sup>Figures obtained through co-operation with bureau of the census.

<sup>3</sup>Value not included in total value for state.

<sup>4</sup>No canvass.

<sup>5</sup>Exclusive of basalt and marble, value for which is included under "Miscellaneous."

<sup>6</sup>Includes minerals indicated by "1," "5," and "8," above.

<sup>7</sup>Exclusive of pottery, value of which is included under "Miscellaneous."

<sup>8</sup>Exclusive of marble, value for which is included under "Miscellaneous."

<sup>9</sup>Not valued as ore; value of recoverable metal content included under the metals.

## METALS

The principal metals produced in Colorado, in point of value, are gold, silver, copper, lead and zinc. The total value of the output of these five metals from the beginning of the industry in the state down to the close of 1930 was \$1,653,121,568. This total includes the preliminary figures for 1930 as reported by C. W. Henderson, of the United States bureau of mines, which are not included in permanent tables published elsewhere in this volume on account of their being subject to revision. The 1930 preliminary figures are as follows:

|                     | Quantity   | Value        |
|---------------------|------------|--------------|
| Gold .....          |            | \$ 4,516,196 |
| Silver, ounces..... | 4,290,587  | 1,651,876    |
| Copper, pounds....  | 9,787,000  | 1,213,588    |
| Lead, pounds.....   | 44,646,000 | 2,321,592    |
| Zinc, pounds.....   | 72,903,000 | 3,426,441    |

Total .....\$13,129,693

The advance figures for 1930, by counties, are given in detail in a table accompanying this chapter.

The number of mines producing in the years named are as follows:

| Year       | Lode | Placer | Total |
|------------|------|--------|-------|
| 1917 ..... | 715  | 33     | 748   |
| 1918 ..... | 576  | 12     | 588   |
| 1919 ..... | 453  | 11     | 464   |
| 1920 ..... | 405  | 11     | 416   |
| 1921 ..... | 367  | 15     | 382   |
| 1922 ..... | 460  | 20     | 480   |
| 1923 ..... | 400  | 17     | 417   |
| 1924 ..... | 340  | 13     | 358   |
| 1925 ..... | 412  | 30     | 442   |
| 1926 ..... | 387  | 31     | 418   |
| 1927 ..... | 330  | 19     | 349   |
| 1928 ..... | 336  | 23     | 359   |
| 1929 ..... | 290  | 13     | 303   |

Gold was first mined in Colorado in 1858 and the production of silver began shortly thereafter. Copper has been produced steadily since 1868 and lead since 1869. The first zinc was produced in 1885. Metal mining is the state's oldest industry.

While Colorado's distinction as a mining state was built up principally on the production of these five metals, it has in recent years achieved a pre-eminent position in the production of other metals. The world's largest molybdenum mine is located at Climax, in Lake county, operated by the Climax-Molybdenum company, and in 1929 treated 408,000 tons of ore. Competent authorities estimate the output of this property at 85 per cent of the world's entire supply. A similar distinction is given to a property at Rifle, in Garfield county, where the United State Vanadium corporation operates the largest vanadium mine in the world. This property is credited with

an output four times greater than the entire production of the mines of Peru in 1928, which in former years were the source of the world's principal supply of vanadium. A third mine credited with being in the same class as these two, though its output is included with the state's five principal metals, is the property of the Empire Zinc company, located at Gilman, in Eagle county, said to be one of the largest zinc mines in the world.

Gold leads the five principal metals in the value of total output, the production to the end of 1930 being valued at more than \$715,477,000. In 1928 Colorado ranked fourth in gold production, being exceeded by Alaska, California and South Dakota. Colorado held first place for many years, but this position was surrendered to California in 1916. In the 70-year period ending with 1927 in which Colorado has produced gold, its output was equal to 15.8 per cent of all the gold produced in the United States between 1792 and 1927, inclusive, a period of 136 years.

Silver production in Colorado from the beginning of the industry to the end of 1930 was in excess of \$518,489,000. The state ranks sixth among the states in annual output, being exceeded in 1928 only by Arizona, Idaho, Montana, Nevada and Utah. In that year Colorado produced 7.5 per cent of the country's output, which compares with 6.5 per cent in 1927, 8.0 per cent in 1926 and 6.8 per cent in 1925.

The value of the copper output of the state in 1868 was only \$11,500. The peak was reached in 1917, when the output was \$2,217,307. Total value of the output to the end of 1930 was \$46,256,057. In 1925 the output reached the lowest point in 36 years, but in 1926 it began to increase and in 1929 the production was more than four times greater than in 1925. Nine states exceed Colorado in copper production.

In 1924 lead took second place in annual output, being ahead of silver and next to gold. It retained that place in 1925 and 1926, but in 1927 it yielded second place to zinc. The aggregate production of lead to the end of 1930 was \$217,175,237, this giving it third place among the five principal metals. Colorado is one of the five largest lead producing states, its output being exceeded only by Idaho, Missouri, Oklahoma and Utah.

Zinc production in quantity has increased steadily since 1921, except in 1929, when there was a slight setback. The aggregate value of output from 1885, when commercial production began, to the end of 1930, was \$155,722,959. The value of the 1885 output was only \$4,300. In 1927 it took second place in value among the five principal minerals, being next to gold, and maintained that relative position in 1930.

While the five metals named above furnish the largest portion of the metal output, almost every useful metal found in the United States exists here. Tungsten has been produced commercially when market conditions warranted since 1904, and the state ranked third in 1925 in quantity and value of output. Uranium, vanadium and radium have been produced since 1906, and the state ranks first in the output of vanadium. At this time it is producing about 85 per cent of the world's supply of molybdenum. There are 92 known deposits of manganese ores in the state which have been examined and reported upon by the United States geological survey.

The peak production of gold, silver, copper, lead and zinc in the state was reached in 1900, when the total value of the output was \$50,614,424. There was a downward tendency in the output until the bottom was reached in 1921, with a total output for the year of \$14,005,500. Since then there has been a gradual increase, although 1928, 1929 and 1930 fell below the totals of the four preceding years. The recovery appears to be of a permanent nature and mining is undergoing a revival. This is credited principally to the proven success of newly discovered processes for the treatment of low grade complex or rebellious ores.

The production of metals in Colorado is confined largely to the mountainous counties in the central and western parts of the state. The metals occur usually in compound ores found in well-defined veins or lodes. Free gold is the principal output of the placer mines, and Summit county has led all other counties in the state for 50 years in the output of its placer mines. There is a wide variety in the gold ores found in Colorado. Among the compound ores from which gold is obtained are amalgam calaverite, petzite and sylvanite.

Zinc is the predominant metal in

many of the ores which carry gold. The principal compound ores carrying zinc are aurichalcite, calamine, chalcophanite, hetaerolite, hydrozincite, nicholsonite, smithsonite and sphalerite.

Silver is found very commonly associated with both zinc and gold as well as with lead. The principal compound ores in which silver is found are acanthite, amalgam, calaverite, cosalite, galena, massicot, mimehesite, krennerite, pearceite, petzite, polybasite, proustite, pyrrargyrite, stephenite, stromeyerite and sylvanite.

Lead is perhaps more widely distributed than any other metal found in the state, and is often associated with both gold and silver. The principal compound ores from which lead is produced are altaite, anglesite, cerussite, cosalite, galena, massicot, mimetite, minium, plumbogarsite and pyromorphite.

Copper is very widely distributed, but usually occurs in comparatively small quantities. The principal compound ores containing copper are azurite, bornite, brochantite, chalcantite, chalcocite, chacopyrite, chrysocolla, covellite, cuprite, enargite, malachite, melaconite, stromeyerite, tenantite and tetrahedrite.

Of the total values of gold, silver, copper, lead and zinc reported by the United States bureau of mines up to the end of 1929, as shown on pages 214-215 of this volume, the largest total came from Lake county, which furnished more than one-fourth of the total for the state. Silver was the dominant metal in the development of the mines of that county, with zinc, lead, gold and copper following in that order.

Teller county ranked second in the development of the metal mining industry during that period, its production having been \$348,076,920 in the period from 1891 to 1929. Gold was almost exclusively responsible for the county's position, silver values totaling only \$1,232,702 and the values of other metals being negligible. San Miguel county ranked third, Pitkin county fourth and Gilpin county fifth in the value of the five metals taken from the mines up to the end of 1929.

Of the state's total values produced to that time, gold led in importance, accounting for nearly half the total. Silver, valued at nearly \$517,000,000, was second, with lead, zinc and copper following in the order named.



MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO BY YEARS—1858-1929  
(U. S. Bureau of Mines)

| YEAR    | GOLD          |  | SILVER      |            | COPPER     |           | LEAD        |           | ZINC       |          | Total Value   |
|---------|---------------|--|-------------|------------|------------|-----------|-------------|-----------|------------|----------|---------------|
|         | Total Value   |  | Fine Ounces | Value      | Pounds     | Value     | Pounds      | Value     | Pounds     | Value    |               |
| 1858-67 | \$ 25,021,784 |  | 302,829     | \$ 406,139 | ---        | ---       | ---         | ---       | ---        | ---      | \$ 25,427,923 |
| 1868    | 2,180,000     |  | 200,716     | 266,150    | 50,000     | 11,500    | ---         | ---       | ---        | ---      | 2,287,650     |
| 1869    | 3,100,000     |  | 475,472     | 630,000    | 102,000    | 24,735    | 150,000     | 9,000     | ---        | ---      | 3,843,735     |
| 1870    | 3,015,000     |  | 496,988     | 660,000    | 182,500    | 38,654    | 250,000     | 15,000    | ---        | ---      | 3,728,654     |
| 1871    | 3,683,951     |  | 776,648     | 1,029,059  | 183,000    | 44,140    | 555,000     | 33,300    | ---        | ---      | 4,740,450     |
| 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   | 2,001,331  | 379,493    | 106,268   | 1,236,400   | 74,184    | ---        | ---      | 4,200,704     |
| 1874    | 2,162,487     |  | 2,348,174   | 3,000,966  | 475,541    | 104,619   | 1,277,933   | 76,676    | ---        | ---      | 5,334,748     |
| 1875    | 2,224,568     |  | 2,330,291   | 2,889,560  | 280,815    | 63,745    | 1,636,000   | 94,888    | ---        | ---      | 5,272,761     |
| 1876    | 2,796,311     |  | 2,564,403   | 2,974,707  | 333,333    | 70,000    | 1,334,020   | 81,375    | ---        | ---      | 5,852,393     |
| 1877    | 3,148,708     |  | 2,882,121   | 3,458,536  | 493,664    | 93,796    | 4,286,354   | 235,750   | ---        | ---      | 6,936,800     |
| 1878    | 3,240,348     |  | 4,672,961   | 5,373,994  | 596,105    | 89,000    | 13,722,222  | 494,000   | ---        | ---      | 9,197,252     |
| 1879    | 3,193,500     |  | 11,839,336  | 13,327,237 | 704,301    | 131,000   | 47,348,000  | 1,941,268 | ---        | ---      | 18,593,025    |
| 1880    | 3,252,514     |  | 14,397,539  | 16,557,170 | 869,000    | 133,826   | 71,348,000  | 3,567,400 | ---        | ---      | 23,560,910    |
| 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  | 285,384   | 110,000,000 | 5,383,713 | ---        | ---      | 23,583,713    |
| 1883    | 4,100,000     |  | 13,434,610  | 14,912,417 | 1,152,652  | 190,188   | 141,114,000 | 6,087,902 | ---        | ---      | 25,270,507    |
| 1884    | 4,300,000     |  | 12,375,000  | 13,736,251 | 2,013,125  | 261,706   | 123,330,000 | 4,674,209 | ---        | ---      | 27,972,166    |
| 1885    | 4,203,425     |  | 12,220,982  | 13,076,451 | 1,146,460  | 123,813   | 106,692,000 | 4,160,989 | 100,000    | \$ 4,300 | 21,568,983    |
| 1886    | 4,450,000     |  | 12,375,000  | 12,251,250 | 1,146,460  | 127,257   | 113,000,000 | 5,428,000 | 100,000    | 4,400    | 22,260,907    |
| 1887    | 4,000,000     |  | 11,601,563  | 11,369,534 | 2,012,027  | 277,660   | 126,000,000 | 5,670,000 | 100,000    | 4,600    | 21,321,794    |
| 1888    | 3,758,099     |  | 14,695,313  | 13,813,596 | 1,621,100  | 272,345   | 128,404,000 | 5,649,777 | 300,000    | 14,700   | 23,608,617    |
| 1889    | 3,883,859     |  | 18,375,136  | 17,272,629 | 1,170,053  | 167,956   | 133,940,000 | 5,223,660 | 300,000    | 15,000   | 26,563,104    |
| 1890    | 4,151,132     |  | 18,800,000  | 19,740,000 | 3,585,691  | 559,368   | 109,192,000 | 4,913,639 | 300,000    | 16,500   | 29,380,639    |
| 1891    | 4,600,000     |  | 21,160,000  | 20,948,401 | 6,336,878  | 811,121   | 126,256,000 | 5,429,009 | 300,000    | 15,000   | 31,803,531    |
| 1892    | 5,300,000     |  | 24,000,000  | 20,880,000 | 7,593,674  | 880,866   | 120,000,000 | 4,800,001 | 1,125,000  | 51,750   | 31,912,617    |
| 1893    | 7,527,000     |  | 25,838,600  | 20,154,107 | 7,695,826  | 831,149   | 110,000,000 | 4,070,000 | 1,650,000  | 66,000   | 32,648,256    |
| 1894    | 9,491,514     |  | 23,281,398  | 14,667,231 | 6,481,413  | 615,734   | 101,226,000 | 3,340,458 | 1,500,000  | 52,500   | 32,167,487    |
| 1895    | 13,305,100    |  | 23,398,500  | 15,209,024 | 6,079,243  | 650,479   | 93,968,000  | 3,006,975 | 1,671,000  | 60,156   | 32,281,735    |
| 1896    | 14,911,000    |  | 22,573,000  | 15,349,642 | 6,022,176  | 650,395   | 89,606,000  | 2,688,178 | 1,292,000  | 50,388   | 33,649,603    |
| 1897    | 19,579,433    |  | 21,278,202  | 12,766,919 | 9,149,967  | 1,097,995 | 80,794,286  | 2,908,592 | 2,683,989  | 110,044  | 36,462,983    |
| 1898    | 23,534,632    |  | 23,502,601  | 13,866,532 | 10,870,701 | 1,347,965 | 113,416,138 | 3,900,656 | 3,900,656  | 179,430  | 43,235,272    |
| 1899    | 26,508,675    |  | 23,114,688  | 13,868,811 | 7,356,970  | 1,258,041 | 138,048,446 | 6,212,178 | 11,300,656 | 655,438  | 48,503,143    |
| 1900    | 28,762,036    |  | 20,336,512  | 12,608,637 | 7,826,815  | 1,299,251 | 164,274,762 | 7,228,090 | 16,282,055 | 716,410  | 50,614,424    |

|        |               |             |               |             |              |               |               |               |               |                 |
|--------|---------------|-------------|---------------|-------------|--------------|---------------|---------------|---------------|---------------|-----------------|
| 1901   | 27,679,443    | 18,492,563  | 11,095,538    | 7,872,529   | 1,314,712    | 148,111,020   | 6,368,772     | 26,843,731    | 1,100,593     | 47,559,058      |
| 1902   | 28,516,914    | 15,941,523  | 8,449,438     | 8,463,938   | 1,132,601    | 106,296,827   | 5,358,169     | 52,582,510    | 2,523,962     | 44,930,655      |
| 1903   | 21,605,357    | 13,245,438  | 7,152,636     | 7,809,920   | 1,069,958    | 101,513,414   | 4,263,566     | 80,616,000    | 4,353,263     | 38,444,680      |
| 1904   | 24,242,485    | 12,960,792  | 7,517,260     | 9,412,707   | 1,204,828    | 107,498,854   | 4,622,453     | 66,771,590    | 3,405,353     | 40,992,378      |
| 1905   | 25,295,222    | 12,339,435  | 7,267,056     | 9,661,546   | 1,507,201    | 115,746,777   | 5,440,098     | 85,561,396    | 4,930,122     | 44,699,700      |
| 1906   | 22,905,671    | 12,339,052  | 8,390,553     | 6,618,332   | 1,277,338    | 106,646,506   | 6,078,850     | 86,012,903    | 5,246,787     | 43,899,199      |
| 1907   | 20,307,648    | 11,509,514  | 7,655,679     | 8,826,254   | 1,765,261    | 89,065,232    | 4,720,457     | 85,048,564    | 5,017,865     | 39,466,900      |
| 1908   | 22,595,571    | 9,002,316   | 4,771,227     | 10,201,123  | 1,346,507    | 61,645,571    | 2,589,118     | 30,130,002    | 1,416,110     | 32,778,573      |
| 1909   | 21,984,008    | 8,904,701   | 4,630,444     | 10,316,191  | 1,419,106    | 72,462,326    | 3,102,980     | 51,210,260    | 2,765,354     | 33,901,891      |
| 1910   | 20,505,614    | 8,508,342   | 4,594,829     | 8,359,307   | 1,061,632    | 76,068,775    | 3,346,586     | 77,089,648    | 4,162,841     | 33,671,502      |
| 1911   | 19,001,975    | 7,330,168   | 3,884,989     | 8,024,488   | 1,003,061    | 69,679,289    | 3,135,568     | 94,607,456    | 5,392,625     | 32,418,218      |
| 1912   | 18,588,562    | 8,212,070   | 5,050,423     | 7,107,303   | 1,172,705    | 75,242,257    | 3,385,902     | 132,222,812   | 9,123,374     | 37,320,966      |
| 1913   | 18,146,916    | 9,325,255   | 5,832,454     | 7,227,826   | 1,120,318    | 87,897,773    | 3,867,502     | 119,346,429   | 6,683,400     | 35,450,585      |
| 1914   | 19,853,106    | 8,796,065   | 4,364,224     | 6,639,173   | 883,010      | 74,211,898    | 2,894,264     | 96,774,960    | 4,935,523     | 33,460,136      |
| 1915   | 22,414,944    | 7,027,572   | 3,563,182     | 7,112,537   | 1,244,694    | 68,810,597    | 3,234,098     | 104,594,994   | 12,969,779    | 43,426,697      |
| 1916   | 19,153,821    | 7,656,544   | 5,038,006     | 8,624,081   | 2,121,524    | 70,914,087    | 4,893,072     | 134,285,463   | 17,994,252    | 49,200,675      |
| 1917   | 16,729,224    | 7,394,353   | 6,018,787     | 8,422,004   | 2,217,307    | 67,990,012    | 5,847,141     | 120,315,775   | 12,272,209    | 42,084,668      |
| 1918   | 12,751,718    | 7,063,554   | 7,063,554     | 6,277,332   | 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   | 6,448,971     | 3,560,207   | 662,198      | 37,070,241    | 1,964,722     | 37,220,493    | 2,717,096     | 21,679,614      |
| 1920   | 7,576,319     | 5,409,335   | 5,896,175     | 4,043,734   | 744,047      | 46,629,788    | 3,730,383     | 48,790,742    | 3,952,050     | 21,898,974      |
| 1921   | 6,835,328     | 5,631,657   | 5,631,657     | 4,153,442   | 535,794      | 19,660,466    | 884,721       | 2,360,000     | 118,000       | 14,005,500      |
| 1922   | 6,373,419     | 5,855,911   | 5,855,911     | 3,373,454   | 455,414      | 23,477,200    | 1,291,246     | 23,258,000    | 1,325,706     | 15,301,698      |
| 1923   | 6,591,629     | 5,334,488   | 4,374,280     | 4,248,109   | 624,472      | 45,698,185    | 3,198,873     | 54,152,000    | 3,682,336     | 18,471,590      |
| 1924   | 8,593,116     | 3,254,370   | 2,180,428     | 2,713,219   | 355,432      | 47,557,051    | 3,804,565     | 56,727,000    | 3,687,255     | 18,620,796      |
| 1925   | 7,227,022     | 4,506,940   | 3,127,816     | 2,360,500   | 335,191      | 62,966,000    | 5,478,042     | 61,621,000    | 4,683,196     | 20,851,267      |
| 1926   | 7,078,033     | 4,704,122   | 2,935,572     | 3,403,850   | 742,539      | 68,987,800    | 5,519,024     | 65,000,000    | 4,875,000     | 20,833,968      |
| 1927   | 7,794,118     | 3,784,605   | 2,145,871     | 5,670,581   | 742,816      | 66,772,557    | 4,206,571     | 71,729,000    | 4,590,556     | 16,365,192      |
| 1928   | 5,504,876     | 4,052,253   | 2,370,568     | 8,594,646   | 1,237,629    | 53,501,723    | 3,103,100     | 71,462,000    | 4,859,182     | 16,375,366      |
| 1929   | 4,417,358     | 4,397,377   | 2,343,802     | 8,505,074   | 1,567,293    | 48,889,506    | 3,080,064     | 55,561,000    | 3,884,826     | 15,293,343      |
| Totals | \$710,961,413 | 653,549,067 | \$516,837,803 | 294,726,420 | \$45,042,469 | 4,549,312,583 | \$214,853,645 | 2,125,234,085 | \$152,296,518 | \$1,639,991,875 |

Note—1930 figures, shown in the text, are preliminary and subject to revision, so are not included here.

## TOTAL PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO BY COUNTIES TO THE END OF 1929

| Period    | County      | GOLD       |  | SILVER         |            | COPPER     |           | LEAD        |            | ZINC        |              | Total, Gold,<br>Silver, Copper,<br>Lead and Zinc<br>Value |
|-----------|-------------|------------|--|----------------|------------|------------|-----------|-------------|------------|-------------|--------------|---|
|           |             | Value      |  | Fine<br>Ounces | Value      | Pounds     | Value     | Pounds      | Value      | Pounds      | Value        |   |
| 1922-1929 | Adams       | \$ 19,345  |  | 141            | \$ 86      |            |           |             |            |             |              | \$ 19,431   |
| 1928-     | Alamosa     | 11         |  |                |            |            |           |             |            |             |              | 11  |
| 1858-1925 | Arapahoe    | 8,147      |  | 101            | 64         |            |           |             |            |             |              | 8,211   |
| 1897-1904 | Archuleta   | 1,489      |  | 505            | 302        |            |           |             |            |             |              | 1,791   |
| 1900-1917 | Baca        | 292        |  | 356            | 226        | 21,511     | \$ 4,441  |             |            |             |              | 4,959   |
| 1859-1929 | Boulder     | 16,366,184 |  | 8,228,704      | 7,714,051  | 978,655    | 150,014   | 7,210,063   | \$ 399,251 |             |              | 24,629,500  |
| 1859-1929 | Chaffee     | 7,415,199  |  | 5,243,427      | 4,248,231  | 9,665,462  | 1,730,124 | 131,022,764 | 5,787,852  | 28,865,705  | \$ 2,511,825 | 21,693,231  |
| 1859-1929 | Clear Creek | 22,919,021 |  | 58,684,055     | 52,913,315 | 12,034,161 | 1,944,922 | 180,904,719 | 8,308,572  | 31,489,221  | 2,286,764    | 88,372,594  |
| 1861-1906 | Conejos     | 38,445     |  | 55,823         | 33,278     | 4,815      | 797       | 3,400       | 149        |             |              | 72,669  |
| 1875-1929 | Costilla    | 43,569     |  | 2,726          | 1,598      | 1,827      | 239       | 50,048      | 1,802      |             |              | 47,208  |
| 1872-1929 | Custer      | 2,189,664  |  | 4,578,537      | 4,570,122  | 567,125    | 106,940   | 39,715,009  | 1,997,817  | 217,227     | 14,787       | 8,879,330   |
| 1894-1910 | Delta       | 4,273      |  | 306            | 176        |            |           |             |            |             |              | 4,449   |
| 1929-     | Denver      | 115        |  |                |            |            |           |             |            |             |              | 115   |
| 1879-1929 | Dolores     | 2,028,030  |  | 12,614,019     | 9,743,927  | 7,755,339  | 1,375,456 | 71,049,285  | 3,907,205  | 44,688,116  | 2,972,635    | 20,027,253  |
| 1858-1928 | Douglas     | 4,981      |  | 161            | 128        |            |           |             |            |             |              | 5,109   |
| 1879-1929 | Eagle       | 3,154,521  |  | 9,308,421      | 7,513,351  | 11,772,373 | 1,841,495 | 102,642,592 | 5,021,994  | 219,000,129 | 18,292,418   | 35,823,779  |
| 1926-     | Elbert      | 148        |  |                |            |            |           |             |            |             |              | 148   |
| 1913-1914 | El Paso     |            |  |                |            | 13,276     | 2,000     |             |            |             |              | 2,000   |
| 1881-1928 | Fremont     | 81,186     |  | 92,319         | 85,742     | 667,955    | 120,562   | 691,477     | 29,243     | 1,494,769   | 108,255      | 424,988   |
| 1885-1927 | Garfield    | 16,935     |  | 722            | 437        | 1,044      | 153       | 10,142      | 639        |             |              | 18,164  |
| 1859-1929 | Gilpin      | 84,490,432 |  | 10,646,815     | 8,623,149  | 25,598,587 | 4,198,194 | 36,419,980  | 1,627,327  | 398,113     | 32,159       | 98,971,261  |
| 1896-1925 | Grand       | 13,186     |  | 4,656          | 3,538      | 5,171      | 805       | 4,345       | 248        |             |              | 17,777  |
| 1861-1929 | Gunnison    | 2,280,553  |  | 5,606,535      | 5,013,893  | 1,031,565  | 187,511   | 49,526,169  | 2,472,712  | 25,987,150  | 2,147,005    | 12,101,674  |
| 1875-1929 | Hinsdale    | 1,459,279  |  | 5,736,350      | 4,645,172  | 2,906,838  | 409,419   | 98,296,199  | 4,073,481  | 1,283,634   | 70,273       | 10,657,624  |
| 1875-1907 | Huerfano    | 3,474      |  | 1,176          | 698        | 92         | 11        | 1,067       | 38         |             |              | 4,221   |



|                        |               |             |               |             |              |               |               |               |               |                 |
|------------------------|---------------|-------------|---------------|-------------|--------------|---------------|---------------|---------------|---------------|-----------------|
| 1858-1928 Jefferson    | 62,396        | 7,058       | 4,631         | 20,695      | 3,347        | 10,863        | 398           | ---           | ---           | 70,772          |
| 1859-1929 Lake         | 53,703,794    | 233,793,208 | 191,488,062   | 101,324,281 | 14,510,863   | 2,001,650,847 | 91,027,737    | ---           | 93,341,544    | 444,072,000     |
| 1925-1929 La Plata     | 217,442       | 141,724     | 81,020        | 97          | 14           | 136,000       | 8,301         | ---           | ---           | 306,777         |
| 1878-1924 Montezuma    | 3,612,156     | 1,766,360   | 1,137,638     | 278,979     | 45,087       | 260,093       | 12,185        | ---           | ---           | 4,807,066       |
| 1895-1917 Larimer      | 24,304        | 2,502       | 1,735         | 235,328     | 38,647       | ---           | ---           | ---           | 1,659         | 66,345          |
| 1887-1899 Las Animas   | 2,094         | 20          | 15            | ---         | ---          | ---           | ---           | ---           | ---           | 2,109           |
| 1885-1928 Mesa         | 5,040         | 5,044       | 3,033         | 37,375      | 5,512        | 20            | 1             | ---           | ---           | 13,586          |
| 1891-1929 Mineral      | 2,729,281     | 47,133,897  | 30,779,826    | 275,088     | 44,187       | 199,393,849   | 8,866,027     | ---           | 1,518,005     | 43,937,326      |
| 1924-1929 Moffat       | 1,112         | 75          | 40            | 17,000      | 2,992        | ---           | ---           | ---           | ---           | 4,144           |
| 1929- Montezuma        | 151           | ---         | ---           | ---         | ---          | ---           | ---           | ---           | ---           | 151             |
| 1886-1927 Montrose     | 48,357        | 212,958     | 137,345       | 532,592     | 93,899       | 64            | 3             | ---           | ---           | 279,604         |
| 1878-1929 Ouray        | 35,901,760    | 42,196,870  | 32,536,234    | 23,530,530  | 3,393,317    | 163,994,498   | 7,289,075     | ---           | 122,736       | 79,243,122      |
| 1859-1929 Park         | 11,166,456    | 7,016,793   | 6,949,962     | 2,100,788   | 395,530      | 41,767,825    | 1,871,896     | ---           | 196,964       | 20,580,808      |
| 1880-1929 Pitkin       | 578,035       | 98,581,024  | 73,951,205    | 1,128,463   | 197,443      | 578,808,279   | 26,766,984    | ---           | 1,222,195     | 102,715,862     |
| 1894-1901 Pueblo       | 793           | 90          | 55            | 210         | 35           | ---           | ---           | ---           | ---           | 883             |
| 1870-1929 Rio Grande   | 2,890,497     | 183,843     | 174,473       | 129,397     | 20,807       | 108,347       | 6,058         | ---           | ---           | 3,091,835       |
| 1866-1922 Routt-Moffat | 388,865       | 28,941      | 19,696        | 78,570      | 16,704       | 139,536       | 5,205         | ---           | ---           | 430,470         |
| 1880-1929 Saguache     | 338,251       | 4,795,103   | 3,250,277     | 12,668,054  | 1,904,949    | 31,717,256    | 1,944,960     | ---           | 215,762       | 7,654,199       |
| 1873-1929 San Juan     | 24,734,350    | 33,444,803  | 23,358,399    | 69,150,513  | 9,203,011    | 426,258,495   | 23,321,344    | ---           | 13,174,335    | 93,791,439      |
| 1875-1929 San Miguel   | 65,384,837    | 47,657,578  | 24,715,681    | 18,017,470  | 2,925,119    | 221,688,902   | 12,365,760    | ---           | 1,418,619     | 116,810,016     |
| 1859-1929 Summit       | 19,780,092    | 13,879,915  | 11,993,149    | 1,174,743   | 167,867      | 165,829,838   | 7,739,332     | ---           | 12,648,578    | 52,239,018      |
| 1891-1929 Teller       | 346,844,086   | 1,899,392   | 1,232,702     | 451         | 83           | 612           | 49            | ---           | ---           | 348,076,920     |
| 1888- Miscellaneous    | 8,785         | 1,214       | 1,141         | ---         | ---          | ---           | ---           | ---           | ---           | 9,926           |
| Totals-----            | \$710,961,413 | 653,549,067 | \$516,837,803 | 294,726,420 | \$45,042,496 | 4,549,312,583 | \$214,853,645 | 2,125,234,985 | \$152,296,518 | \$1,639,991,875 |

**MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO IN 1929, BY COUNTIES**  
(In terms of recovered or recoverable metals)  
(Final figures by Chas. W. Henderson, of the United States Bureau of Mines, Department of Commerce)

| COUNTY           | Mines Prod. |      | ORE**  | GOLD§§      |           | SILVER§§    |           | COPPER      |            | LEAD        |            | ZINC        |           | Total Value   |
|------------------|-------------|------|--------|-------------|-----------|-------------|-----------|-------------|------------|-------------|------------|-------------|-----------|---------------|
|                  | Placer      | Lode |        | Short Tons  | Value     | Fine Ounces | Value     | Pounds      | Value      | Pounds      | Value      | Pounds      | Value     |               |
|                  |             |      |        |             |           |             |           |             |            |             |            |             |           |               |
| Adams-----       | 2           | --   | 2      | \$ 4,073    | 28        | \$ 15       | ---       | ---         | ---        | ---         | ---        | ---         | ---       | \$ 4,088      |
| Boulder-----     | --          | 32   | 32     | 33,528      | 7,852     | 4,185       | ---       | ---         | ---        | 35,921      | 2,263      | ---         | ---       | 39,976        |
| Chaffee-----     | 1           | 4    | 5      | 369         | 1,366     | 728         | 6,597     | \$ 1,161    | 54,778     | 3,451       | ---        | ---         | ---       | 5,709         |
| Clear Creek----- | 41          | 41   | 55,975 | 93,013      | 168,850   | 89,997      | 41,472    | 7,299       | 526,397    | 33,163      | 56,000     | \$ 3,696    | ---       | 227,168       |
| Costilla-----    | --          | 1    | 11     | 101         | 11        | 6           | ---       | ---         | ---        | ---         | ---        | ---         | ---       | 107           |
| Custer-----      | --          | 6    | 68     | ---         | 1,835     | 978         | ---       | ---         | ---        | 22,826      | 1,438      | ---         | ---       | 2,416         |
| Denver-----      | 1           | --   | 115    | 115         | ---       | ---         | ---       | ---         | ---        | ---         | ---        | ---         | ---       | 115           |
| Dolores-----     | --          | 9    | 9      | 12,866      | 272,985   | 145,501     | 327,250   | 57,596      | 7,060,047  | 444,783     | 5,906,000  | 389,730     | ---       | 1,050,476     |
| Eagle-----       | 1           | 1    | 2      | 54,627      | 71,995    | 917,171     | 488,852   | 3,139,000   | 552,464    | 24,885      | 840,000    | 55,440      | ---       | 1,193,636     |
| Gilpin-----      | 2           | 18   | 20     | 57,541      | 109,289   | 28,912      | 15,410    | 19,082      | 120,304    | 7,617       | 200,000    | 13,200      | ---       | 151,398       |
| Gunnison-----    | --          | 11   | 11     | 2,094       | 8,196     | 6,612       | 12,761    | 2,246       | 164,921    | 10,390      | 40,644     | ---         | ---       | 40,644        |
| Hinsdale-----    | --          | 4    | 4      | 3,080       | 715       | 3,165       | 2,722     | 479         | 92,906     | 5,853       | 42,000     | 2,772       | ---       | 11,506        |
| Lake-----        | 33          | 33   | 33     | 125,014     | 138,031   | 394,270     | 210,146   | 317,096     | 55,809     | 10,343,286  | 651,627    | 26,828,000  | 1,770,648 | 2,826,261     |
| La Plata-----    | 7           | 7    | 7      | 19,950      | 116,360   | 83,107      | 44,296    | ---         | ---        | 71,000      | 4,473      | ---         | ---       | 165,129       |
| Mineral-----     | 7           | 7    | 7      | 5,436       | 2,517     | 612,497     | 326,461   | ---         | ---        | 271,000     | 17,073     | ---         | ---       | 346,061       |
| Moffat-----      | 1           | 1    | 2      | 116         | 75        | 40          | 17,000    | 2,992       | ---        | ---         | ---        | ---         | ---       | 3,148         |
| Montezuma-----   | --          | 1    | 20     | 151         | ---       | ---         | ---       | ---         | ---        | ---         | ---        | ---         | ---       | 151           |
| Ouray-----       | --          | 13   | 13     | 7,514       | 368,598   | 20,683      | 53,171    | 9,358       | 102,824    | 6,478       | ---        | ---         | ---       | 395,458       |
| Park-----        | --          | 8    | 8      | 3,791       | 206,737   | 8,953       | 1,693     | 298         | 148,206    | 9,337       | ---        | ---         | ---       | 221,204       |
| Pitkin-----      | --          | 7    | 7      | 11,399      | 62        | 98,880      | ---       | ---         | 1,420,826  | 89,512      | 202,000    | 13,332      | ---       | 155,609       |
| Rio Grande-----  | --          | 2    | 2      | 4,440       | 33,782    | 6,058       | 5,392     | 949         | 55,237     | 3,480       | ---        | ---         | ---       | 41,440        |
| Saguache-----    | --          | 7    | 7      | 118,694     | 21,043    | 722,319     | 2,667,000 | 469,392     | 5,806,000  | 365,778     | ---        | ---         | ---       | 1,241,209     |
| San Juan-----    | --          | 13   | 13     | 346,866     | 431,404   | 871,544     | 2,157,000 | 379,632     | 19,012,224 | 1,197,770   | 22,858,000 | 1,508,628   | ---       | 3,981,967     |
| San Miguel-----  | --          | 10   | 10     | 17,951      | 75,207    | 127,653     | 35,267    | 6,207       | 2,448,317  | 154,244     | ---        | ---         | ---       | 303,697       |
| Summit-----      | --          | 5    | 13     | 9,608       | 48,996    | 27,514      | 13,233    | 2,329       | 737,286    | 46,449      | 1,930,000  | 127,380     | ---       | 239,819       |
| Teller-----      | --          | 41   | 41     | 288,590     | 2,640,034 | 9,244       | ---       | ---         | ---        | ---         | ---        | ---         | ---       | 2,644,961     |
| Total, 1929----- | 13          | 230  | 303    | \$4,417,358 | 4,397,377 | \$2,343,802 | 8,905,074 | \$1,567,293 | 48,889,906 | \$3,080,064 | 58,861,000 | \$3,884,826 | ---       | *\$15,293,343 |
| Total, 1928----- | 23          | 336  | 359    | 5,304,876   | 4,062,253 | 2,370,568   | 8,594,646 | 1,237,629   | 53,501,723 | 3,103,100   | 71,462,000 | 4,359,182   | ---       | \$16,375,355  |

\*\*Tonnage of lode mines only. §§Includes placer production as follows: 1928, \$61,406 in gold, 728 ounces of silver; 1929, \$45,850 in gold, 548 ounces of silver. \*Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.533 per ounce; copper, \$0.176 per pound; lead, \$0.063 per pound; zinc, \$0.066 per pound. \$Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.585 per ounce; copper, \$0.144 per pound; lead, \$0.058 per pound; zinc, \$0.061 per pound.

**GOLD, SILVER, COPPER, LEAD AND ZINC MINED IN COLORADO IN 1930\*, BY COUNTIES**  
(In terms of recovered or recoverable metals)  
(Preliminary figures by Chas. W. Henderson, United States Bureau of Mines, Department of Commerce)

| COUNTY                            | GOLD†       |             | SILVER†     |           | COPPER      |            | LEAD        |             | ZINC        |        | Total Value  |
|-----------------------------------|-------------|-------------|-------------|-----------|-------------|------------|-------------|-------------|-------------|--------|--------------|
|                                   | Value       | Fine Ounces | Value       | Pounds    | Value       | Pounds     | Value       | Pounds      | Value       | Pounds |              |
| Adams-----                        | \$ 5,251    | 17          | \$ 6        | ---       | ---         | ---        | ---         | ---         | ---         | ---    | \$ 5,257     |
| Boulder-----                      | 16,103      | 4,473       | 1,722       | ---       | ---         | ---        | 11,000      | ---         | ---         | ---    | 18,397       |
| Chaffee-----                      | 269         | 1,290       | 497         | ---       | ---         | ---        | 44,000      | ---         | ---         | ---    | 2,288        |
| Clear Creek---                    | 106,191     | 36,350      | 13,995      | 24,000    | \$ 2,976    | 143,000    | 7,436       | 20,000      | \$ 940      | ---    | 3,054        |
| Dolores-----                      | 7,938       | 64,111      | 24,683      | 200,000   | 24,800      | 1,046,000  | 54,392      | 977,000     | 45,919      | ---    | 131,538      |
| Eagle-----                        | 115,266     | 1,541,706   | 593,557     | 5,310,000 | 658,440     | 7,735,000  | 402,220     | 28,410,000  | 1,335,270   | ---    | 157,732      |
| Garfield-----                     | ---         | 33          | 13          | ---       | ---         | ---        | 16,000      | ---         | ---         | ---    | 3,104,753    |
| Gilpin-----                       | 127,483     | 18,685      | 7,194       | 69,000    | 8,556       | 57,000     | 2,964       | ---         | ---         | ---    | 845          |
| Gunnison-----                     | 18,419      | 2,412       | 329         | ---       | ---         | ---        | 76,000      | ---         | ---         | ---    | 146,197      |
| Hinsdale-----                     | 145         | 127         | 49          | ---       | ---         | ---        | 3,952       | 206,000     | 9,682       | ---    | 32,982       |
| Lake-----                         | 79,339      | 616,783     | 237,461     | 264,000   | 31,496      | 12,718,000 | 988         | ---         | ---         | ---    | 1,182        |
| La Plata-----                     | 5,891       | 2,737       | 1,054       | ---       | ---         | ---        | 19,000      | ---         | ---         | ---    | 1,086,264    |
| Mineral-----                      | 2,667       | 404,767     | 155,835     | ---       | ---         | ---        | ---         | ---         | ---         | ---    | 2,095,896    |
| Montezuma-----                    | 1,612       | 25          | 10          | ---       | ---         | ---        | ---         | ---         | ---         | ---    | 6,945        |
| Montrose-----                     | 41          | ---         | ---         | ---       | ---         | ---        | ---         | ---         | ---         | ---    | 165,730      |
| Ouray-----                        | 148,320     | 21,219      | 8,169       | 24,000    | 2,976       | 163,000    | 7,228       | ---         | ---         | ---    | 1,622        |
| Park-----                         | 494,305     | 11,736      | 4,518       | 7,000     | 868         | 304,000    | 8,476       | ---         | ---         | ---    | 41           |
| Pitkin-----                       | 83          | 56,207      | 21,640      | ---       | ---         | ---        | 15,808      | ---         | ---         | ---    | 167,941      |
| Rio Grande-----                   | 7,970       | 239         | 92          | ---       | ---         | ---        | 38,532      | 47,000      | 2,209       | ---    | 515,499      |
| Saguache-----                     | 10,439      | 328,040     | 126,295     | 1,200,000 | 148,800     | 2,238,000  | ---         | ---         | ---         | ---    | 62,464       |
| San Juan-----                     | 655,357     | 1,085,611   | 417,960     | 2,668,000 | 330,832     | 17,632,000 | 116,376     | ---         | ---         | ---    | 8,071        |
| San Miguel-----                   | 35,018      | 81,827      | 31,593      | 31,000    | 3,844       | 1,512,000  | 916,864     | 20,131,000  | 946,157     | ---    | 401,910      |
| Summit-----                       | 148,403     | 3,345       | 1,288       | ---       | ---         | ---        | 78,624      | ---         | ---         | ---    | 3,270,170    |
| Teller-----                       | 2,526,677   | 8,847       | 3,406       | ---       | ---         | ---        | 2,704       | ---         | ---         | ---    | 148,980      |
| Total, 1930-----                  | \$4,516,196 | 4,290,587   | \$1,651,876 | 9,787,000 | \$1,213,588 | 44,646,000 | \$2,321,592 | ---         | ---         | ---    | 152,395      |
| Total, 1929-----                  | 4,417,358   | 4,397,377   | 2,343,892   | 8,995,074 | 1,567,293   | 45,889,996 | 3,080,064   | 72,903,000  | \$3,426,441 | ---    | 2,530,083    |
| Increase or decrease from 1929--- | +98,838     | -106,790    | -691,926    | +881,926  | -353,705    | -4,243,996 | -\$758,472  | 58,861,000  | 3,884,826   | ---    | \$15,293,343 |
|                                   |             |             |             |           |             |            |             | +14,042,000 | -\$458,385  | ---    | -\$2,163,650 |

\*Actual 11 months' figures, with estimate for December. †Includes placer production. ‡Average value of metals: Gold, \$20.671855 per ounce; silver, \$0.885 per ounce; copper, \$0.124 per pound; lead, \$0.052 per pound; zinc, \$0.047 per pound. §Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.533 per ounce; copper, \$0.176 per pound; lead, \$0.063 per pound; zinc, \$0.066 per pound.



## PRINCIPAL 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, tetradyomite)—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, hubernite, 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.

## COAL

The annual output of coal in Colorado exceeds in volume and value that of any other product of the mines, the total value of the coal produced in the state from the beginning of the industry to the end of 1930 being estimated at \$735,121,708. Gold, which heretofore has held first place in the value of mineral output, lost that position to coal in 1929 and now ranks second in aggregate value. The gold production of the state down to the end of 1930 was \$715,477,609, this being the final figure compiled by the United States Bureau of Mines with the exception of 1930, the figures for that year being the preliminary estimates.

The coal resources of the state, that is, coal in the ground unmined, are greater than in any other state in the Union, according to Clark B. Carpenter, associate professor of metallurgy of the Colorado School of Mines, who places Colorado first in the estimates of the country's available supply, with Illinois, West Virginia and Pennsylvania following in the order named. The state ranked third at the end of 1912, according to estimates made by the United States geological survey. Colorado ranks eighth among the states in the value of the annual output.

M. R. Campbell, senior geologist of the United States geological survey, estimates 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 Mancos and west of Telluride ..... | 36              | 74,000,000      |
| Total .....                                      | 19,754          | 418,432,500,000 |
| Coal mined up to end of 1925 .....               |                 | 300,351,000     |
| Est. loss in mining .....                        |                 | 150,000,000     |
| Total exhaustion .....                           |                 | 450,351,000     |
| Coal unmined .....                               |                 | 417,982,149,000 |

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 Colorado                     | 36              | 74,000,000      |
| Yampa and Uinta (below 3,000 ft.) .... |                 | 310,000,000,000 |
| Total .....                            | 8,904           | 503,895,000,000 |

The Colorado state geological survey estimates on area and available supply are as follows:

| 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     |
| Total .....         | 17,830          | 371,770,000,000 |

Colorado, through its ownership of state school land, profits extensively from its coal deposits, its holdings of coal lands being estimated at 473,732 acres, of which 15,774 acres was under lease on November 30, 1930. From these leases 1,227,158 tons of coal was mined in the biennial period ending November 30, 1930, the amount received therefrom during the period being \$197,916. Additional data on state school land will be found in the chapter under that heading.

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.

Tables published herewith show Colorado's coal production by years from 1864 to 1930, inclusive, with its estimated value at the mine; coal production by counties, by years, and the production, average number of men employed, number of fatal accidents, number of mines, etc., from 1913 to 1930, inclusive.

| COLORADO COAL PRODUCTION<br>BY YEARS |           |            | Year  | Tons        | Value         |
|--------------------------------------|-----------|------------|-------|-------------|---------------|
| Year                                 | Tons      | Value      | 1900  | 5,495,734   | \$ 5,858,036  |
| 1864 to 1872...                      | 53,700    | \$ 127,400 | 1901  | 6,021,405   | 6,441,891     |
| 1873                                 | 69,977    | 139,954    | 1902  | 7,522,923   | 8,397,812     |
| 1874                                 | 87,372    | 179,740    | 1903  | 7,775,302   | 9,150,943     |
| 1875                                 | 98,838    | 197,676    | 1904  | 6,776,551   | 8,751,821     |
| 1876                                 | 117,666   | 235,332    | 1905  | 8,989,631   | 10,810,978    |
| 1877                                 | 160,000   | 320,000    | 1906  | 10,308,421  | 12,735,616    |
| 1878                                 | 200,630   | 451,417    | 1907  | 10,965,640  | 15,079,449    |
| 1879                                 | 322,732   | 726,154    | 1908  | 9,773,007   | 13,586,988    |
| 1880                                 | 375,000   | 844,100    | 1909  | 10,772,400  | 14,206,012    |
| 1881                                 | 706,744   | 1,590,178  | 1910  | 12,104,887  | 17,026,934    |
| 1882                                 | 1,161,479 | 2,388,328  | 1911  | 10,197,000  | 14,747,764    |
| 1883                                 | 1,220,593 | 2,766,584  | 1912  | 11,016,948  | 16,345,336    |
| 1884                                 | 1,130,024 | 2,542,554  | 1913  | 9,268,939   | 14,035,090    |
| 1885                                 | 1,398,796 | 3,051,589  | 1914  | 8,201,423   | 13,601,718    |
| 1886                                 | 1,436,211 | 3,215,594  | 1915  | 8,715,397   | 13,599,264    |
| 1887                                 | 1,791,735 | 3,941,817  | 1916  | 10,522,185  | 16,964,104    |
| 1888                                 | 2,185,477 | 4,808,049  | 1917  | 12,515,305  | 27,669,129    |
| 1889                                 | 2,400,629 | 3,843,992  | 1918  | 12,658,055  | 33,404,743    |
| 1890                                 | 3,075,781 | 4,344,196  | 1919  | 10,406,543  | 28,748,534    |
| 1891                                 | 3,512,632 | 4,800,000  | 1920  | 12,514,693  | 42,829,000    |
| 1892                                 | 3,771,234 | 5,685,112  | 1921  | 9,141,947   | 32,377,000    |
| 1893                                 | 3,947,056 | 5,104,602  | 1922  | 10,003,610  | 31,701,000    |
| 1894                                 | 3,021,928 | 4,078,000  | 1923  | 10,346,218  | 33,299,000    |
| 1895                                 | 3,339,495 | 4,519,000  | 1924  | 10,501,088  | 32,133,000    |
| 1896                                 | 3,371,633 | 4,560,000  | 1925  | 10,440,387  | 31,321,000    |
| 1897                                 | 3,565,660 | 4,475,000  | 1926  | 10,616,760  | 31,850,000    |
| 1898                                 | 4,174,037 | 5,215,000  | 1927  | 9,781,580   | 34,235,530    |
| 1899                                 | 4,826,939 | 5,363,667  | 1928  | 9,921,585   | 34,725,547    |
|                                      |           |            | 1929  | 9,934,064   | 27,318,676    |
|                                      |           |            | 1930  | 8,238,094   | 22,654,758    |
|                                      |           |            | Total | 352,971,720 | \$735,121,708 |

**SUMMARY OF STATE COAL MINING INDUSTRY**  
(From Records of the 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                       | 84,263                                | 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                      |
| Average... | 10,206,577            | 12,574              | 68.7                   | 5.46                      | 148,568                               | 246                      |



**COAL PRODUCTION BY COUNTIES**  
(From the Report of the State Coal Mine Inspector)

| COUNTY         | Tons<br>1920* | Tons<br>1926 | Tons<br>1927 | Tons<br>1928 | Tons<br>1929 | Tons<br>1930 |
|----------------|---------------|--------------|--------------|--------------|--------------|--------------|
| Archuleta..... | .....         | 1,106        | 414          | 515          | 408          | 948          |
| Boulder.....   | 1,230,347     | 600,849      | 433,661      | 434,995      | 479,643      | 428,051      |
| Delta.....     | 123,478       | 69,838       | 87,883       | 68,745       | 72,273       | 70,323       |
| Dolores.....   | .....         | 5,220        | 9,200        | 8,354        | 11,732       | 6,085        |
| Elbert.....    | .....         | 3,254        | 3,615        | 4,249        | 3,003        | 2,158        |
| El Paso.....   | 379,869       | 352,300      | 349,386      | 352,589      | 361,595      | 345,344      |
| Fremont.....   | 874,766       | 572,631      | 449,769      | 480,069      | 526,927      | 411,455      |
| Garfield.....  | 28,507        | 31,292       | 30,654       | 33,498       | 44,430       | 33,841       |
| Gunnison.....  | 620,632       | 566,315      | 555,837      | 460,805      | 521,401      | 498,724      |
| Huerfano.....  | 2,448,733     | 1,967,437    | 1,814,629    | 1,800,105    | 1,783,744    | 1,374,491    |
| Jackson.....   | 50,905        | 59,192       | 69,799       | 66,832       | 56,318       | 48,762       |
| Jefferson..... | 176,427       | 102,416      | 79,380       | 101,169      | 98,755       | 121,085      |
| La Plata.....  | 132,497       | 102,998      | 92,215       | 89,701       | 74,464       | 57,011       |
| Las Animas.... | 4,345,110     | 3,299,803    | 3,231,872    | 2,944,211    | 2,564,897    | 1,970,599    |
| Mesa.....      | 174,801       | 127,096      | 118,495      | 163,861      | 118,567      | 96,337       |
| Moffat.....    | 3,173         | 6,196        | 5,357        | 7,396        | 6,025        | 8,445        |
| Montezuma....  | 4,147         | 6,156        | 7,928        | 7,399        | 6,663        | 6,456        |
| Montrose.....  | 2,105         | 1,091        | 1,346        | 1,354        | 1,278        | 3,470        |
| Ouray.....     | 500           | .....        | 250          | 373          | .....        | 1,180        |
| Pitkin.....    | 913           | 3,002        | 2,224        | 16,198       | 18,757       | 14,011       |
| Rio Blanco.... | 6,068         | 6,175        | 5,042        | 5,942        | 6,771        | 6,304        |
| Routt.....     | 966,912       | 917,717      | 921,614      | 928,855      | 1,006,740    | 837,801      |
| San Miguel.... | .....         | 1,047        | 1,096        | 1,057        | 557          | 1,433        |
| Weld.....      | 944,803       | 1,813,629    | 1,509,914    | 1,943,313    | 2,169,116    | 1,893,780    |
| Total.....     | 12,514,693    | 10,616,760   | 9,781,580    | 9,921,585    | 9,934,064    | 8,238,094    |

\*Year of peak output.

**OIL AND NATURAL GAS**

Colorado has the distinction of being the second oldest oil producing state in the United States and at the same time being among the latest to attract the attention of the oil operators of the country as a probable source of a considerable part of the nation's future crude oil supply.

This situation arises out of the fact that the oil industry of Colorado is divided into two distinct periods of development. The first period embraces the era from the first discovery in 1862 down to the time when the search for new fields had practically ceased. The second period opened in 1923, when some of the major producing companies of the country commenced an exploratory campaign which resulted in discoveries that promise to put the state in the front rank among the oil producers.

The first attempts to open up a supply of crude oil in Colorado were mostly economic failures. The second period has yielded more favorable results. Between the two periods the oil industry made rapid progress in development in the way of geological knowledge and in methods for drilling to greater depths, and this advance undoubtedly has been a big factor in changing the outlook for the future.

The first discovery of oil in Colorado in a well drilled for that purpose was made in the spring of 1862 by A. M. Cassidy, 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.

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 Rangely 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.

The present oil activity dates from 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.

Exploration up to the beginning of 1930 resulted in the discovery of 10 oil pools. 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 a third era in oil prospecting in the state.

The location of the producing 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.

A table is published herewith showing the extent of drilling operations and results by years beginning with 1926. Prior to the last named year no official records of exploration for oil were compiled by the state. The immigration department has compiled, however, such records as are available of wells drilled in earlier periods and

while these are incomplete they furnish an index to past drilling activities in the state. Logs of these wells are not available in many instances; some of them were drilled only to shallow depths and abandoned without making tests of the objective horizons, and many went only to horizons that were then considered likely to contain oil. In later years formations below those formerly drilled have been found productive in several areas of the state. This record, as far as the information is available, has been published in a separate volume entitled "Mineral, Oil and Shale Resources," copies of which may be obtained upon request to the department. Altogether, approximately 2,000 wells have been drilled in 42 counties of the state up to the present in search of oil.

The total production of crude oil in Colorado from 1862 to 1930, inclusive, a period of 69 years, was 25,994,034 barrels, with a value of \$27,321,774. The following table gives the gross output by years and the estimated value at the well:

#### 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    |
| 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    |

**PRODUCTION OF CRUDE OIL IN  
COLORADO—Continued**

| Year        | Barrels    | Value        |
|-------------|------------|--------------|
| 1920 .....  | 111,000    | \$ 199,000   |
| 1921 .....  | 108,000    | 182,000      |
| 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    |
| Total ..... | 25,994,034 | \$27,321,774 |

Note—Above figures up to 1925 are from reports of the U. S. geological survey. Figures for years beginning with 1925 were compiled by the state immigration department.

The number of producing wells in the state on December 31 of the year named and average production in barrels per well per day, as reported by the United States bureau of mines, was as follows:

| Year      | No. Wells | Av. Prod. |
|-----------|-----------|-----------|
| 1921..... | 80        | 3.2       |
| 1922..... | 75        | 3.2       |
| 1923..... | 60        | 3.5       |
| 1924..... | 70        | 25.8      |
| 1925..... | 80        | 64.1      |
| 1926..... | 130       | 60.3      |
| 1927..... | 170       | 51.7      |
| 1928..... | 210       | 39.9      |
| 1929..... | 220       | 30.0      |

The average production per well per day in Colorado compares with 7.4 barrels for the United States in 1926, 7.7 barrels in 1927, 7.6 barrels in 1928 and 8.4 barrels in 1929. Colorado's average per well per day was the highest in the country in 1926, third highest in 1927 and 1928 and fifth highest in 1929.

**NATURAL GAS**

Natural gas in commercial quantities has been developed on several structures in Colorado. The first major discovery was made by the Union Oil Company of California on November 11, 1923, in its No. 1 Buckeye, on the Wellington dome in Larimer county, this well making 82,000,000 cubic feet per day initial from the Muddy sand at 4,285 feet. In October 1926, the Somir Petroleum company's No. 1 Wilson, Sec. 22-12N-100, on the Hiawatha dome, came in at 2,200 feet, presumably in the Wasatch formation, as a 58,000,000-foot gas well. Lower horizons on this structure have since been proven for gas. Several gas wells making from 20,000,000 to 45,000,000 cubic feet per day have been drilled on the Thornburg dome in Township 3

North, Range 91 West, in Moffat county. Gas was discovered on the Bartram dome. 3 miles west of the Hiawatha dome in Moffat county, in 1929, the discovery well being drilled by the Texas Production company and having an aggregate flow from several horizons of 72,000,000 cubic feet per day at a total depth of 2,300 feet, but part of this flow was cased off before the well finally was completed. Carbon dioxide gas was found in the Muddy sand at 5,110 feet on the North McCallum dome in Jackson county by the Continental Oil company in December, 1926. This gas comes from the sand with a very high gravity crude oil. An experimental plant to separate the gas from the oil has been constructed at the well in connection with plans to manufacture "dry" ice for industrial uses. Gas in limited quantities is being produced on the Garcia dome in Township 34 South, Range 62 West, in Las Animas county, and helium gas also is produced on the Model dome in this county whenever there is a market for same. Two gas wells producing from 800,000 to 1,000,000 cubic feet a day have been drilled on the Berthoud dome, three miles west of the town of Berthoud, in Larimer county, and there are two gas wells on the Rangeley dome, commercial in quantity. In 1930 the Mountain Fuel Supply company discovered a new gas field on the Powder Wash dome in northern Moffat county, the well making 34,000,000 cubic feet per day initial. Other discoveries have been made in various areas of the state, but do not rank in importance with those named.

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 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 in Fremont county. The Colorado-Wyoming Gas company constructed in 1929 an extension of 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 Standard Oil company of



Colorado is marketing some gas from the Berthoud dome. The Western Public Service 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. This line eventually is to be extended into southern Idaho, 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. Further extensions of these systems to supply gas to various Colorado communities are either under way or shortly to be constructed.

### PRODUCING OIL POOLS IN JANUARY, 1931

| POOL                       | County        | Date Opened  | Av. Gr. of Oil | Depth to Sands (feet)   | Producing Formations                          | No. Wells Jan. 1, 1930 | Av. Daily Production Jan., 1931 |
|----------------------------|---------------|--------------|----------------|-------------------------|---|------------------------|---------------------------------|
| Fort Collins---            | Larimer-----  | 1924         | 37.5           | 4,550                   | Dakota-----                                   | 15                     | 286                             |
| Wellington---              | Larimer-----  | 1923         | 33.5           | 4,400                   | Dakota-----                                   | 22                     | 359                             |
| Moffat-----                | Moffat-----   | 1924         | 41.6<br>38.0   | 3,800<br>4,200<br>4,400 | Dakota-----<br>Morrison-----<br>Sundance----- | 11                     | 1,020                           |
| Iles-----                  | Moffat-----   | 1927         | 32.5           | 3,200<br>3,400          | Morrison-----<br>Sundance-----                | 15                     | 997                             |
| Florence-<br>Canon City--- | Fremont-----  | 1887<br>1926 | 31.0           | 1,000<br>2,300          | Pierre<br>shale-----                          | 146                    | 498                             |
| Walden-----                | Jackson-----  | 1926         | 54.0           | 5,100                   | Dakota-----                                   | 1                      | 0                               |
| Tow Creek---               | Routt-----    | 1924         | 36.0           | 2,500<br>to<br>3,100    | Shale<br>above<br>Dakota-----                 | 15                     | 382                             |
| Rangely-----               | Rio Blanco--- | 1902         | 52.0           | 600                     | Mancos<br>shale-----                          | 4                      | 90                              |
| Boulder-----               | Boulder-----  | 1901         | ---            | 2,500                   | Shale-----                                    | 7                      | 19                              |
| Berthoud-----              | Larimer-----  | 1925         | 40.0           | 3,750                   | Dakota-----                                   | 1                      | 14                              |
| Greasewood---              | Weld-----     | 1930         | 42.0           | 6,650                   | Dakota (?)-----                               | 1                      | 350                             |
| Total-----                 | -----         | ----         | ----           | ----                    | -----   | 238                    | 4,515                           |

### 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        |

**PRODUCTION OF CRUDE OIL, 1930, BY MONTHS AND FIELDS, IN BARRELS**

Note—Figures in this table are based on oil marketed and do not include crude used in the field.

| MONTH          | Fort Collins | Wellington | Moffat  | Iles'   | Florence-<br>Canon<br>City |
|----------------|--------------|------------|---------|---------|----------------------------|
| January.....   | 8,773        | 43,997     | 26,072  | 33,035  | 13,652                     |
| February.....  | 9,676        | 36,984     | 32,191  | 28,362  | 23,901                     |
| March.....     | 9,502        | 37,259     | 30,395  | 30,250  | 19,662                     |
| April.....     | 9,013        | 33,521     | 28,474  | 28,526  | 17,414                     |
| May.....       | 9,321        | 33,576     | 27,729  | 31,296  | 18,486                     |
| June.....      | 9,341        | 31,014     | 28,280  | 31,370  | 17,351                     |
| July.....      | 7,796        | 29,101     | 35,101  | 34,790  | 16,327                     |
| August.....    | 9,284        | 28,346     | 31,049  | 33,714  | 15,536                     |
| September..... | 8,660        | 26,650     | 28,694  | 31,377  | 15,247                     |
| October.....   | 9,256        | 26,910     | 33,998  | 32,126  | 14,541                     |
| November.....  | 9,803        | 24,862     | 30,395  | 29,338  | 14,264                     |
| December.....  | 11,710       | 24,375     | 30,173  | 24,176  | 13,037                     |
| Totals.....    | 112,135      | 376,595    | 362,551 | 368,360 | 199,418                    |

| MONTH          | Tow<br>Creek | Rangely | Berthoud | Boulder | Grease-<br>wood | Total     |
|----------------|--------------|---------|----------|---------|-----------------|-----------|
| January.....   | 16,580       | 2,790   | 434      | 589     | .....           | 145,922   |
| February.....  | 12,248       | 2,520   | 392      | 532     | .....           | 146,806   |
| March.....     | 12,603       | 2,790   | 434      | 589     | .....           | 143,484   |
| April.....     | 14,271       | 2,700   | 420      | 570     | .....           | 134,909   |
| May.....       | 12,707       | 2,790   | 434      | 589     | .....           | 136,928   |
| June.....      | 12,278       | 2,700   | 420      | 570     | .....           | 133,324   |
| July.....      | 12,262       | 2,790   | 434      | 589     | .....           | 139,190   |
| August.....    | 11,303       | 2,790   | 434      | 589     | .....           | 133,045   |
| September..... | 10,934       | 2,700   | 420      | 570     | .....           | 125,252   |
| October.....   | 11,951       | 2,790   | 434      | 589     | .....           | 132,595   |
| November.....  | 10,434       | 2,700   | 420      | 570     | 4,638           | 127,424   |
| December.....  | 13,165       | 2,790   | 434      | 589     | 8,659           | 129,108   |
| Totals.....    | 150,736      | 32,850  | 5,110    | 6,935   | 13,297          | 1,627,987 |

**CRUDE OIL PRODUCTION BY FIELDS AND YEARS IN BARRELS**

| FIELD                      | 1930        | 1929        | 1928        | 1927        | 1926        | 1925        |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Fort Collins..             | 112,135     | 159,228     | 241,830     | *1,161,332  | 466,931     | 353,463     |
| Wellington ..              | 376,595     | 662,998     | 790,210     | (*)         | 754,044     | 72,591      |
| Moffat .....               | 362,551     | 410,430     | 442,530     | 663,810     | 1,167,184   | 589,440     |
| Iles .....                 | 368,360     | 503,366     | 596,040     | 248,200     | 23,486      | 6,037       |
| Florence-<br>Canon City..  | 199,418     | 336,825     | 451,510     | 293,844     | 95,902      | 102,545     |
| Tow Creek...               | 150,736     | 172,492     | 189,960     | 263,462     | 139,720     | 42,001      |
| Rangely ....               | 32,850      | 19,090      | 23,800      | 36,500      | 36,500      | 36,500      |
| Boulder ....               | 6,935       | 8,325       | 9,310       | 9,125       | 9,125       | 9,125       |
| Walden .....               | .....       | 969         | 4,870       | 46,397      | .....       | .....       |
| Berthoud ....              | 5,110       | .....       | .....       | .....       | .....       | .....       |
| Greasewood..               | 13,297      | .....       | .....       | .....       | .....       | .....       |
| Totals ....                | 1,627,987   | 2,273,723   | 2,750,060   | 2,722,670   | 2,692,892   | 1,211,702   |
| Est. value...              | \$1,242,257 | \$2,120,425 | \$2,655,670 | \$2,611,058 | \$4,577,916 | \$1,817,558 |
| Av. value<br>per bbl.(a) . | \$0.76      | \$0.93      | \$0.97      | \$0.96      | \$1.70      | \$1.50      |

(\*)Wellington and Fort Collins productions for 1927 are combined under "Fort Collins."

(a) These averages, based on the posted and contract prices, vary slightly from the averages of the U. S. Bureau of Mines.

Note—Rangely and Boulder output is estimated.

**WELLS COMPLETED OR ABANDONED IN 1930**  
 (Wells completed in 1929 are listed in the 1930 Year Book)

| Well Number and County       | Location   | Operator                      | Result        | Depth<br>(Feet) |
|------------------------------|------------|-------------------------------|---------------|-----------------|
| <b>ARAPAHOE:</b>             |            |                               |               |                 |
| Shaffer No. 1-----           | 21-4S-67   | H. Brown Cannon, et al....    | Abandoned---- | 760             |
| <b>ARCHULETA:</b>            |            |                               |               |                 |
| Crowley No. 1-----           | 2-32N-2E   | Standard Oil of Colo.-----    | Gas-----      | 405             |
| <b>BENT:</b>                 |            |                               |               |                 |
| Pipe Spring No. 1-----       | 27-27-49   | Continental Oil Co.-----      | Abandoned---- | 6,084           |
| <b>BOULDER:</b>              |            |                               |               |                 |
| Anderson No. 1-----          | 18-3N-70   | Reliance Oil Co.-----         | Abandoned---- | 2,320           |
| Erickson No. 1-----          | 33-2N-70   | Reliance Oil Co.-----         | Abandoned---- | 3,150           |
| <b>DOUGLAS:</b>              |            |                               |               |                 |
| Cannon No. 1-----            | 11-9S-68   | Perry Park Oil & Gas Co....   | Abandoned---- | 2,002           |
| <b>FREMONT:</b>              |            |                               |               |                 |
| No. 6-----                   | 15-20-69   | Wallace Oil & Ref. Co.-----   | Abandoned---- | 2,500           |
| No. 7-----                   | 15-20-69   | Wallace Oil & Ref. Co.-----   | Producer----- | 1,740           |
| Hassler No. 6-----           | 21-20-69   | Thomas A. Davis-----          | Producer----- | 2,700           |
| Beltramo No. 1-----          | 1-19-70    | Hammond & Rocco-----          | Abandoned---- | 2,548           |
| Tiger No. 1-----             | 26-19-69   | Standard Oil of Colo.-----    | Abandoned---- | 1,604           |
| Shaw No. 1-----              | 2-19-70    | Continental Oil Co.-----      | Producer----- | 2,000           |
| McCandless No. 2-----        | 21-20-69   | Donnelly Bros., et al.-----   | Abandoned---- | 3,100           |
| Griffith No. 2-----          | Townsite   | M. L. Eno-----                | Abandoned---- | 1,600           |
| San Isabel No. 4-----        | 22-20-69   | Continental Oil Co.-----      | Producer----- | 2,360           |
| Beltramo No. 1-----          | 1-19-70    | Anderson Oil Co.-----         | Producer----- | 2,275           |
| Hall No. 1-----              | 2-18-69    | Courtney and Norwood-----     | Abandoned---- | 1,200           |
| Constantino No. 1-----       | 3-19-70    | Anderson Oil Co.-----         | Producer----- | 3,600           |
| Beltramo No. 2-----          | 1-19-70    | Anderson Oil Co.-----         | Producer----- | 2,580           |
| Travis No. 23-----           | 28-20-69   | Vogel-Raddatz Corp.-----      | Abandoned---- | 2,800           |
| Cafky No. 1-----             | 16-20-69   | Donnelly Brothers-----        | Abandoned---- | 2,580           |
| Melvina Steigmier No. 4----- | 35-18-70   | Continental Oil Co.-----      | Abandoned---- | 2,400           |
| Empire Zinc No. 2-----       | 8-19-70    | Continental Oil Co.-----      | Abandoned---- | 2,725           |
| Travis No. 22-----           | 28-20-69   | Vogel-Raddatz Corp.-----      | Producer----- | 2,610           |
| Giovannini No. 1-----        | 1-19-70    | Continental Oil Co.-----      | Abandoned---- | 2,650           |
| No. 1-----                   | 16-19-70   | Cannon-Reliance Fuel Co....   | Abandoned---- | 4,015           |
| Griffith No. 1-----          | 5-20-69    | M. L. Eno, et. al.-----       | Abandoned---- | 3,125           |
| <b>GARFIELD:</b>             |            |                               |               |                 |
| Smith No. 1-----             | 8-8S-102   | Fulton Petroleum Co.-----     | Gas-----      | 2,857           |
| <b>HUERFANO:</b>             |            |                               |               |                 |
| No. 1-----                   | 5-29S-69   | Ojo Exploration Co.-----      | Abandoned---- | 600             |
| Abeyta No. 1-----            | 31-27S-65  | Sporleder & Elliott-----      | Abandoned---- | 2,237           |
| <b>JACKSON:</b>              |            |                               |               |                 |
| Hendershot No. 1-----        | 2-6N-81    | Producers & Refiners Corp.--- | Abandoned---- | 4,255           |
| Rich No. 21-X-----           | 9-6N-80    | Midwest Refining Co.-----     | Abandoned---- | 4,500           |
| <b>LARIMER:</b>              |            |                               |               |                 |
| Hoffman No. 1-----           | 23-4N-70   | Continental Oil Co.-----      | Abandoned---- | 1,510           |
| Hertha No. 1-----            | 21-4N-69   | Standard Oil Co. of Colo.---  | Gas-----      | 2,830           |
| Scott No. 5-----             | 6-9N-68    | Continental Oil Co.-----      | Producer----- | 4,315           |
| Barrows No. 1-----           | 7-11N-68   | Stanley Barrows, et. al.----- | Abandoned---- | 2,375           |
| Scott No. 4-----             | 6-9N-68    | Continental Oil Co.-----      | Producer----- | 4,410           |
| <b>LAS ANIMAS:</b>           |            |                               |               |                 |
| Flonz No. 1-----             | 23-32S-63  | Trinidad Development Co.---   | Abandoned---- | 2,960           |
| Morris-Cowdrey No. 3-----    | 35-29S-60  | Helium Company-----           | Gas-----      | 1,152           |
| Hall No. 1-----              | 19-27S-59  | Helium Company-----           | Abandoned---- | 935             |
| <b>MOFFAT:</b>               |            |                               |               |                 |
| Knowlton No. 12-----         | 33-5N-91   | Texas Production Co.-----     | Producer----- | 4,592           |
| Berlin No. 1-----            | 19-12N-100 | Texas Production Co.-----     | Gas-----      | 2,645           |
| Lasher No. 1-----            | 25-12N-101 | Mountain Fuel Supply Co.---   | Gas-----      | 2,756           |
| Parkinson No. 19-SD-----     | 22-4N-92   | Midwest Refining Co.-----     | Producer----- | 3,462           |
| Knowlton No. 6-----          | 10-4N-91   | Texas Production Co.-----     | Producer----- | 4,543           |
| Hannewalt No. 24-----        | 4-6N-92    | Midwest Refining Co.-----     | Gas-----      | 3,040           |
| Williams No. 1-----          | 2-3N-92    | Thomas McLaughlin, et. al.--- | Abandoned---- | 4,515           |
| <b>MONTEZUMA:</b>            |            |                               |               |                 |
| Haller No. 3-----            | 33-36-14   | Mesa Verde Ranch Co.-----     | Abandoned---- | 900             |
| Haller No. 2-----            | 33-36-14   | Mesa Verde Ranch Co.-----     | Gas-----      | 720             |
| Haller No. 1-----            | 29-36-14   | Mesa Verde Ranch Co.-----     | Gas-----      | 764             |
| <b>PUEBLO:</b>               |            |                               |               |                 |
| Hedland No. 1-----           | 7-23S-67   | Beulah Dome Syndicate-----    | Abandoned---- | 1,005           |



**WELLS COMPLETED OR ABANDONED IN 1930—Continued**  
(Wells completed in 1929 are listed in the 1930 Year Book)

| Well Number and County | Location  | Operator                    | Result         | Depth (Feet) |
|------------------------|-----------|-----------------------------|----------------|--------------|
| <b>RIO BLANCO:</b>     |           |                             |                |              |
| Fordham No. 1-A-----   | 9-2S-96   | Magnolia Petroleum Co.----- | Gas-----       | 5,130        |
| Patent No. 1-----      | 31-2N-102 | Brigman Petroleum Co.-----  | Abandoned----- | 680          |
| Patent No. 2-----      | 31-2N-102 | Brigman Petroleum Co.-----  | Producer-----  | 681          |
| <b>ROUTT:</b>          |           |                             |                |              |
| Carstarphen No. 4----- | 5-6N-86   | Texas Production Co.-----   | Producer-----  | 3,485        |
| <b>WELD:</b>           |           |                             |                |              |
| Patterson No. 1-----   | 24-6N-61  | Platte Valley Pet. Co.----- | Producer-----  | 6,647        |
| <b>YUMA:</b>           |           |                             |                |              |
| Andrews No. 1-----     | 3-2S-42   | Phillips Petroleum Co.----- | Abandoned----- | 4,905        |

Number of wells completed in 1930: Oil wells, 16; gas wells, 10; dry and abandoned, 31; total, 57. Total footage drilled, 152,839 feet. Initial production of oil wells, 1,752 barrels per day; of gas wells, 84,796,000 cubic feet.

**FUEL OIL DISTRIBUTION IN COLORADO**

(Compiled from surveys of gas-oil and fuel-oil distribution in the United States made by the United States Bureau of Mines, co-operatively with the American Petroleum Institute. Quantities are in barrels of 42 gallons each.)

| USES                                | 1929    | 1928    | 1927    | 1926    |
|-------------------------------------|---------|---------|---------|---------|
| Railroads .....                     | 19,065  | 17,900  | 19,883  | 11,107  |
| Gas and electric power plants.....  | 24,467  | 60,420  | 83,270  | 94,241  |
| Smelters and mines.....             | 18,115  | 16,493  | 62,928  | 9,419   |
| Steel mills and foundries.....      | 53,310  | 276,014 | 443,425 | 146,559 |
| Automotive industries.....          | 2,246   | 144     | .....   | 476     |
| Textiles and their products.....    | 245     | .....   | .....   | .....   |
| Chemical and allied industries..... | 285     | 432     | 165     | .....   |
| Sugar refineries.....               | .....   | .....   | .....   | 6,190   |
| Cement and lime plants.....         | 2,752   | 344     | 216     | 152     |
| Ceramic industries.....             | 28,327  | 41,680  | 50,093  | 49,429  |
| Commercial heating.....             | 4,934   | 754     | 35,847  | .....   |
| Domestic heating.....               | 73,803  | 9,435   | 2,500   | 2,157   |
| Food industries.....                | 53,083  | 28,876  | 30,871  | .....   |
| Other manufacturing.....            | 5,984   | 3,538   | 2,539   | 7,093   |
| Used as fuel by oil companies.....  | 147,800 | 125,205 | 89,252  | 80,869  |
| Miscellaneous .....                 | 11,543  | 4,380   | 63,019  | 12,778  |
| Totals .....                        | 445,959 | 585,615 | 884,008 | 420,470 |

**NATURAL GAS PRODUCED AND CONSUMED IN COLORADO**

(From Reports of U. S. Bureau of Mines)

|                                   | 1928        | 1927      | 1926      | 1925     |
|-----------------------------------|-------------|-----------|-----------|----------|
| Quantity produced, M cu. ft.....  | 2,931,000   | 1,725,400 | 553,800   | 574,400  |
| Estimated value at wells:         |             |           |           |          |
| Total value.....                  | \$293,000   | \$173,000 | \$50,000  | \$61,000 |
| Average val. per M cu. ft. (cts.) | 10.0        | 10.0      | 9.0       | 10.6     |
| Value at point of consumption:    |             |           |           |          |
| Total value.....                  | \$786,000   | \$290,000 | \$130,000 | \$61,100 |
| Average val. per M cu. ft. (cts.) | 26.8        | 16.8      | 23.5      | 10.6     |
| Gas consumed:                     |             |           |           |          |
| Quantity, M cu. ft.....           | 6,347,000   | 1,544,000 | 503,800   | 574,400  |
| Value at point of consumption..   | \$1,847,000 | \$277,000 | \$125,000 | \$61,100 |
| Average val. per M cu. ft. (cts.) | 29.1        | 17.9      | 24.8      | 10.6     |

Note—Gas produced and delivered to consumers includes deliveries in other states, and gas consumed includes receipts from other states.

## PETROLEUM REFINERIES

There are four petroleum refineries in Colorado. The largest is at Florence and is owned by the Continental Oil company. It is a complete plant with a daily crude oil capacity of 3,000 barrels, taking off the lighter cuts and recovering wax, lubricants and other products. Included in the equipment are Burton cracking stills with a capacity of 1,500 barrels per day. The Texas company operates a complete plant at Craig, with a daily crude capacity of 1,500 barrels a day and Holmes-Manley cracking stills with a capacity of 1,000 barrels. The Raven Oil & Refining company has a 200-barrel skimming plant at Rangely which operates on crude produced in the field where it is located. In 1930 the Continental Oil company constructed a new refinery in Denver with a charging capacity of 1,500 barrels of crude oil per day and a Cross cracking unit with a daily capacity of 800 barrels.

## 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 barrels, of which 47,625,598,000 barrels is

recoverable. In arriving at these figures Mr. Winchester adopted the following limiting factors:

No oil shale less than one foot in thickness is considered minable.

No shale which will yield less than 15 gallons of oil to the ton is considered minable.

No oil shale which will yield less than 3,000 barrels of shale oil per acre of shale land is considered minable.

It was also assumed that not more than 60 per cent of the shale in the ground will reach the retorts and be treated, although in the best operations, using the most economical wholesale mining methods, this percentage doubtless will be very greatly increased and it is not at all impossible that 95 per cent of the shale included in the estimates will be treated. At the present rate of production of crude oil, Mr. Winchester's estimate of recoverable oil in the Colorado shales alone is equal to the entire output of crude oil in the United States for a period of 50 years.

Production of oil from shale has been in progress in Scotland and other European countries for many years upon a profitable basis, but it is a comparatively new and undeveloped industry in this country, though considerable progress has been made in recent years in working out processes, acquiring shale lands and other preliminary operations. Many of the larger oil producing and refining companies of the country have extensive investments in Colorado oil shale land which they are holding for development at such time as the price of crude oil and the demands of the industry justify the operation of the properties.

The federal government has two shale reserves in Colorado, which were set aside primarily with a view to insuring an ample 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 3,880 acres in No. 1 reserve have been restored to the public domain, as investigations disclosed that the acreage is not oil shale land.

The federal government has been active in experimenting with methods and developing processes for the recovery of oil from shale, and in 1926 placed in operation on one of its reserves at Rulison a plant equipped with a full-sized Pumpherson retort of the Scottish type and another of American development and make. In this plant the shale was handled in a small way the same as the product would be worked by a larger unit, so that actual results in the recovery of oil, the cost of mining, transporting and crushing the shale, and other details can be determined. This was followed by the construction at Boulder by the bureau of mines, in co-operation with the state government, of a small refinery for the treating of crude oil from the Rulison plant to recover gasoline and other products. The Rulison plant commenced producing oil on September 17, 1926, and at a subsequent date runs of oil were made in the refinery at Boulder. Small quantities of the crude were supplied by the government to private operators for experimental refining purposes. The operation subsequently was discontinued.

The principal hindrance to development has been the low price of well oil compared with the cost of producing oil from shale. The cost of the latter has been computed mostly on a theoretical basis, due to the very limited number of commercial plants actually operated, and the government plant was constructed principally for the purpose of determining these factors by actual operations.

Colorado's oil shales are found principally in what is known as the Green River formation. Tests made by the United States geological survey have shown a recovery of 10 to 68 gallons of oil from a ton of shale. Many by-products are recoverable from shale, among which is ammonium sulphate. The survey estimates that 300,000,000 tons of that product can be recovered in the process of recovering the other contents.

## STONE AND OTHER NON-METALS

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.

Sandstone, granites and basalts are, perhaps, most abundant, but marbles, lavas, abrasives, limestones, slates and shale are common. The value of stone sold or used by producers in the years named as reported by the United States bureau of mines, was as follows:

|                | 1926         | 1927         | 1928         |
|----------------|--------------|--------------|--------------|
| Stone -----    | \$1,107,867  | \$ 975,953   | \$ 933,241   |
| Granite -----  | 194,386      | 179,591      | 205,785      |
| Limestone ---- | 740,138      | 681,742      | 563,215      |
| Sandstone --   | 71,085       | 77,004       | 69,470       |
| Total -----    | *\$2,113,476 | *\$1,914,290 | *\$1,771,711 |

\*Does not include basalt, marble and miscellaneous.

The value of the output of stone, granite, limestone and sandstone by years is as follows:

|            |             |
|------------|-------------|
| 1920 ..... | \$1,621,180 |
| 1921 ..... | 1,111,954   |
| 1922 ..... | 1,111,388   |
| 1923 ..... | 1,485,369   |
| 1924 ..... | 2,114,960   |
| 1925 ..... | 1,733,842   |
| 1926 ..... | 2,113,476   |
| 1927 ..... | 1,914,290   |
| 1928 ..... | 1,771,711   |

In 1928 there were 43 active plants producing stone, eight producing granite, 17 producing limestone and 13 producing sandstone.

Sandstone, granite and marble have been extensively quarried for building purposes and the last two are widely used for interior decorating and monumental purposes. The most extensive marble deposits are in Gunnison county, near the town of Marble. Several large buildings in Denver are constructed of marble from that district, as are also the Lincoln Memorial in the nation's capital, New York City's municipal building, and structures in other large cities. The deposits are said to be the largest in the world. In 1928, this stone was used for the exterior of the Huntington mausoleum and the inside of the Sunnyside and Woodlawn mausoleums in Los Angeles.

Minerals used in the manufacture of cement are being developed in the state on an extensive scale. Figures on production are not segregated, but annual output is in excess of \$3,000,000 in value. Brick clay is found in almost every county in the state and has been dug to some extent in at least two-thirds of the counties. The importance of this industry is indicated by the census bureau's figures on manufactures for 1925, which credit Colorado with 30 establishments engaged in manufacturing clay products (other than pottery) and non-clay refractories. These establishments em-



played an average of 1,182 wage earners, distributed \$1,414,974 in wages, and had an output of products valued at \$4,351,749. In addition, there were four plants producing pottery and porcelain ware, with an output of products valued at \$287,820. Fire clay, plastic clay and kaolin, also, are widely distributed.

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.

**Kaolin**—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.

**Onyx**—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.

## COKE PRODUCTION

The production of coke in Colorado in the calendar year of 1930 as reported by the state coal mine inspector was 458,443 tons, which compares with 722,072 tons, a decrease of 263,629 in 1929, and 750,022 tons, a decrease of 301,579 tons, in 1928. There were 295½ coke ovens in operation in 1930, compared with 562 in 1929 and 493 in 1928. Coal used in producing coke in 1930 was 687,800 tons and in 1929 was 1,103,308 tons, and in 1928 was 1,265,105 tons. The average number of men employed at the coke ovens was 76 in 1930, 104 in 1929 and 208 in 1928.

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 1917, when the total was 1,112,449 tons.

By-product coke ovens have been gradually replacing the old bee-hive type in the state, and as a result of this change the output of benzol, ammonium sulphate and other by-products has been steadily increasing. In 1929 the Colorado Fuel & Iron company appropriated \$1,100,000 for the construction of 42 additional by-product ovens and auxiliary equipment, which brought the total number operated by that company alone up to 162.

Operations by calendar years were 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 | 559       | 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 | 295½      | 687,800        | 458,443   |

## Colorado's Educational System

COLORADO ranks favorably among the states of the Union in educational facilities and in some specialized lines it stands near the top of the list. The state has a large and elaborate public school system, which is undergoing rapid extension. In addition, it has a number of colleges, universities and professional schools for the higher education of students and numerous commercial and business colleges, nurses' training schools and parochial schools and private institutions offering specialized courses in music, the arts and sciences.

Illiteracy, the inability to read or write any language, is steadily declining in the state as shown by the federal census, due, in a large measure, to the state's excellent educational system. In 1920 the percentage of illiterates 10 years of age and over was only 3.2 per cent, compared with 3.7 per cent in 1910 and 4.2 per cent in 1900. The 3.2 per cent illiteracy in Colorado in 1920 compares with 6.0 per cent for the entire country. Twenty-nine states had a larger per cent of illiterates in that year than Colorado, while 18 states had a smaller per cent.

The enrollment in the schools, colleges and universities of the state in the school year of 1929-1930 was 277,643, or 26.8 per cent of the entire population of the state. This is exclusive of duplications, summer schools and commercial and business schools. There are several of the latter in the state for which reliable statistics are not available. There was a decrease of 2,714 in the number enrolled in 1929-1930 as compared with 1928-1929, in which school year there was an increase of 5,130 over 1927-1928. This increase was accounted for in part by the inclusion of two institutions with an enrollment of 204 in the tabulations for 1928-1929 which were not in the figures for the preceding school year.

Enrollment by sexes is about evenly divided. In the school year of 1929-1930 there were 2,691 more males than females, which compares with 1,821 more females than males in 1928-1929 and 2,518 more males than females in 1927-1928.

Enrollment by sex and classes of institutions for the school year of 1929-1930, with comparisons, was as follows:

|   | Male    | Female  | Total   |
|---|---------|---------|---------|
| Public schools.....                                 | 127,984 | 124,734 | 252,718 |
| State controlled colleges and universities.....     | 4,085   | 3,234   | 7,319   |
| Privately controlled colleges and universities..... | 2,262   | 2,491   | 4,753   |
| Parochial, etc.....                                 | 5,836   | 7,017   | 12,853  |
| Total.....  | 140,167 | 137,476 | 277,643 |
| 1928-1929.....                                      | 139,268 | 141,089 | 280,357 |
| 1927-1928.....                                      | 138,873 | 136,354 | 275,227 |
| 1926-1927.....                                      | *       | *       | 274,637 |
| 1925-1926.....                                      | *       | *       | 278,696 |
| 1924-1925.....                                      | *       | *       | 266,938 |

\*Not segregated for these years.

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 1930, in which there were enrolled 8,825 students, of whom 2,586 were male and 6,239 were female. This was equal to 77.1 per cent of the total enrollment in the preceding regular school year. The total summer school enrollment of these institutions was 8,680 in 1929 and 8,522 in 1928. Three institutions in 1930 had a larger enrollment for the summer schools than in the regular school year of 1929-1930.

The value of all property in the state used for educational purposes, based on inventories of state institutions and investment in public schools and private colleges and universities, is estimated at close to \$90,000,000. Information on private and parochial schools is not available, but the principal items from which the total estimate is made are as follows:

|   |              |
|---|--------------|
| Public schools (1930).....                    | \$62,147,540 |
| State universities and colleges (1930).....   | 16,052,420   |
| County high schools.....                      | 1,695,336    |
| Private universities and colleges (1928)..... | 5,479,373    |
| Total.....                                    | \$85,374,669 |

\*Includes value of libraries, grounds, buildings and equipment, but excludes productive funds amounting to \$5,225,615.

The cost of operating the educational institutions of the state, including both publicly and privately controlled, is estimated at \$40,000,000 annually. The expenditures for the public schools in 1930 amounted to \$26,213,618 and of state owned institutions in 1928, \$4,776,245. Data on private universities and colleges and parochial schools are not available, but estimated on a per capita basis at slightly less than the per capita costs of publicly controlled institutions, indicate an annual outlay of close to \$10,000,000.

The public schools, colleges, universities and private schools of all classes included in this summary reported a total of 11,170 instructors and teachers employed during the regular school year of 1929-1930, of whom 2,338 were men and 8,832 were women. These are exclusive of instructors and teachers employed in the summer schools. The figures by classes for 1929-1930 are as follows:

|   | Male  | Female | Total  |
|---|-------|--------|--------|
| Public schools . . . .                      | 1,675 | 8,070  | 9,745  |
| State colleges and universities . . . . .   | 406   | 167    | 573    |
| Private colleges and universities . . . . . | 215   | 111    | 326    |
| Parochial . . . . .                         | 42    | 484    | 526    |
| Total, 1929-30 . . . . .                    | 2,338 | 8,832  | 11,170 |
| Total, 1928-29 . . . . .                    | 2,377 | 8,616  | 10,993 |
| Total, 1927-28 . . . . .                    | 2,379 | 8,660  | 11,039 |
| Total, 1925-26 . . . . .                    | 2,469 | 8,565  | 11,034 |

Additional information on public schools, colleges and universities and private schools will be found in chapters under those headings.

### 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 2,041 school 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 three 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. 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 3,305 schools in the state in 1930, a high school, an elementary school and a kindergarten housed in the same building being counted as three schools. These are classified as follows:

|                                |       |
|--------------------------------|-------|
| Senior high schools . . . . .  | 322   |
| Junior high schools . . . . .  | 158   |
| Elementary schools . . . . .   | 690   |
| Kindergarten schools . . . . . | 56    |
| Rural schools . . . . .        | 2,079 |
| Total . . . . .                | 3,305 |

In 1930 there was a total of 3,208 school houses, classified as follows:

|                             |       |
|-----------------------------|-------|
| Sod, adobe or log . . . . . | 227   |
| Frame . . . . .             | 1,929 |
| Brick or stone . . . . .    | 1,052 |
| Total . . . . .             | 3,208 |

The number of school houses in use in 1930 was 2,989.

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 . . . . . | 2,029  | 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  |

\*Apparent decrease is due to failure of Washington county superintendent to report in 1926, that county reporting 121 schools and 313 buildings in 1925.



The total value of public school property in 1930, as reported by the state superintendent of public instruction, was \$62,147,540, of which \$50,169,294 was in buildings, \$5,430,655 was in land, and \$6,547,591 in equipment. The valuation placed upon school property by years and amount invested per pupil enrolled was as follows:

|           | 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    |

Receipts for school purposes, including county high schools, and the sources of revenue, for the year ending June 30, 1930, as reported by the state superintendent, were as follows:

|   |              |
|---|--------------|
| Balance on hand.....                      | \$ 3,426,306 |
| General fund, by apportionment.....       | 925,877      |
| County levy, teachers minimum salary..... | 5,848,944    |
| Special tax.....                          | 16,847,257   |
| Tuition.....                              | 506,030      |
| All other sources.....                    | 2,265,860    |
| Total.....                                | \$29,820,274 |

Disbursements for the same period were as follows:

|                             |              |
|-----------------------------|--------------|
| Teachers' salaries.....     | \$14,539,403 |
| Current expenses.....       | 6,250,305    |
| Permanent improvements..... | 1,790,813    |
| Library purposes.....       | 125,851      |
| Redemption of bonds.....    | 1,042,136    |
| Payment overdrafts.....     | 583,556      |
| Interest:                   |              |
| Bonds.....                  | 1,460,800    |
| Warrants.....               | 121,026      |
| Abatement and fees.....     | 299,727      |
| Total.....                  | \$26,213,617 |

Receipts, including balances on hand at the beginning of the fiscal year, and disbursements, by years, were as follows:

|           | Receipts     | Disbursements |
|-----------|--------------|---------------|
| 1925..... | \$27,158,849 | \$26,720,801  |
| 1926..... | 25,204,797   | 26,888,074    |
| 1927..... | 27,650,274   | 24,518,450    |
| 1928..... | 28,356,121   | 25,410,668    |
| 1929..... | 28,544,910   | 25,157,462    |
| 1930..... | 29,820,274   | 26,213,617    |

A table published herewith shows receipts and disbursements by counties. Total enrollment in the public schools in 1930 was 252,718, of which 127,984 were boys and 124,734 were girls, as follows:

|                          |         |
|--------------------------|---------|
| Senior high schools..... | 37,730  |
| Junior high schools..... | 26,847  |
| Grade schools.....       | 175,598 |
| Night schools.....       | 12,543  |
| Total.....               | 252,718 |

Total enrollment by years, with increases, is as follows:

| Year      | Enrollment | Increase |
|-----------|------------|----------|
| 1920..... | 229,508    | .....    |
| 1921..... | 232,757    | 3,249    |
| 1922..... | 243,004    | 10,247   |
| 1923..... | 249,813    | 6,809    |
| 1924..... | 247,195    | *2,618   |
| 1925..... | 255,115    | 7,920    |
| 1926..... | 250,087    | *5,208   |
| 1927..... | 251,615    | 528      |
| 1928..... | 251,131    | *484     |
| 1929..... | 256,134    | 5,003    |
| 1930..... | 252,718    | *3,416   |

\*Decrease.

A statement of the school fund derived from the sale and leasing of state land 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 of the years named were 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   |

The total indebtedness of the public school districts, exclusive of bonds for county high schools, on June 30, 1930, was \$32,743,730, of which \$30,266,091 was for bonds, and the remainder for registered and unregistered warrants. There is published elsewhere in this volume a detailed statement by counties of bonded indebtedness as of January 1, 1931.

The annual per capita cost of education in the public schools, as reported by the state superintendent of public instruction, based on enrollment and average attendance, is as follows:

| Year      | Enrollment | Attendance |
|-----------|------------|------------|
| 1921..... | \$ 70.56   | \$ 97.97   |
| 1922..... | 80.57      | 114.88     |
| 1923..... | 83.53      | 119.59     |
| 1924..... | 94.03      | 129.51     |
| 1925..... | 104.74     | 143.53     |
| 1926..... | 107.51     | 183.51     |
| 1927..... | 97.44      | 135.83     |
| 1928..... | 101.10     | 135.82     |
| 1929..... | 98.22      | 129.36     |
| 1930..... | 103.73     | 137.43     |

Tables published elsewhere in this volume show the value of public school property by counties, average yearly salaries of teachers by counties, receipts and disbursements of the public school system by counties, average annual per capita cost by counties, and the number of school districts, schools

and school buildings, number of teachers and population and enrollment statistics by counties.

### COLLEGES AND UNIVERSITIES

Among the principal universities, colleges and professional schools of the state devoted to higher education are the following:

| Name                     | Location         | Year of Opening |
|--------------------------|------------------|-----------------|
| University of Colorado   | Boulder          | 1877            |
| Agricultural college     | Fort Collins     | 1881            |
| School of Mines          | Golden           | 1874            |
| Western State college    | Gunnison         | 1909            |
| State Normal             | Alamosa          | 1925            |
| Teachers college         | Greeley          | 1890            |
| Fort Lewis School        | Hesperus         | 1911            |
| Colorado college         | Colorado Springs | 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 seven named above are publicly controlled and are mostly supported by legislative appropriations and state tax levies. The Agricultural college and State university derive some revenue from the sale and administration of school land grants made by the federal government for their benefit. These funds are administered through the state land board in the same manner as the public school land funds.

The number of students enrolled in the colleges and universities included in this survey for the regular school year 1929-1930, by sex, was as follows:

| Name                     | Male  | Female | Total  |
|--------------------------|-------|--------|--------|
| University of Colorado   | 2,065 | 1,146  | 3,211  |
| Agricultural college     | 941   | 366    | 1,307  |
| School of Mines          | 463   | ...    | 463    |
| Western State college    | 124   | 237    | 361    |
| State Normal             | 49    | 110    | 159    |
| Teachers college         | 404   | 1,334  | 1,738  |
| Fort Lewis School        | 39    | 41     | 80     |
| Colorado college         | 349   | 289    | 638    |
| Regis college            | 194   | ...    | 194    |
| Colorado Woman's college | ...   | 242    | 242    |
| University of Denver     | 1,565 | 1,766  | 3,331  |
| Loretto Heights college  | ...   | 171    | 171    |
| Iliff School of Theology | 54    | 8      | 62     |
| Westminster Law School   | 100   | 15     | 115    |
| Total                    | 6,347 | 5,725  | 12,072 |

Additional information concerning the expenditures, investment, etc., of state universities and colleges by

years will be found in another chapter on State Institutions and accompanying tables.

### PAROCHIAL SCHOOLS

The parochial school system in Colorado in the school year of 1929-1930 included 50 schools, employing 367 teachers and with a total enrollment of 11,293; four academies, employing 56 teachers and with a total enrollment of 470; two special schools for boys, employing 27 teachers and with an enrollment of 263; four orphan asylums, employing 52 teachers and with an enrollment of 667; and one industrial and reform school, employing 24 teachers and with an enrollment of 160. The total is 61 institutions, employing 526 teachers and with an enrollment of 12,853.

### PRIVATE COMMERCIAL AND BUSINESS SCHOOLS

Data on private commercial and business schools in the state are not included in the general summary of Colorado's educational system, due to the difficulty of compiling information that is comparable. Thirteen of these institutions reported to the federal bureau of education for the school year of 1924-1925. These schools had an enrollment of 4,861 students, of whom 3,118 were in the day courses and 1,743 in the night courses. The number of instructors and professors employed by these schools was 115, of whom 62 were men and 53 were women.

In addition to the public schools, universities, colleges and professional schools mentioned herewith, there are in the state a number of nurses' schools, law schools, theological universities, schools of music and art, and private business schools which are not included in this report.

### OTHER STATE SCHOOLS

In addition to the state educational institutions listed in this chapter Colorado carries on a definite program of education in separate institutions for the mute, the blind and the deaf. Likewise consistent educational programs are carried on at the industrial schools for boys and girls, the reform schools and various other institutions of involuntary confinement. The pupils in these schools are not counted, as they are included among the inmates of the institutions named, in the chapter under the heading "State Institutions."

VALUE OF PUBLIC SCHOOL PROPERTY, 1930, BY COUNTIES

(From records of Superintendent of Public Instruction)

| COUNTY            | Buildings       | Land            | Equipment       | Total           | Per Pupil Enrolled |
|-------------------|-----------------|-----------------|-----------------|-----------------|--------------------|
| Adams -----       | \$ 775,460.00   | \$ 45,280.00    | \$ 93,985.00    | \$ 914,725.00   | \$176.77           |
| Alamosa -----     | 318,285.24      | 36,320.00       | 44,943.78       | 399,549.02      | 176.90             |
| Arapahoe -----    | 725,578.07      | 101,371.04      | 77,695.95       | 904,645.06      | 179.65             |
| Archuleta -----   | 133,537.55      | 5,278.00        | 9,537.57        | 148,353.12      | 158.15             |
| Baca -----        | 333,336.00      | 16,632.00       | 37,033.17       | 387,001.17      | 130.00             |
| Bent -----        | 307,050.00      | 15,205.00       | 48,500.00       | 370,755.00      | 183.94             |
| Boulder -----     | 1,423,069.00    | 156,500.00      | 137,480.00      | 1,717,049.00    | 220.00             |
| Chaffee -----     | 236,200.00      | 12,125.00       | 29,636.00       | 277,961.00      | 170.00             |
| Cheyenne -----    | 250,100.00      | 14,095.00       | 59,030.00       | 323,225.00      | 308.28             |
| Clear Creek ----- | 149,600.00      | 8,495.00        | 13,097.00       | 171,192.00      | 372.15             |
| Conejos -----     | 233,650.00      | 10,725.00       | 51,000.00       | 345,375.00      | 117.00             |
| Costilla -----    | 79,475.00       | 6,335.00        | 14,895.00       | 100,705.00      | 70.00              |
| Crowley -----     | 530,430.00      | 23,905.00       | 57,325.00       | 611,660.00      | 350.00             |
| Custer -----      | 60,958.67       | 4,750.00        | 11,086.00       | 76,794.67       | 176.55             |
| Delta -----       | 618,986.00      | 47,005.00       | 68,350.76       | 734,341.76      | 164.76             |
| Denver -----      | 16,282,364.65   | 2,653,497.41    | 1,906,119.39    | 20,841,981.45   | 350.52             |
| Dolores -----     | 19,250.00       | 955.00          | 2,875.00        | 23,080.00       | 80.00              |
| Douglas -----     | 150,537.00      | 8,876.00        | 19,519.00       | 178,932.00      | 209.30             |
| Eagle -----       | 156,376.00      | 10,165.00       | 40,756.00       | 207,297.00      | 277.19             |
| Elbert -----      | 265,062.00      | 5,725.00        | 39,268.00       | 310,055.00      | 185.00             |
| El Paso -----     | 2,718,637.64    | 459,063.25      | 317,675.12      | 3,495,376.01    | 320.50             |
| Fremont -----     | 954,803.70      | 34,442.19       | 106,577.20      | 1,095,823.09    | 240.67             |
| Garfield -----    | 615,875.00      | 57,735.00       | 137,332.00      | 810,942.00      | 313.00             |
| Gilpin -----      | 45,640.00       | 2,180.00        | 6,850.00        | 54,670.00       | 217.80             |
| Grand -----       | 44,200.00       | 2,810.00        | 15,325.00       | 62,335.00       | 135.50             |
| Gunnison -----    | 477,427.00      | 13,350.00       | 29,247.00       | 520,024.00      | 438.60             |
| Hinsdale -----    | 11,000.00       | 1,050.00        | 1,000.00        | 13,050.00       | 124.30             |
| Huerfano -----    | 439,400.00      | 19,365.00       | 39,550.00       | 498,315.00      | 100.50             |
| Jackson -----     | 15,475.00       | 2,245.00        | 8,900.00        | 26,620.00       | 101.20             |
| Jefferson -----   | 985,855.00      | 73,775.00       | 122,135.00      | 1,181,765.00    | 311.49             |
| Kiowa -----       | 175,875.00      | 5,825.00        | 34,580.00       | 216,280.00      | 201.94             |
| Kit Carson -----  | 407,950.00      | 13,460.00       | 67,975.00       | 489,385.00      | 186.40             |
| Lake -----        | 117,401.00      | 625.00          | 26,142.20       | 144,168.20      | 160.15             |
| La Plata -----    | 614,220.12      | 59,612.95       | 73,724.89       | 747,557.96      | 213.00             |
| Larimer -----     | 1,538,731.00    | 209,161.00      | 174,973.40      | 1,922,865.40    | 220.00             |
| Las Animas -----  | 1,106,430.00    | 109,230.25      | 137,948.80      | 1,353,609.05    | 139.00             |
| Lincoln -----     | 380,950.00      | 10,688.00       | 64,071.00       | 455,709.00      | 163.30             |
| Logan -----       | 864,042.55      | 79,902.00       | 169,845.00      | 1,113,789.55    | 201.37             |
| Mesa -----        | 1,009,525.00    | 78,694.00       | 165,455.00      | 1,253,674.00    | 180.00             |
| Mineral -----     | 8,000.00        | 500.00          | 1,300.00        | 10,100.00       | 94.00              |
| Moffat -----      | 172,843.37      | 13,735.00       | 24,809.31       | 211,387.68      | 177.30             |
| Montezuma -----   | 197,850.00      | 20,200.00       | 42,690.00       | 260,740.00      | 131.10             |
| Montrose -----    | 486,100.00      | 26,855.00       | 75,375.00       | 588,330.00      | 172.18             |
| Morgan -----      | 1,037,217.00    | 83,430.00       | 145,907.00      | 1,266,554.00    | 145.35             |
| Otero -----       | 1,251,223.45    | 109,652.00      | 153,994.02      | 1,514,869.47    | 217.85             |
| Ouray -----       | 49,687.00       | 2,760.00        | 8,715.00        | 61,162.00       | 166.65             |
| Park -----        | 56,275.00       | 5,100.00        | 9,945.00        | 71,320.00       | 51.33              |
| Phillips -----    | 288,300.00      | 22,950.00       | 41,063.00       | 352,313.00      | 217.15             |
| Pitkin -----      | 87,500.00       | 8,851.50        | 9,700.00        | 106,051.50      | 270.00             |
| Prowers -----     | 698,479.35      | 30,372.00       | 101,079.35      | 829,930.70      | 194.75             |
| Pueblo -----      | 3,772,581.33    | 337,957.71      | 478,278.68      | 4,588,817.72    | 310.90             |
| Rio Blanco -----  | 153,050.00      | 12,000.00       | 18,650.00       | 183,700.00      | 278.00             |
| Rio Grande -----  | 551,988.80      | 31,850.00       | 112,875.00      | 696,713.80      | 258.25             |
| Routt -----       | 481,328.45      | 25,435.00       | 58,597.51       | 565,360.96      | 238.35             |
| Saguache -----    | 258,200.00      | 8,400.00        | 60,025.00       | 326,625.00      | 183.75             |
| San Juan -----    | 60,000.00       | 10,000.00       | 1,000.00        | 71,000.00       | 247.40             |
| San Miguel -----  | 188,530.39      | 3,595.00        | 16,351.34       | 208,476.73      | 277.60             |
| Sedgwick -----    | 406,084.48      | 22,853.21       | 56,593.81       | 485,531.50      | 281.40             |
| Summit -----      | 114,100.00      | 1,700.00        | 14,200.00       | 130,000.00      | 600.00             |
| Teller -----      | 88,050.00       | 1,150.00        | 9,525.00        | 98,725.00       | 123.00             |
| Washington -----  | 424,336.50      | 20,498.00       | 72,665.18       | 517,499.68      | 193.33             |
| Weld -----        | 3,181,017.45    | 185,065.29      | 421,105.52      | 3,787,188.26    | 210.15             |
| Yuma -----        | 533,807.85      | 28,992.25       | 151,707.50      | 714,507.60      | 201.10             |
| Totals -----      | \$50,169,293.61 | \$ 5,430,655.05 | \$ 6,547,591.45 | \$62,147,540.11 | \$246.00           |



## PUBLIC SCHOOLS, TEACHERS AND SCHOOL POPULATION, 1930

| COUNTY      | Total Number         |         |               | Teachers |        |       | School Population     |                             |                     |
|-------------|----------------------|---------|---------------|----------|--------|-------|-----------------------|-----------------------------|---------------------|
|             | No. of School Dists. | Schools | School Bldgs. | Male     | Female | Total | Persons of School Age | Enrollm't in Public Schools | Aver. Daily Attend. |
| Adams       | 42                   | 76      | 79            | 26       | 171    | 197   | 5,768                 | 5,186                       | 3,790               |
| Alamosa     | 14                   | 21      | 20            | 13       | 68     | 81    | 2,494                 | 2,259                       | 1,554               |
| Arapahoe    | 28                   | 48      | 46            | 27       | 150    | 177   | 5,945                 | 5,086                       | 3,692               |
| Archuleta   | 22                   | 29      | 29            | 3        | 39     | 42    | 1,072                 | 938                         | 673                 |
| Baca        | 63                   | 94      | 102           | 32       | 95     | 127   | 2,766                 | 2,878                       | 2,037               |
| Bent        | 38                   | 45      | 42            | 21       | 83     | 104   | 2,438                 | 2,369                       | 1,535               |
| Boulder     | 58                   | 73      | 69            | 61       | 252    | 313   | 9,731                 | 7,765                       | 6,085               |
| Chaffee     | 25                   | 31      | 31            | 12       | 58     | 70    | 2,182                 | 1,642                       | 1,326               |
| Cheyenne    | 9                    | 33      | 44            | 14       | 51     | 65    | 1,153                 | 1,029                       | 824                 |
| Clear Creek | 9                    | 12      | 11            | 7        | 19     | 26    | 511                   | 460                         | 355                 |
| Conejos     | 30                   | 39      | 34            | 26       | 88     | 114   | 3,764                 | 2,965                       | 2,225               |
| Costilla    | 14                   | 25      | 18            | 8        | 34     | 42    | 1,899                 | 1,474                       | 905                 |
| Crowley     | 9                    | 21      | 17            | 13       | 58     | 71    | 1,943                 | 1,748                       | 1,450               |
| Custer      | 23                   | 24      | 22            | 3        | 26     | 29    | 520                   | 435                         | 314                 |
| Delta       | 18                   | 37      | 41            | 26       | 125    | 151   | 5,083                 | 4,076                       | 3,158               |
| Denver      | 1                    | 77      | 100           | 201      | 1,386  | 1,587 | 78,605                | 59,466                      | 45,562              |
| Dolores     | 10                   | 18      | 18            | 2        | 18     | 20    | 375                   | 291                         | 210                 |
| Douglas     | 33                   | 36      | 35            | 9        | 48     | 57    | 957                   | 855                         | 673                 |
| Eagle       | 23                   | 47      | 41            | 9        | 62     | 71    | 933                   | 978                         | 764                 |
| Elbert      | 47                   | 89      | 86            | 17       | 95     | 112   | 2,094                 | 1,677                       | 1,364               |
| El Paso     | 38                   | 104     | 85            | 87       | 350    | 437   | 12,289                | 10,906                      | 8,466               |
| Fremont     | 33                   | 53      | 59            | 46       | 156    | 202   | 5,829                 | 4,553                       | 3,600               |
| Garfield    | 41                   | 59      | 55            | 25       | 110    | 135   | 3,067                 | 2,588                       | 2,427               |
| Gilpin      | 11                   | 8       | 12            | 2        | 13     | 15    | 209                   | 251                         | 182                 |
| Grand       | 17                   | 27      | 23            | 5        | 29     | 34    | 541                   | 460                         | 338                 |
| Gunnison    | 26                   | 39      | 35            | 12       | 53     | 65    | 1,634                 | 1,325                       | 984                 |
| Hinsdale    | 4                    | 6       | 4             | 2        | 6      | 8     | 126                   | 105                         | 91                  |
| Huerfano    | 51                   | 82      | 80            | 23       | 154    | 177   | 6,948                 | 4,959                       | 3,348               |
| Jackson     | 6                    | 11      | 10            | 2        | 14     | 16    | 316                   | 263                         | 182                 |
| Jefferson   | 48                   | 70      | 60            | 29       | 177    | 206   | 5,644                 | 4,964                       | 3,767               |
| Kiowa       | 19                   | 34      | 28            | 18       | 43     | 61    | 1,304                 | 1,071                       | 851                 |
| Kit Carson  | 83                   | 98      | 93            | 38       | 115    | 153   | 3,370                 | 2,625                       | 2,089               |
| Lake        | 8                    | 15      | 16            | 7        | 33     | 40    | 1,520                 | 901                         | 750                 |
| La Plata    | 37                   | 66      | 61            | 27       | 107    | 134   | 4,266                 | 3,513                       | 2,560               |
| Larimer     | 46                   | 84      | 76            | 47       | 280    | 327   | 9,818                 | 8,748                       | 6,689               |
| Las Animas  | 120                  | 161     | 163           | 72       | 326    | 398   | 12,894                | 9,726                       | 6,478               |
| Lincoln     | 45                   | 83      | 81            | 35       | 94     | 129   | 2,778                 | 2,292                       | 1,994               |
| Logan       | 58                   | 95      | 88            | 42       | 210    | 252   | 6,844                 | 5,531                       | 4,209               |
| Mesa        | 35                   | 64      | 66            | 42       | 207    | 249   | 7,785                 | 6,987                       | 5,202               |
| Mineral     | 3                    | 3       | 3             | 2        | 5      | 7     | 142                   | 120                         | 89                  |
| Moffat      | 35                   | 67      | 70            | 16       | 75     | 91    | 1,499                 | 1,192                       | 954                 |
| Montezuma   | 29                   | 42      | 38            | 12       | 70     | 82    | 2,387                 | 1,988                       | 1,620               |
| Montrose    | 26                   | 38      | 40            | 16       | 102    | 118   | 3,665                 | 3,417                       | 2,657               |
| Morgan      | 19                   | 63      | 66            | 34       | 160    | 194   | 6,279                 | 5,230                       | 3,781               |
| Otero       | 20                   | 49      | 44            | 46       | 185    | 231   | 7,451                 | 6,954                       | 5,202               |
| Ouray       | 12                   | 20      | 17            | 5        | 21     | 26    | 514                   | 367                         | 302                 |
| Park        | 20                   | 34      | 33            | 5        | 30     | 35    | 493                   | 377                         | 202                 |
| Phillips    | 38                   | 40      | 39            | 18       | 64     | 82    | 1,765                 | 1,622                       | 1,343               |
| Pitkin      | 15                   | 15      | 14            | 4        | 20     | 24    | 552                   | 393                         | 332                 |
| Prowers     | 50                   | 66      | 63            | 38       | 129    | 167   | 4,700                 | 4,283                       | 3,243               |
| Pueblo      | 47                   | 112     | 101           | 79       | 515    | 594   | 20,170                | 15,774                      | 11,484              |
| Rio Blanco  | 19                   | 33      | 33            | 6        | 38     | 44    | 884                   | 661                         | 524                 |
| Rio Grande  | 8                    | 19      | 19            | 19       | 91     | 110   | 3,197                 | 2,698                       | 2,270               |
| Routt       | 44                   | 63      | 64            | 19       | 106    | 125   | 2,813                 | 2,372                       | 1,863               |
| Saguache    | 18                   | 29      | 25            | 20       | 56     | 76    | 1,966                 | 1,787                       | 1,312               |
| San Juan    | 1                    | 3       | 5             | 6        | 6      | 12    | 310                   | 287                         | 271                 |
| San Miguel  | 14                   | 27      | 23            | 3        | 33     | 36    | 838                   | 592                         | 472                 |
| Sedgwick    | 24                   | 33      | 34            | 14       | 63     | 77    | 1,886                 | 1,725                       | 1,309               |
| Summit      | 9                    | 13      | 9             | 2        | 14     | 16    | 289                   | 215                         | 191                 |
| Teller      | 11                   | 19      | 21            | 6        | 34     | 40    | 1,193                 | 803                         | 669                 |
| Washington  | 84                   | 122     | 114           | 34       | 136    | 170   | 3,270                 | 2,677                       | 2,114               |
| Weld        | 136                  | 221     | 225           | 131      | 547    | 678   | 20,706                | 18,022                      | 12,722              |
| Yuma        | 117                  | 140     | 128           | 49       | 167    | 216   | 4,417                 | 3,867                       | 3,113               |
| State       | 2,041                | 3,305   | 3,208         | 1,675    | 8,070  | 9,745 | 308,731               | 252,718                     | 190,742             |

**RECEIPTS AND EXPENDITURES OF PUBLIC SCHOOL SYSTEM BY COUNTIES**

(From Reports of State Superintendent of Public Instruction)

Note.—Receipts include balances on hand at beginning of fiscal years.

| COUNTY           | 1930            |                 | 1929            |                 |
|------------------|-----------------|-----------------|-----------------|-----------------|
|                  | Receipts        | Expenditures    | Receipts        | Expenditures    |
| Adams.....       | \$ 560,961.74   | \$ 445,021.95   | \$ 488,534.12   | \$ 391,148.56   |
| Alamosa.....     | 260,466.63      | 195,858.49      | 247,994.97      | 210,282.54      |
| Arapahoe.....    | 478,981.96      | 427,139.44      | 438,155.12      | 392,950.79      |
| Archuleta.....   | 81,282.11       | 54,047.42       | 68,096.75       | 53,496.15       |
| Baca.....        | 292,203.66      | 239,892.99      | 261,074.79      | 209,751.52      |
| Bent.....        | 236,232.15      | 212,666.15      | 226,555.40      | 200,030.08      |
| Boulder.....     | 886,240.59      | 786,847.75      | 887,341.77      | 782,211.55      |
| Chaffee.....     | 161,584.05      | 147,724.98      | 159,364.20      | 127,745.91      |
| Cheyenne.....    | 218,686.54      | 158,665.02      | 202,210.87      | 158,638.25      |
| Clear Creek..... | 53,843.78       | 47,071.80       | 50,498.90       | 46,948.15       |
| Conejos.....     | 226,579.55      | 189,414.22      | 196,034.26      | 168,443.38      |
| Costilla.....    | 82,158.01       | 74,137.46       | 73,201.87       | 62,453.75       |
| Crowley.....     | 260,209.61      | 222,553.62      | 229,082.74      | 184,655.39      |
| Custer.....      | 46,921.88       | 39,094.81       | 43,405.56       | 36,173.72       |
| Delta.....       | 416,722.59      | 371,986.42      | 409,188.73      | 353,877.69      |
| Denver.....      | 6,868,081.13    | 6,792,827.22    | 6,584,441.83    | 6,546,410.51    |
| Dolores.....     | 38,027.51       | 22,699.90       | 46,067.27       | 28,799.35       |
| Douglas.....     | 144,545.25      | 114,733.77      | 124,484.57      | 103,628.88      |
| Eagle.....       | 171,676.36      | 107,340.17      | 151,714.94      | 98,324.06       |
| Elbert.....      | 280,400.05      | 207,096.27      | 255,969.24      | 211,611.06      |
| El Paso.....     | 1,537,461.40    | 1,410,951.20    | 1,469,339.39    | 1,369,990.69    |
| Fremont.....     | 550,545.39      | 482,150.68      | 544,854.56      | 446,598.97      |
| Garfield.....    | 358,298.16      | 297,780.87      | 317,721.93      | 257,940.61      |
| Gilpin.....      | 38,780.19       | 22,726.99       | 42,810.59       | 30,010.88       |
| Grand.....       | 63,884.93       | 50,127.21       | 62,471.21       | 51,366.85       |
| Gunnison.....    | 170,815.17      | 147,889.10      | 177,404.58      | 158,093.72      |
| Hinsdale.....    | 14,403.83       | 10,991.78       | 11,860.67       | 10,693.73       |
| Huerfano.....    | 546,702.37      | 424,571.52      | 503,016.61      | 351,904.28      |
| Jackson.....     | 37,864.37       | 26,513.15       | 36,614.91       | 26,241.04       |
| Jefferson.....   | 498,934.06      | 411,033.11      | 450,546.42      | 377,747.44      |
| Kiowa.....       | 168,315.54      | 146,846.07      | 172,318.62      | 143,643.51      |
| Kit Carson.....  | 417,878.18      | 325,709.27      | 389,366.57      | 312,374.34      |
| Lake.....        | 107,285.76      | 88,315.03       | 99,700.74       | 91,026.39       |
| La Plata.....    | 325,957.87      | 290,162.56      | 295,608.19      | 267,597.88      |
| Larimer.....     | 1,081,229.63    | 896,332.29      | 1,024,943.82    | 837,043.10      |
| Las Animas.....  | 937,199.87      | 853,469.99      | 909,404.45      | 817,643.63      |
| Lincoln.....     | 379,448.59      | 290,378.83      | 338,633.11      | 276,126.81      |
| Logan.....       | 804,170.42      | 668,766.09      | 693,336.51      | 544,663.43      |
| Mesa.....        | 601,628.15      | 536,518.81      | 557,734.75      | 508,735.55      |
| Mineral.....     | 27,599.06       | 15,076.68       | 19,621.34       | 13,438.44       |
| Moffat.....      | 142,833.37      | 108,058.98      | 134,209.64      | 106,672.16      |
| Montezuma.....   | 185,878.65      | 148,301.24      | 196,845.22      | 143,909.56      |
| Montrose.....    | 324,258.78      | 253,529.75      | 311,855.74      | 257,754.87      |
| Morgan.....      | 649,942.90      | 576,215.05      | 797,535.17      | 722,988.19      |
| Otero.....       | 672,122.86      | 590,353.66      | 584,174.83      | 534,616.89      |
| Ouray.....       | 52,191.61       | 48,038.92       | 54,604.61       | 45,838.51       |
| Park.....        | 61,857.97       | 49,710.32       | 74,924.64       | 63,849.47       |
| Phillips.....    | 243,237.88      | 157,402.81      | 217,146.50      | 152,382.34      |
| Pitkin.....      | 50,307.08       | 37,693.55       | 47,751.97       | 36,511.91       |
| Prowers.....     | 476,920.37      | 427,527.02      | 424,036.17      | 386,645.25      |
| Pueblo.....      | 1,656,144.28    | 1,552,141.54    | 1,602,952.11    | 1,460,151.21    |
| Rio Blanco.....  | 100,962.40      | 75,692.57       | 90,413.13       | 68,441.06       |
| Rio Grande.....  | 428,258.61      | 308,970.26      | 341,983.79      | 237,547.35      |
| Routt.....       | 313,455.68      | 251,618.38      | 311,449.31      | 250,931.04      |
| Saguache.....    | 272,436.81      | 203,639.21      | 231,691.41      | 186,818.07      |
| San Juan.....    | 50,924.64       | 31,606.14       | 49,905.31       | 37,789.53       |
| San Miguel.....  | 111,018.93      | 93,729.87       | 110,347.59      | 68,570.00       |
| Sedgwick.....    | 157,807.30      | 127,806.54      | 243,284.43      | 211,406.18      |
| Summit.....      | 56,283.92       | 38,285.19       | 53,360.27       | 38,546.59       |
| Teller.....      | 83,832.60       | 73,540.00       | 101,714.41      | 83,617.36       |
| Washington.....  | 416,931.96      | 312,613.50      | 413,892.42      | 317,764.33      |
| Weld.....        | 2,354,422.12    | 2,103,092.01    | 2,377,977.25    | 2,083,820.46    |
| Yuma.....        | 530,034.85      | 390,920.17      | 512,077.83      | 400,427.47      |
| State.....       | \$29,820,273.66 | \$26,213,617.76 | \$28,544,910.62 | \$25,157,462.38 |

**AVERAGE ANNUAL PER CAPITA COST OF EDUCATION IN PUBLIC SCHOOLS**  
(From Records of the State Superintendent of Public Instruction)

| COUNTY            | 1927                |                             | 1928                |                             | 1929                |                             | 1930                |                             |
|-------------------|---------------------|-----------------------------|---------------------|-----------------------------|---------------------|-----------------------------|---------------------|-----------------------------|
|                   | Based on Enrollment | Based on Average Attendance | Based on Enrollment | Based on Average Attendance | Based on Enrollment | Based on Average Attendance | Based on Enrollment | Based on Average Attendance |
| Adams             | \$ 99.04            | \$151.37                    | \$ 88.49            | \$127.64                    | \$ 74.01            | \$110.22                    | \$ 78.10            | \$117.42                    |
| Alamosa           | 150.46              | 220.76                      | 93.53               | 133.91                      | 93.29               | 128.93                      | 86.70               | 126.04                      |
| Arapahoe          | 79.27               | 103.67                      | 83.00               | 109.32                      | 78.56               | 106.00                      | 84.82               | 115.69                      |
| Archuleta         | 53.72               | 81.10                       | 56.45               | 82.75                       | 57.58               | 71.14                       | 57.62               | 80.31                       |
| Baca              | 70.24               | 97.71                       | 62.63               | 93.63                       | 84.82               | 116.79                      | 83.35               | 117.77                      |
| Bent              | 91.11               | 124.88                      | 82.58               | 95.15                       | 91.76               | 120.14                      | 89.77               | 138.54                      |
| Boulder           | 98.44               | 124.25                      | 96.69               | 124.45                      | 100.81              | 126.69                      | 101.33              | 129.31                      |
| Chaffee           | 64.46               | 70.18                       | 89.79               | 112.87                      | 79.33               | 92.56                       | 89.96               | 111.41                      |
| Cheyenne          | 130.04              | 193.02                      | 147.51              | 192.58                      | 158.64              | 202.09                      | 154.19              | 192.55                      |
| Clear Creek       | 101.20              | 128.73                      | 100.98              | 125.82                      | 106.22              | 135.30                      | 102.33              | 132.60                      |
| Conejos           | 55.09               | 80.04                       | 55.41               | 79.29                       | 58.71               | 95.76                       | 63.88               | 85.13                       |
| Costilla          | 51.97               | 81.34                       | 60.34               | 85.56                       | 50.98               | 82.28                       | 50.30               | 81.92                       |
| Crowley           | 89.20               | 132.16                      | 102.55              | 142.93                      | 103.10              | 143.59                      | 127.32              | 153.49                      |
| Custer            | 75.23               | 111.32                      | 65.11               | 93.19                       | 82.40               | 139.13                      | 89.87               | 124.51                      |
| Delta             | 79.57               | 110.44                      | 75.93               | 107.92                      | 87.96               | 114.97                      | 91.26               | 117.79                      |
| Denver            | 105.15              | 146.27                      | 119.72              | 157.20                      | 104.37              | 144.40                      | 114.23              | 149.09                      |
| Dolores           | 79.33               | 102.99                      | 54.47               | 76.98                       | 101.05              | ---                         | 78.01               | 108.09                      |
| Douglas           | 98.92               | 137.44                      | 102.81              | 145.36                      | 122.20              | 163.20                      | 134.19              | 170.48                      |
| Eagle             | 97.95               | 135.70                      | 92.96               | 131.28                      | 106.18              | 142.71                      | 109.75              | 140.49                      |
| Elbert            | 100.32              | 120.75                      | 110.53              | 139.30                      | 122.75              | 153.01                      | 123.49              | 151.83                      |
| El Paso           | 122.56              | 162.43                      | 130.32              | 182.48                      | 125.82              | 150.00                      | 129.37              | 166.66                      |
| Fremont           | 81.80               | 103.78                      | 89.11               | 116.21                      | 91.82               | 115.10                      | 105.90              | 133.93                      |
| Garfield          | 71.57               | 98.04                       | 77.38               | 99.33                       | 98.68               | 140.34                      | 115.06              | 122.70                      |
| Gilpin            | 78.77               | 124.04                      | 112.38              | 163.45                      | 175.50              | 202.78                      | 90.55               | 124.87                      |
| Grand             | 69.81               | 97.47                       | 68.38               | 105.40                      | 106.57              | 147.18                      | 108.97              | 148.31                      |
| Gunnison          | 93.34               | 118.05                      | 91.51               | 107.27                      | 113.65              | 146.11                      | 111.61              | 150.29                      |
| Hinsdale          | 84.14               | 106.86                      | 88.89               | 101.05                      | 103.82              | 112.57                      | 104.68              | 120.79                      |
| Huerfano          | 67.26               | 101.96                      | 61.27               | 100.99                      | 68.50               | 102.84                      | 85.62               | 126.81                      |
| Jackson           | 94.19               | 128.70                      | 101.51              | 134.98                      | 99.40               | 141.08                      | 100.81              | 145.67                      |
| Jefferson         | 74.46               | 99.22                       | 83.87               | 135.97                      | 78.50               | 91.91                       | 82.80               | 109.11                      |
| Kiowa             | 102.84              | 131.32                      | 139.40              | 180.51                      | 135.00              | 171.62                      | 137.11              | 172.56                      |
| Kit Carson        | 103.72              | 133.05                      | 107.85              | 136.45                      | 106.14              | 137.01                      | 124.08              | 155.92                      |
| Lake              | 86.89               | 106.19                      | 86.81               | 105.42                      | 91.76               | 113.08                      | 98.02               | 117.75                      |
| La Plata          | 74.79               | 104.43                      | 76.58               | 108.50                      | 74.87               | 99.92                       | 82.60               | 113.34                      |
| Larimer           | 88.56               | 158.69                      | 95.89               | 125.44                      | 97.01               | 125.46                      | 102.46              | 134.00                      |
| Las Animas        | 74.16               | 85.90                       | 66.83               | 93.14                       | 80.56               | 110.35                      | 26.06               | 39.12                       |
| Lincoln           | 108.39              | 132.72                      | 127.55              | 152.87                      | 114.34              | 128.43                      | 126.69              | 145.63                      |
| Logan             | 92.33               | 114.68                      | 100.91              | 125.28                      | 97.59               | 129.46                      | 120.91              | 158.89                      |
| Mesa              | 75.78               | 90.88                       | 75.38               | 98.14                       | 75.51               | 95.31                       | 76.79               | 103.14                      |
| Mineral           | 68.98               | 77.94                       | 65.56               | 69.45                       | 98.09               | 126.78                      | 125.64              | 169.40                      |
| Moffat            | 91.34               | 124.93                      | 89.38               | 124.65                      | 90.93               | 120.94                      | 90.65               | 113.27                      |
| Montezuma         | 77.24               | 105.78                      | 82.36               | 119.13                      | 71.10               | 95.49                       | 74.60               | 91.54                       |
| Montrose          | 65.95               | 90.21                       | 69.10               | 97.81                       | 75.15               | 98.12                       | 74.20               | 95.42                       |
| Morgan            | 82.98               | 120.52                      | 90.04               | 127.75                      | 128.94              | 193.36                      | 110.17              | 152.40                      |
| Otero             | 89.60               | 116.07                      | 86.33               | 116.61                      | 83.93               | 107.16                      | 84.89               | 113.49                      |
| Ouray             | 60.43               | 68.26                       | 73.29               | 95.29                       | 108.88              | 142.35                      | 130.89              | 159.07                      |
| Park              | 145.55              | 224.96                      | 137.95              | 210.91                      | 177.85              | 253.37                      | 131.86              | 246.09                      |
| Phillips          | 79.05               | 101.75                      | 78.99               | 102.04                      | 93.72               | 115.53                      | 97.04               | 117.20                      |
| Pitkin            | 78.17               | 98.54                       | 81.03               | 108.31                      | 86.31               | 98.95                       | 95.91               | 113.53                      |
| Prowers           | 107.34              | 149.95                      | 112.44              | 145.42                      | 94.03               | 130.76                      | 99.82               | 131.83                      |
| Pueblo            | 115.28              | 161.53                      | 99.71               | 134.49                      | 92.16               | 97.73                       | 98.40               | 135.16                      |
| Rio Blanco        | 86.67               | 112.18                      | 111.52              | 140.85                      | 84.91               | 107.78                      | 114.51              | 144.45                      |
| Rio Grande        | 112.10              | 157.65                      | 103.91              | 153.50                      | 86.07               | 114.65                      | 114.52              | 136.11                      |
| Routt             | 86.78               | 125.38                      | ---                 | ---                         | 104.73              | 163.69                      | 106.08              | 135.06                      |
| Saguache          | 129.66              | 185.52                      | 113.70              | 169.71                      | 109.83              | 153.13                      | 113.96              | 155.21                      |
| San Juan          | 139.57              | 173.49                      | 172.35              | 218.09                      | 167.21              | 214.71                      | 110.13              | 116.63                      |
| San Miguel        | 77.75               | 97.68                       | 86.91               | 117.89                      | 91.30               | 118.02                      | 158.33              | 198.58                      |
| Sedgwick          | 73.90               | 126.33                      | 79.94               | 109.60                      | 117.12              | 158.48                      | 74.09               | 97.64                       |
| Summit            | 122.10              | 171.99                      | 143.78              | 180.84                      | 143.30              | 193.70                      | 178.07              | 200.45                      |
| Teller            | 93.45               | 117.26                      | 98.08               | 105.62                      | 93.43               | 118.77                      | 91.58               | 109.93                      |
| Washington        | 92.37               | 119.52                      | 97.62               | 120.02                      | 118.44              | 136.67                      | 116.78              | 147.88                      |
| Weld              | 111.70              | 154.39                      | 117.59              | 161.41                      | 117.23              | 160.69                      | 116.70              | 165.31                      |
| Yuma              | 70.16               | 88.02                       | 72.34               | 93.59                       | 101.55              | 127.89                      | 101.09              | 125.58                      |
| State             | \$ 97.44            | \$135.83                    | \$101.10            | \$135.82                    | \$ 98.22            | \$129.36                    | \$103.73            | \$137.43                    |
| *Co. High Schools | 177.37              | 207.18                      | 168.31              | 196.87                      | ---                 | ---                         | ---                 | ---                         |
| Total             | \$ 95.67            | \$133.93                    | \$ 99.69            | \$134.24                    | \$ 98.22            | \$129.36                    | \$103.73            | \$137.43                    |

\*County High Schools included in county totals for 1929 and 1930.



AVERAGE YEARLY SALARIES OF TEACHERS IN PUBLIC SCHOOLS, 1930

(From Records of the State Superintendent of Public Instruction)

| COUNTY      | Senior High Schools |            | Junior High Schools |            | Three or More Teacher Schools |            | Two-Teacher Schools |            |
|-------------|---------------------|------------|---------------------|------------|-------------------------------|------------|---------------------|------------|
|             | Men                 | Women      | Men                 | Women      | Men                           | Women      | Men                 | Women      |
| Adams       | \$1,975.00          | \$1,504.00 | \$1,600.00          | \$1,400.00 | \$1,587.00                    | \$1,367.70 | \$1,000.00          | \$1,066.00 |
| Alamosa     | 1,947.90            | 1,485.00   | 1,550.00            | 1,500.00   | 1,763.00                      | 1,099.40   | -----               | 1,104.60   |
| Arapahoe    | 2,096.00            | 1,512.00   | 1,581.72            | 1,360.00   | 1,545.00                      | 1,250.00   | 1,330.00            | 1,070.00   |
| Archuleta   | 2,800.00            | 1,309.00   | -----               | -----      | 1,300.00                      | 1,035.00   | 1,080.00            | 1,080.00   |
| Baca        | 1,499.00            | 1,304.00   | 1,125.00            | 1,170.00   | 1,109.00                      | 1,083.00   | 1,215.00            | 1,056.00   |
| Bent        | 1,821.11            | 1,503.26   | 1,800.00            | 1,387.50   | 1,187.50                      | 1,189.11   | 1,303.33            | 1,080.93   |
| Boulder     | 1,743.00            | 1,424.00   | 1,670.00            | 1,400.00   | 1,525.00                      | 1,200.00   | 1,160.00            | 1,075.00   |
| Chaffee     | 1,886.10            | 1,477.75   | -----               | 1,375.00   | -----                         | 1,064.80   | -----               | 1,050.00   |
| Cheyenne    | 1,919.00            | 1,379.00   | -----               | -----      | 950.00                        | 1,088.66   | -----               | 965.00     |
| Clear Creek | 1,862.50            | 1,362.50   | 1,350.00            | 1,187.50   | -----                         | 1,137.50   | -----               | -----      |
| Conejos     | 1,695.23            | 1,247.50   | -----               | -----      | 1,172.30                      | 875.00     | 905.00              | 845.00     |
| Costilla    | 1,800.00            | 1,062.50   | 1,350.00            | 1,017.50   | 933.50                        | 933.20     | 825.00              | 886.00     |
| Crowley     | 1,950.00            | 1,360.00   | 1,408.00            | 1,061.00   | -----                         | 1,117.00   | 1,125.00            | 1,035.00   |
| Custer      | 1,338.90            | 1,925.00   | -----               | 1,350.00   | -----                         | -----      | 1,350.00            | 1,305.00   |
| Delta       | 1,901.25            | 1,364.75   | 1,843.74            | 1,337.90   | 1,500.00                      | 1,131.93   | 1,200.00            | 1,024.73   |
| Denver      | 2,568.00            | 2,671.00   | 2,246.70            | 2,492.00   | 1,893.00                      | 2,188.00   | -----               | -----      |
| Dolores     | -----               | -----      | -----               | -----      | 1,400.00                      | 1,083.00   | -----               | -----      |
| Douglas     | 1,937.50            | 1,300.00   | 1,787.50            | 1,350.00   | 1,775.00                      | 1,256.60   | -----               | 1,158.30   |
| Eagle       | 2,170.00            | 1,324.20   | -----               | 1,525.00   | -----                         | 1,212.00   | -----               | 1,054.50   |
| Elbert      | 1,862.00            | 1,277.40   | -----               | -----      | 1,260.00                      | 1,073.60   | -----               | 920.00     |
| El Paso     | 1,869.20            | 1,502.00   | 2,011.33            | 1,712.00   | 1,480.00                      | 1,228.78   | 2,100.00            | 1,247.00   |
| Fremont     | 1,997.72            | 1,387.75   | 1,717.50            | 1,299.44   | 1,631.87                      | 1,178.65   | 1,218.50            | 1,127.21   |
| Garfield    | 1,706.00            | 1,417.00   | -----               | 1,110.00   | 1,700.00                      | 1,203.00   | 1,050.00            | 1,030.00   |
| Gilpin      | 1,800.00            | 1,450.00   | -----               | -----      | 1,200.00                      | 1,200.00   | -----               | 1,359.00   |
| Grand       | 2,000.00            | 1,387.50   | -----               | -----      | 1,450.00                      | 1,050.00   | -----               | 1,237.50   |
| Gunnison    | 2,037.00            | 1,680.00   | -----               | 1,850.00   | 1,783.00                      | 1,330.00   | -----               | -----      |
| Hinsdale    | 1,575.00            | -----      | 1,575.00            | -----      | 1,575.00                      | 1,083.00   | -----               | -----      |
| Huerfano    | 1,726.60            | 1,298.00   | -----               | -----      | 1,670.00                      | 1,238.23   | -----               | 1,035.00   |
| Jackson     | 3,000.00            | 1,600.00   | -----               | -----      | -----                         | 1,295.00   | 1,215.00            | 1,225.00   |
| Jefferson   | 1,923.80            | 1,675.50   | 1,662.90            | 1,307.00   | -----                         | 1,128.80   | 1,575.00            | 987.50     |
| Kiowa       | 2,750.00            | 1,500.00   | -----               | -----      | 1,095.00                      | 1,075.00   | -----               | 920.00     |
| Kit Carson  | 1,823.45            | 1,378.33   | 1,375.00            | 1,314.29   | -----                         | 1,111.57   | 1,026.00            | 925.00     |
| Lake        | 1,863.70            | 1,615.00   | -----               | -----      | 1,500.00                      | 1,276.00   | -----               | 1,061.00   |
| La Plata    | 1,772.00            | 1,401.50   | 2,265.00            | 1,395.00   | 1,337.50                      | 1,126.00   | 1,255.00            | 1,050.50   |
| Larimer     | 2,162.35            | 1,504.66   | 1,737.50            | 1,285.00   | 1,397.77                      | 1,163.00   | 1,125.00            | 1,006.00   |
| Las Animas  | 2,045.00            | 1,530.00   | 2,241.00            | 1,327.00   | 1,660.00                      | 1,222.00   | 1,045.00            | 1,075.00   |
| Lincoln     | 1,735.41            | 1,336.71   | 1,500.00            | 1,235.00   | 1,192.50                      | 1,080.69   | 1,140.00            | 1,011.25   |
| Logan       | 1,922.43            | 1,320.90   | 1,775.00            | 1,289.86   | 1,125.00                      | 1,035.00   | 900.00              | 892.00     |
| Mesa        | 1,816.15            | 1,390.33   | 1,625.00            | 1,403.75   | 1,822.50                      | 1,144.50   | 1,249.00            | 1,030.90   |
| Mineral     | 1,500.00            | 1,300.00   | -----               | -----      | 1,400.00                      | 1,000.00   | -----               | -----      |
| Moffat      | 2,580.00            | 1,563.00   | 1,620.00            | 900.00     | -----                         | 971.88     | 1,125.00            | 990.00     |
| Montezuma   | 1,953.00            | 1,352.70   | 1,300.00            | 1,160.00   | 1,320.00                      | 1,060.70   | 968.30              | 920.30     |
| Montrose    | 1,906.25            | 1,583.33   | -----               | -----      | 1,438.75                      | 1,083.71   | 1,485.00            | 1,088.33   |
| Morgan      | 1,757.14            | 1,466.65   | 1,835.00            | 1,432.00   | 1,335.00                      | 1,074.34   | 1,090.00            | 1,078.75   |
| Otero       | 2,136.29            | 1,410.69   | 1,691.61            | 1,279.40   | 1,557.10                      | 1,108.75   | -----               | 1,051.25   |
| Ouray       | 1,933.00            | 1,350.00   | -----               | -----      | 1,554.00                      | 1,117.50   | -----               | 1,125.00   |
| Park        | -----               | 1,361.00   | -----               | -----      | -----                         | -----      | 1,230.00            | 1,057.00   |
| Phillips    | 1,816.61            | 1,364.61   | -----               | -----      | 1,240.49                      | 980.49     | -----               | 922.50     |
| Pitkin      | 1,766.00            | 1,450.00   | -----               | 1,050.00   | -----                         | 950.00     | -----               | 900.00     |
| Prowers     | 2,024.75            | 1,422.90   | 1,600.00            | 1,403.10   | 1,087.00                      | 1,181.75   | 1,372.50            | 1,018.33   |
| Pueblo      | 1,776.35            | 1,302.94   | 2,068.10            | 1,561.12   | 1,527.59                      | 1,098.19   | -----               | 1,015.38   |
| Rio Blanco  | 1,750.00            | 1,575.00   | -----               | -----      | 1,000.00                      | 1,277.00   | -----               | -----      |
| Rio Grande  | 2,351.80            | 1,517.00   | 1,380.00            | 1,340.00   | 1,532.50                      | 1,270.00   | -----               | 922.50     |
| Routt       | 2,161.00            | 1,371.00   | 2,550.00            | 1,326.00   | 1,844.00                      | 1,198.00   | 1,215.00            | 1,071.00   |
| Saguache    | 1,960.00            | 1,370.50   | 1,465.00            | 1,420.00   | 1,625.00                      | 1,127.00   | 1,340.00            | 1,089.00   |
| San Juan    | 1,560.00            | 1,470.00   | -----               | -----      | 1,350.00                      | 1,240.00   | 1,500.00            | 1,200.00   |
| San Miguel  | 1,975.00            | 1,800.00   | -----               | -----      | -----                         | 1,250.00   | -----               | -----      |
| Sedgwick    | 1,785.00            | 1,480.00   | -----               | -----      | 1,488.00                      | 1,007.00   | -----               | -----      |
| Summit      | 2,125.00            | 1,200.00   | 2,125.00            | 1,200.00   | -----                         | 1,300.00   | -----               | 973.75     |
| Teller      | 1,733.00            | 1,393.00   | 1,500.00            | 1,200.00   | 1,362.50                      | 1,137.50   | -----               | 1,125.00   |
| Washington  | 1,718.18            | 1,395.24   | -----               | -----      | 1,600.00                      | 1,117.50   | 1,035.00            | 996.00     |
| Weld        | 1,882.00            | 1,383.00   | 1,635.00            | 1,333.00   | 1,244.00                      | 1,334.00   | 1,230.00            | 1,123.00   |
| Yuma        | 2,016.20            | 1,458.08   | -----               | -----      | 1,470.00                      | 1,106.25   | 999.00              | 901.50     |
| Average     | \$1,942.05          | \$1,450.55 | \$1,701.90          | \$1,351.15 | \$1,430.55                    | \$1,997.55 | \$1,200.00          | \$1,047.50 |

Note.—Space does not permit publication of average salaries for one-teacher schools. However, the state average is \$947.27 for men and \$891.95 for women.

## State Institutions

THE 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:

|                             |                  |
|-----------------------------|------------------|
| Agricultural college.....   | Fort Collins     |
| School of mines.....        | Golden           |
| Teachers college.....       | Greeley          |
| University of Colorado..... | Boulder          |
| Western state college.....  | Gunnison         |
| Adams normal school.....    | Alamosa          |
| Mute and blind school.....  | Colorado Springs |
| Fort Lewis school.....      | Hesperus         |

The governing boards of all state institutions are appointed by the governor, with the exceptions of the state university at Boulder, which is under the supervision of a board of regents elected by the voters of the state.

The disbursements of state institutions for salaries, maintenance, equipment, lands, buildings, etc., for the year ending November 30, 1928, amounted to \$6,856,759, of which \$5,054,540 was distributed by the educational institutions. An accompanying table shows these disbursements by items and institutions and another gives the total disbursements by institutions by years.

The inventory value on June 30, 1930, including land, buildings, and equipment of above named institutions, as reported by the public examiner, was \$23,888,910. This compares with an inventory value of \$22,750,651 in 1928, \$23,558,543 in 1926 and \$17,973,107 in 1924. 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. It increased from 2,602 in 1914 to 5,627 in 1930. Population by years and institutions is shown in a separate table.

### STATE PENITENTIARY

The Colorado state penitentiary is located at Canon City, in Fremont county. It is operated under the supervision of the state board of corrections and is in charge of a warden. The inventory value of the institution on June 30, 1930, as reported by the public examiner, was as follows:

|                              |           |
|------------------------------|-----------|
| Lands.....                   | \$ 75,000 |
| Buildings and improvements.. | 1,250,000 |
| Machinery.....               | 45,000    |
| Tools and equipment.....     | 60,000    |
| Furniture and fixtures.....  | 5,000     |
| Libraries, etc.....          | 200       |
| Autos, etc.....              | 12,500    |
| General supplies.....        | 14,000    |
| Livestock.....               | 26,800    |
| Rights in land.....          | 4,000     |
| Cash.....                    | 15,326    |

Total .....\$1,507,826

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 |

The number of prisoners received at the penitentiary during the fiscal year 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   |

Disbursements on account of the penitentiary for the year ended November 30, 1928, 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 of 120 head of stock owned by the state fur-

nishes 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 hanging. A record of legal executions in the state by years is reported under a separate heading.

The total cost of operating the institution for the two-year period ending November 30, 1930, was \$879,695, of which \$53,862 was in food products raised and consumed and \$10,134 came from the convict labor fund, leaving a net cost to the state of \$815,699. The per capita annual expenditure was \$374.17, based on a daily average population of 1,090.

Of 1,065 prisoners received in the two years ending November 30, 1930, 905 were native born and 160 were foreign born. Forty-five states were represented among the native born, Missouri with 83 having the largest outside of Colorado. Twenty-five foreign countries were listed as birthplaces of the foreign born, Mexico, with 41, having the largest representation, and Jugo-Slavia, with 26, being second. Of the 1,065 prisoners received during the period, 286 were farmers, 145 were laborers, 53 were cooks, 52 were miners, 34 were ranchers, 23 were housewives and the remainder were scattered among more than 150 occupations. Of those received, 559 were sentenced for crimes against property, 338 for crimes against persons and 118 for crimes against property and persons. Three hundred and three of the prisoners received, or almost one-third, were under 25 years of age, 90 were more than 50 years old and 672 were between the ages of 25 and 50 years. Ten prisoners were received for execution and 11 for life. The average minimum sentence was four years, nine months and 16 days and the average maximum sentence was eight years and 22 days. Of the 1,065 prisoners received, 728 were serving their first sentence, 204 their second term, 84 their third, 37 their fourth, 6 their fifth, three their sixth and three their seventh term. Of the total, 434 were single, 496 married, 40 were widowers, five were widows and 90 were separated. Four could read but not write, 61 could neither read nor write, 62 could read and write a foreign language only and 938 could read and write English. Only 119 had received no religious instruction.

## HOSPITAL FOR INSANE

The value of the state hospital for the insane at Pueblo on June 30, 1930, as reported by the public examiner, was as follows:

|                               |             |
|-------------------------------|-------------|
| Lands .....                   | \$ 203,000  |
| Buildings and improvements... | 1,602,500   |
| Machinery .....               | 105,000     |
| Tools and equipment.....      | 52,000      |
| Furniture and fixtures.....   | 195,000     |
| Libraries, etc.....           | 600         |
| Autos, etc.....               | 7,000       |
| General supplies.....         | 21,452      |
| Livestock .....               | 37,471      |
| Rights in lands.....          | 19,725      |
| Cash .....                    | 6,000       |
| Total .....                   | \$2,254,748 |

The population of the hospital on November 30, of the years named, was as follows:

| Year      | Male  | Female | Total |
|-----------|-------|--------|-------|
| 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 |
| 1929..... | 1,586 | 1,312  | 2,898 |
| 1930..... | 1,596 | 1,348  | 2,944 |

The number received during the year ending November 30, for the years named, was as follows:

| Year      | Male | Female | Total |
|-----------|------|--------|-------|
| 1925..... | 223  | 159    | 382   |
| 1926..... | 259  | 165    | 424   |
| 1927..... | 288  | 187    | 475   |
| 1928..... | 278  | 181    | 459   |
| 1929..... | 266  | 201    | 467   |
| 1930..... | 291  | 180    | 471   |

Disbursements on account of the hospital in 1928, in detail, and totals by years, are given in separate tables under the headings "Disbursements of State Institutions."

There were 938 patients admitted to the hospital in the two years ending November 30, 1930, of whom 557 were male and 381 female. Of the males admitted 151 were laborers, 85 were farmers, 34 were miners, 26 were carpenters, 15 had no occupation, 14 were farm laborers, 12 were railroad employees, 12 were ranchers and the remainder were of diversified occupations. Of the 381 females admitted, 253 were housewives, 32 were housekeepers, 23 had no occupation and 20 were domestics. There were 192, of which 128 were males and 64 females, natives of foreign countries. Of the 557 men admitted during the period 52 were under 25 years of age and 289 were more than 50 years old. There were 105 of the total 70 or more years old. Of the women, 23 were under 25 and 169 were more than 50 years old.



## DISBURSEMENTS OF STATE INSTITUTIONS, BY YEARS

(From Report of Public Examiner)

| INSTITUTION                             | 1928        | 1927        | 1926        | 1925        | 1924        |
|---|-------------|-------------|-------------|-------------|-------------|
| <b>Educational:</b>                     |             |             |             |             |             |
| Agricultural college.....               | \$1,312,323 | \$1,382,438 | \$1,258,758 | \$1,161,255 | \$1,152,161 |
| Fort Lewis school.....                  | 120,502     | 84,596      | 133,230     | 119,187     | 107,402     |
| Alamosa Normal.....                     | 188,650     | 24,015      | 8,219       | 21,616      | 67,265      |
| School of Mines.....                    | 363,773     | 298,938     | 296,018     | 273,950     | 280,735     |
| Teachers college.....                   | 645,789     | 738,917     | 722,698     | 587,813     | 664,759     |
| University.....                         | 2,082,894   | 1,983,946   | 1,803,371   | 2,221,773   | 2,861,333   |
| Western State college.....              | 190,170     | 228,648     | 262,624     | 244,841     | 240,349     |
| Deaf and Blind school.....              | 250,439     | 182,122     | 277,143     | 173,435     | 165,601     |
| Total .....                             | \$5,054,540 | \$4,923,670 | \$4,762,061 | \$4,803,870 | \$5,539,605 |
| <b>Eleemosynary:</b>                    |             |             |             |             |             |
| Dependent and Neglected Children.....   | \$ 80,039   | \$ 99,444   | \$ 83,302   | \$ 91,353   | \$ 116,626  |
| Insane Hospital.....                    | 608,153     | 639,158     | 544,263     | 552,111     | 510,058     |
| Mental Defectives (Ridge).....          | 35,324      | 40,603      | 83,477      | 33,135      | 37,833      |
| Mental Defectives (Grand Junction)..... | 98,399      | 100,586     | 77,377      | 85,303      | 71,181      |
| Soldiers' and Sailors' Home.....        | 98,631      | 116,195     | 117,400     | 132,576     | 126,773     |
| Workshop for Blind.....                 | 43,183      | 27,416      | 29,386      | 32,298      | 50,390      |
| Detention Home.....                     | -----       | -----       | 750         | 10,694      | 10,790      |
| Total .....                             | \$ 963,729  | \$1,023,402 | \$ 935,955  | \$ 937,470  | \$ 923,651  |
| <b>Penal and Reform:</b>                |             |             |             |             |             |
| Penitentiary.....                       | \$ 478,753  | \$ 413,311  | \$ 406,931  | \$ 405,304  | \$ 272,011  |
| Industrial School, boys.....            | 166,654     | 163,229     | 182,451     | 147,985     | 195,018     |
| Industrial School, girls.....           | 62,380      | 54,844      | 62,796      | 55,600      | 66,501      |
| Reformatory.....                        | 130,703     | 130,938     | 109,208     | 116,781     | 81,621      |
| Total .....                             | \$ 838,490  | \$ 762,322  | \$ 761,386  | \$ 725,670  | \$ 615,151  |
| <b>Recapitulation:</b>                  |             |             |             |             |             |
| Educational .....                       | \$5,054,540 | \$4,923,670 | \$4,762,061 | \$4,803,870 | \$5,539,605 |
| Eleemosynary .....                      | 963,729     | 1,023,402   | 935,955     | 937,470     | 923,651     |
| Penal and reform.....                   | 838,490     | 762,322     | 761,386     | 725,670     | 615,151     |
| Grand total.....                        | \$6,856,759 | \$6,709,394 | \$6,459,402 | \$6,467,010 | \$7,078,407 |

†Includes deficiency for previous years.

Note.—Figures used in above table are for fiscal years ending November 30. Due to change in fiscal year, 1929 figures, which cover only seven months, are not comparable and are omitted.

## POPULATION OF STATE INSTITUTIONS

(November 30 of Years Named)

| INSTITUTION                                     | 1930  | 1929  | 1928  | 1927  | 1926  | 1925  | 1919  | 1914  |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Industrial school for boys.....                 | 237   | 247   | 274   | 289   | 257   | 193   | 337   | 293   |
| Industrial school for girls.....                | 130   | 135   | 125   | 141   | 139   | 125   | 136   | 122   |
| Reformatory.....                                | 215   | 155   | 159   | 189   | 171   | 222   | 157   | 137   |
| <b>Home and training schools:</b>               |       |       |       |       |       |       |       |       |
| Grand Junction.....                             | 263   | 260   | 252   | 254   | 271   | 250   | •     | •     |
| Ridge.....                                      | 148   | 108   | 89    | 74    | 78    | 80    | 73    | 80    |
| Soldiers' and Sailors' Home.....                | 230   | 185   | 160   | 160   | 203   | 219   | 153   | 188   |
| Insane hospital.....                            | 2,944 | 2,898 | 2,843 | 2,750 | 2,617 | 2,461 | 1,926 | 1,176 |
| Penitentiary.....                               | 1,124 | 1,061 | 1,036 | 1,065 | 958   | 964   | 571   | 352   |
| Workshop for blind.....                         | 27    | 27    | 16    | 16    | 13    | 13    | 18    | 18    |
| Home for dependent and neglected children ..... | 309   | 198   | 192   | 158   | 135   | 147   | 192   | 236   |
| Totals .....                                    | 5,627 | 5,274 | 5,146 | 5,096 | 4,842 | 4,674 | 3,563 | 2,602 |

DISBURSEMENTS OF STATE INSTITUTIONS FOR YEAR ENDING NOVEMBER 30, 1928  
(From Report of the Public Examiner)

|                                       | Salaries       |          | Maintenance    |          | Equipment     |          | Lands, Bldgs. |          | Miscellaneous |          | Total          |
|---------------------------------------|----------------|----------|----------------|----------|---------------|----------|---------------|----------|---------------|----------|----------------|
|                                       | Amount         | Per Cent | Amount         | Per Cent | Amount        | Per Cent | Amount        | Per Cent | Amount        | Per Cent |                |
| Educational :                         |                |          |                |          |               |          |               |          |               |          |                |
| Agricultural college-----             | \$ 812,725.38  | 61.9     | \$ 305,557.56  | 23.3     | \$ 19,918.52  | 1.5      | \$ 90,602.03  | 6.9      | \$ 83,519.51  | 6.4      | \$1,312,223.00 |
| Fort Lewis-----                       | 45,364.32      | 37.7     | 32,337.60      | 26.8     | 4,800.00      | 4.0      | 38,000.00     | 31.9     | -----         | ---      | 120,561.92     |
| Adams Normal-----                     | 50,110.59      | 82.4     | 6,999.12       | 11.5     | 2,537.92      | 4.2      | 1,100.45      | 1.8      | 46.00         | 0.1      | 60,794.08      |
| School of Mines-----                  | 201,571.20     | 54.4     | 88,739.79      | 24.4     | -----         | ---      | 24,718.60     | 6.8      | 48,743.43     | 13.4     | 363,773.02     |
| Teachers college-----                 | 396,739.21     | 61.4     | 94,635.44      | 14.7     | 17,135.13     | 2.7      | 44,878.62     | 6.9      | 92,400.87     | 14.3     | 645,789.27     |
| University of Colorado-----           | 1,181,781.90   | 56.7     | 621,933.64     | 29.9     | 19,238.41     | 0.9      | 179,909.09    | 8.7      | 79,980.97     | 3.8      | 2,082,694.01   |
| Western State-----                    | 125,148.67     | 56.7     | 28,386.46      | 14.9     | 652.28        | 0.4      | 4,694.62      | 2.4      | 31,387.52     | 16.5     | 190,169.55     |
| Deaf and Blind-----                   | 117,576.84     | 47.0     | 51,657.19      | 20.6     | 3,432.52      | 1.4      | 72,455.14     | 28.9     | 5,316.99      | 2.1      | 256,438.68     |
| Adams Normal Deficiency-----          | -----          | 0.0      | 27,856.39      | 100.0    | -----         | ---      | -----         | ---      | -----         | ---      | 27,856.39      |
| Total-----                            | \$2,931,018.11 | 58.0     | \$1,258,103.19 | 24.9     | \$ 67,764.78  | 1.3      | \$ 456,258.55 | 9.0      | \$ 341,395.29 | 6.8      | \$5,054,539.92 |
| Penal and Reform :                    |                |          |                |          |               |          |               |          |               |          |                |
| Penitentiary-----                     | \$ 129,725.29  | 27.1     | \$ 274,173.94  | 57.3     | \$ 25,000.00  | 5.2      | -----         | ---      | \$ 49,853.80  | 10.4     | \$ 478,753.03  |
| Reformatory-----                      | 41,465.56      | 31.7     | 72,884.43      | 55.8     | 6,120.90      | 4.7      | 6,500.00      | 5.0      | 3,732.42      | 2.8      | 130,703.31     |
| Boys' Industrial School-----          | 59,220.58      | 25.5     | 98,928.28      | 59.4     | 1,121.79      | 0.7      | 3,945.89      | 2.4      | 3,437.25      | 2.0      | 166,653.79     |
| Girls' Industrial School-----         | 25,441.79      | 40.8     | 32,851.70      | 52.7     | 845.30        | 1.3      | 2,113.31      | 3.4      | 1,128.26      | 1.8      | 62,330.36      |
| Total-----                            | \$ 255,553.22  | 30.5     | \$ 478,838.35  | 57.1     | \$ 33,087.99  | 3.9      | \$ 12,559.20  | 1.5      | \$ 58,151.73  | 7.0      | \$ 338,490.49  |
| Eleemosynary :                        |                |          |                |          |               |          |               |          |               |          |                |
| Dependent and neglected children----- | \$ 28,613.48   | 35.8     | \$ 51,227.12   | 64.0     | -----         | ---      | 35.55         | ---      | \$ 163.27     | 0.2      | \$ 80,039.42   |
| Insane asylum-----                    | 210,790.70     | 34.7     | 379,200.54     | 62.4     | \$ 1,000.00   | 0.1      | 10,944.41     | 1.8      | 6,217.63      | 1.0      | 608,153.28     |
| Mental defectives, Ridge-----         | 15,557.92      | 44.0     | 19,763.86      | 56.0     | -----         | ---      | -----         | ---      | 2.43          | ---      | 35,324.21      |
| Mental defectives, Grand Junct'n----- | 28,427.55      | 28.9     | 67,379.40      | 68.4     | 544.20        | 0.6      | 2,047.20      | 2.1      | -----         | ---      | 98,398.35      |
| Soldiers' & Sailors' Home-----        | 29,431.02      | 29.8     | 50,503.23      | 51.2     | 7,005.40      | 7.1      | 11,690.64     | 11.9     | -----         | ---      | 98,630.29      |
| Workshop for blind-----               | 18,323.16      | 42.4     | 4,041.50       | 9.4      | -----         | ---      | -----         | ---      | 20,818.39     | 48.2     | 43,183.05      |
| Total-----                            | \$ 331,143.83  | 34.4     | \$ 572,115.65  | 59.4     | \$ 8,549.60   | 0.8      | \$ 24,717.80  | 2.6      | \$ 27,201.72  | 2.8      | \$ 663,728.60  |
| Recapitulation :                      |                |          |                |          |               |          |               |          |               |          |                |
| Educational-----                      | \$2,931,018.11 | 58.0     | \$1,258,103.19 | 24.9     | \$ 67,764.78  | 1.3      | \$ 456,258.55 | 9.6      | \$ 341,395.29 | 6.8      | \$5,054,539.92 |
| Penal and reform-----                 | 255,553.22     | 30.5     | 478,838.35     | 57.1     | 33,087.99     | 3.9      | 12,559.20     | 1.5      | 58,151.73     | 7.0      | 338,490.49     |
| Eleemosynary-----                     | 331,143.83     | 34.4     | 572,115.65     | 59.4     | 8,549.60      | 0.8      | 24,717.80     | 2.6      | 27,201.72     | 2.8      | 663,728.60     |
| Grand total-----                      | \$3,518,015.16 | 51.3     | \$2,309,057.19 | 33.7     | \$ 109,402.37 | 1.6      | \$ 493,535.55 | 7.2      | \$ 426,748.74 | 6.2      | \$6,856,759.01 |

INVENTORY OF STATE PROPERTY, JUNE 30, 1930  
(From Report of State Auditor)

| Institution                            | Lands        | Buildings and Improvements | Machinery, Equipment and Supplies | Furniture and Fixtures | Libraries and Collections | Autos, Trucks and Tractors | Live Stock | Water, Coal and Mineral Rights | Cash on Hand  | Total         |
|--|--------------|----------------------------|-----------------------------------|------------------------|---------------------------|----------------------------|------------|--------------------------------|---------------|---------------|
|  | \$           | \$                         | \$                                | \$                     | \$                        | \$                         | \$         |                                | \$            | \$            |
| Adams Normal school.....               | 18,614       | 184,495                    | 3,619                             | 12,733                 | 6,098                     | 912                        | ---        | ---                            | 3,467         | 229,938       |
| Fort Lewis School.....                 | 102,400      | 369,200                    | 48,243                            | 26,081                 | 2,781                     | 14,163                     | 15,237     | ---                            | ---           | 578,105       |
| Agricultural college.....              | 350,000      | 3,100,000                  | 247,946                           | 127,204                | 194,133                   | 14,741                     | 48,962     | ---                            | 107,997       | 4,190,983     |
| Deaf and blind school.....             | 45,800       | 920,722                    | 68,989                            | 66,389                 | 1,500                     | 5,742                      | ---        | ---                            | 1,000         | 1,112,838     |
| School of mines.....                   | 136,705      | 473,876                    | 329,940                           | 106,377                | 60,801                    | 1,873                      | ---        | ---                            | 32,062        | 1,141,634     |
| State university.....                  | 406,086      | 5,376,277                  | 561,953                           | 267,820                | 479,159                   | 25,663                     | ---        | ---                            | 344,904       | 7,461,612     |
| Teachers college.....                  | 210,000      | 1,275,433                  | 26,500                            | 324,536                | 40,000                    | 1,800                      | ---        | ---                            | 1,000         | 1,879,269     |
| Western State college.....             | 8,255        | 419,942                    | 36,760                            | 50,659                 | 34,079                    | 1,652                      | ---        | ---                            | 19,532        | 570,879       |
| Penitentiary.....                      | 75,000       | 1,250,000                  | 119,000                           | 5,000                  | 200                       | 12,500                     | 26,800     | 4,000                          | 15,326        | 1,507,826     |
| Reformatory.....                       | 26,775       | 248,450                    | 35,325                            | 14,000                 | 2,000                     | 9,753                      | 73,000     | 11,500                         | 1,000         | 421,808       |
| Industrial school, boys.....           | 63,175       | 383,654                    | 70,729                            | 10,398                 | 1,562                     | 6,733                      | 14,439     | 9,000                          | 3,909         | 563,599       |
| Industrial school, girls.....          | 10,500       | 266,870                    | 28,775                            | 16,375                 | 500                       | 700                        | 1,505      | 4,950                          | 2,744         | 333,619       |
| Dependent and neglected children.....  | 37,500       | 196,514                    | 27,449                            | 17,780                 | 1,200                     | 1,379                      | 7,650      | ---                            | 1,738         | 291,210       |
| Hospital for the insane.....           | 208,000      | 1,602,560                  | 178,452                           | 195,000                | 600                       | 7,000                      | 37,471     | 19,725                         | 6,000         | 2,254,748     |
| Mental defectives, Grand Junction..... | 18,320       | 394,124                    | 19,045                            | 60,000                 | 200                       | 2,459                      | 4,800      | 1,600                          | 1,000         | 501,548       |
| Mental defectives, Ridge.....          | 62,279       | 237,743                    | 14,393                            | 14,556                 | 428                       | 300                        | 3,665      | 7,700                          | ---           | 341,064       |
| Soldiers' and Sailors' home.....       | 37,000       | 317,233                    | 68,273                            | 27,935                 | 313                       | 7,028                      | 7,000      | 8,800                          | ---           | 474,582       |
| Workshop for the blind.....            | ---          | 12,000                     | 20,000                            | 1,500                  | ---                       | ---                        | ---        | ---                            | 153           | 33,653        |
| Capitol managers.....                  | 1,198,500    | 7,600,000                  | 126,375                           | 365,557                | ---                       | ---                        | ---        | ---                            | ---           | 9,290,432     |
| Game and fish department.....          | 150,000      | 737,550                    | 20,000                            | 2,500                  | ---                       | 11,345                     | ---        | ---                            | ---           | 921,395       |
| Highway commission.....                | 5,000        | 36,338,809                 | 11,000                            | 20,500                 | ---                       | 535,740                    | 500        | ---                            | 14,400        | 36,925,949    |
| Land board.....                        | 46,979,584   | ---                        | 3,429                             | 11,510                 | 115                       | 1,458                      | ---        | 100,000,000                    | 167           | 146,996,263   |
| Military department.....               | 166,086      | 846,043                    | 13,409                            | 7,125                  | 150                       | 725                        | ---        | ---                            | ---           | 1,033,538     |
| State fair.....                        | 22,500       | 250,000                    | 5,000                             | 2,000                  | ---                       | ---                        | ---        | ---                            | 624           | 280,124       |
| Miscellaneous departments.....         | ---          | ---                        | 59,124                            | 64,576                 | 444,268                   | 16,832                     | ---        | ---                            | 10,154,692    | 10,739,492    |
| Totals.....                            | \$50,338,029 | \$62,801,535               | \$ 2,142,824                      | \$ 1,819,111           | \$ 1,270,087              | \$ 677,756                 | \$ 246,771 | \$100,067,275                  | \$ 10,712,715 | \$230,076,103 |



# INVENTORY VALUE OF STATE PROPERTY

(From Reports of State Examiner)

Note.—Another table shows inventory as of June 30, 1930, classified as to institutions and departments.

| Classification                                   | June 30, 1930 | Nov. 30, 1928 | Nov. 30, 1926 |
|--|---------------|---------------|---------------|
| Lands .....                                      | \$ 50,338,029 | \$ 45,988,877 | \$ 45,015,148 |
| Buildings and improvements.....                  | 62,801,535    | 57,840,578    | 55,086,235    |
| Machinery .....                                  | 610,414       | 651,445       | 605,796       |
| Tools and equipment.....                         | 1,216,291     | 1,860,859     | 1,043,260     |
| Furniture and office equipment.....              | 1,819,111     | 1,617,706     | 1,361,230     |
| Libraries and collections.....                   | 1,270,987     | 1,364,061     | 1,261,301     |
| Automobiles, trucks, etc.....                    | 686,756       | 186,286       | 173,021       |
| General supplies.....                            | 307,119       | 292,569       | 367,729       |
| Livestock .....                                  | 246,771       | 239,042       | 204,713       |
| Land, water and mineral rights.....              | 100,067,275   | 100,045,748   | 103,246,680   |
| Cash in funds, institutions and departments..... | 10,712,715    | 7,192,439     | 4,561,094     |
| Totals .....                                     | \$230,076,103 | \$217,279,610 | \$212,916,207 |

## Highways and Highway Revenues

COLORADO has been conducting an aggressive highway construction program for a number of years, which is resulting in giving the state a system of highways comparable with any in the Union. It is estimated that more than \$137,000,000 was expended for this purpose by all agencies in the state from 1910 to 1930, inclusive, covering the building of new roads, maintenance and administrative expenses. This is exclusive of street construction in cities and towns and in the Denver mountain parks system.

The state at the beginning of 1931 had 68,740 miles of state and county roads, according to surveys made by the United States bureau of public roads and the state highway commission. Of the total, 9,234 miles comprise what is known as state highways and 59,506 miles are county roads. The system of state and county highways is divided into the following types of road:

| Type                                     | Miles    |
|--|----------|
| Hard surfaced.....                       | 399.8    |
| Surfaced with gravel and sand clay ..... | 7,188.9  |
| Graded .....                             | 9,637.7  |
| Unimproved .....                         | 51,514.3 |
| Total .....                              | 68,740.7 |

Some of the roads classed as unimproved have been surfaced to some extent, but not in accordance with the specifications under which the classifications are made. A table published herewith gives the mileage of state and county highways by counties and by classes as of January 1, 1931.

Highway construction and maintenance in the state are carried on

through several agencies. The principal agency is the state highway department, which consists of the governor, the state highway engineer, highway advisory board, and such assistants, clerks and employees 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 the seven divisions.

The personnel of the state highway department is as follows:

STATE HIGHWAY ENGINEER  
Charles D. Vail

### ADVISORY BOARD

#### Dist.

- 1 Peter Seerie, Chairman.....Denver
- 2 William Weiser.....Grand Junction
- 3 I. F. Beauchamp.....Trinidad
- 4 E. G. Middlekamp.....Pueblo
- 5 Jefferson H. Davis..Colorado Springs
- 6 L. C. Moore.....Fort Collins
- 7 Frank H. Blair.....Sterling

## GENERAL OFFICE

O. T. Reedy.....Senior Assistant Engineer  
 J. E. Maloney.....Assistant Engineer  
 Robt. H. Higgins.....Supt. of Maintenance  
 John P. Donovan.....Maintenance Engineer  
 Paul Bailey.....Bridge Engineer  
 Roy Randall.....Office Engineer  
 John Marshall.....Chief Draftsman  
 Edwin Mitchell.....Auditor  
 Roy F. Smith.....Chief Clerk

## DIVISION ENGINEERS

## Div.

1 E. E. Montgomery.....Denver  
 2 J. J. Vandermoer.....Grand Junction  
 3 J. R. Cheney.....Durango  
 4 James D. Bell.....Pueblo  
 5 Ernest Montgomery.....Colorado Springs  
 6 H. L. Jenness.....Glenwood Springs  
 7 A. B. Collins.....Greeley

Owing to geographical conditions and mountain barriers, the highway advisory board districts do not correspond with the engineering and maintenance divisions. There are six of the latter with 10 assistant superintendents of maintenance, the list including the following, with headquarters as indicated:

| Div. | Superintendent         | Headquarters      |
|------|------------------------|-------------------|
| 1    | John Stamm.....        | Denver            |
|      | Warren T. Murnan.....  | Denver            |
| 2    | George Toupain.....    | Grand Junction    |
|      | Edwin R. Bowie.....    | Grand Junction    |
| 3    | Joseph Shea.....       | Durango           |
|      | C. M. Terrel.....      | Durango           |
| 4    | D. N. Stewart.....     | Pueblo            |
| 5    | Robert E. Norvell..... | Limon             |
| 6    | J. O. Francisco.....   | Steamboat Springs |
|      | Frank Drescher.....    | Steamboat Springs |

The United States bureau of public roads co-operates with the state highway department and maintains a district office in Denver. The federal government joins with the state in the cost of construction of numerous projects and furnishes a large part of the funds used for that purpose. In 1930 the government provided 34.4 per cent of the total revenues of the state highway department, while 56.5 per cent of the total expenditure by the department was on federal aid projects.

The United States forest service constructs numerous roads and trails in and adjacent to the national forests, and expended for that purpose in 1929 a total of \$419,564. This department co-operates with the counties and state in this work and a certain per cent of its revenues from the operation of the forests goes to the counties for road purposes. Additional information on forest road construction will be found elsewhere in this volume under "National Forests."

The boards of county commissioners of the several counties have absolute jurisdiction over the construction and maintenance of county roads. The

funds for this work come out of county revenues. The state highway department does all of the maintenance work on all of the federal aid highways and the counties maintain the remainder of the state highways which are not part of the federal aid system. There are 16 counties which have little or no federal aid road. In these 16 counties the counties maintain the state highways and the state pays one-half of the cost.

The total cost of highway construction in Colorado, exclusive of streets in cities and towns and highways in the Denver mountain park system, as reported by all agencies, was \$12,928,604. County disbursements, as shown by a table published herewith, amounted to \$5,946,793. This item includes, however, \$537,023.98 which was transferred from the state highway fund to county road funds. This item appears in accompanying tables of disbursement, since it was handled by both agencies. After eliminating the duplications, the expenditures were as follows:

|                                  |                     |
|----------------------------------|---------------------|
| By counties.....                 | \$ 5,409,769        |
| By state highway department..... | 7,099,271           |
| By forest service.....           | 419,564             |
| <b>Total .....</b>               | <b>\$12,928,604</b> |

The total expenditures by these agencies, by years, before eliminating the duplications, are as follows:

|            |                |
|------------|----------------|
| 1925 ..... | \$11,538,804   |
| 1926 ..... | 10,248,179     |
| 1927 ..... | (not compiled) |
| 1928 ..... | 12,502,418     |
| 1929 ..... | 11,607,043     |
| 1930 ..... | 13,465,628     |

The figures of the state highway department for 1929 used in this chapter cover 13 months, the fiscal year being changed to the calendar year in order to put the department on the same basis as other states for comparative purposes.

The sources of state highway funds, by years, are shown in a table published herewith, and disbursements by years and classification are given in another table.

The status of state highway funds for 1930 was as follows:

|                         |             |
|-------------------------|-------------|
| Balance, January 1..... | \$1,330,136 |
| Receipts .....          | 6,674,898   |

|                     |                    |
|---------------------|--------------------|
| <b>Total .....</b>  | <b>\$8,005,034</b> |
| Disbursements ..... | 7,099,271          |

|                           |            |
|---------------------------|------------|
| Balance, December 31..... | \$ 905,763 |
|---------------------------|------------|

The following chart shows the division of the dollar as expended by the state highway department in 1930.

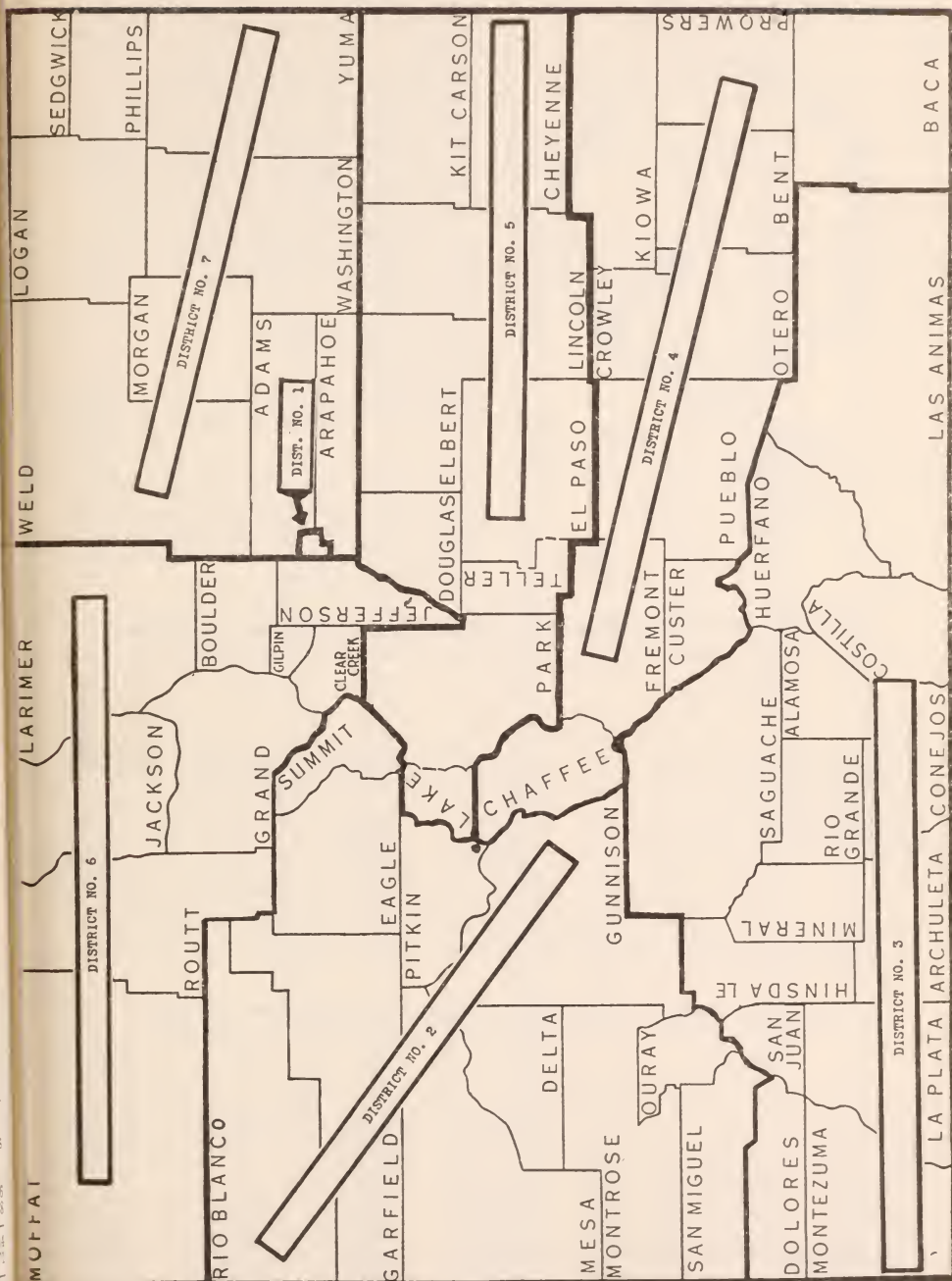
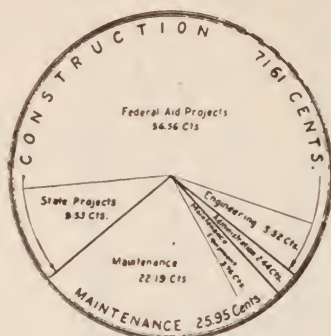


Chart Showing Boundaries of the Highway Districts Having Representation on the Advisory Board



**COLORADO STATE HIGHWAY DEPARTMENT**  
**HOW THE HIGHWAY DOLLAR WAS EXPENDED**  
**FOR THE YEAR 1930.**



**SUMMARY.**

|                       |         |
|-----------------------|---------|
| Administration        | 2.44%   |
| Maintenance           | 22.19%  |
| Maintenance Equipment | 3.76%   |
| Total Maintenance     | 25.95%  |
| Construction          |         |
| Federal Aid Projects  | 36.36%  |
| State Projects        | 9.33%   |
| Engineering           | 3.82%   |
| Total Construction    | 71.61%  |
| Total                 | 100.00% |

The funds supplied by the government towards the construction of federal aid projects are governed by certain regulations which result in a division of costs that varies on different projects but, as a rule, the government pays about 56.22 per cent of the construction cost of the projects. The state does the locating and engineering work at its own expense, and after a project is approved by the bureau of roads the government stands half the cost, not to exceed \$30,000 a mile.

The federal census reports for 1925 show that the 58,026 farms in the state were located as follows with reference to roads:

|                                   |        |
|-----------------------------------|--------|
| Concrete or brick road            | 800    |
| Macadam road                      | 71     |
| Gravel road                       | 8,051  |
| Improved dirt road                | 24,961 |
| Unimproved dirt road              | 22,245 |
| All other, including not reported | 1,898  |

Total .....58,026

The following tables show, among other details of highway financing, the relative importance of federal aid contributions and the cost of constructing federal aid highways.

**SOURCES OF STATE HIGHWAY DEPARTMENT FUNDS, BY YEARS**

| SOURCE                       | 1930        | 1929*       | 1928        | 1927        |
|------------------------------|-------------|-------------|-------------|-------------|
| Taxes:                       |             |             |             |             |
| Half-mill levy               |             | \$ 432,872  | \$ 787,946  | \$ 762,527  |
| Gasoline tax                 | \$4,171,887 | 3,908,623   | 2,665,355   | 1,740,051   |
| U. S. Government:            |             |             |             |             |
| Federal aid                  | 2,298,636   | 1,879,435   | 1,730,450   | 1,148,156   |
| Internal improvement         | 75,000      | 64,300      | 69,200      | 70,600      |
| Bus licenses                 | 70,999      | 35,534      |             |             |
| County aid and miscellaneous | 58,376      | 38,767      | 62,276      | 109,800     |
| Total                        | \$6,674,898 | \$6,359,531 | \$5,315,227 | \$3,831,134 |

\*Figures for 1929 cover thirteen months in order to make fiscal year correspond with the calendar year.

**DISBURSEMENTS OF STATE HIGHWAY FUNDS, BY YEARS**

| PURPOSE                           | 1930        | 1929*       | 1928        | 1927        |
|-----------------------------------|-------------|-------------|-------------|-------------|
| Federal aid projects              | \$4,343,773 | \$3,218,109 | \$3,650,829 | \$2,522,026 |
| State projects                    | 701,518     | 547,925     | 665,702     | 591,607     |
| Maintenance                       | 1,558,698   | 1,195,481   | 917,287     | 852,123     |
| Federal aid renewals              |             | 140,034     |             | 6,559       |
| Maintenance equipment and repairs | 236,220     | 360,185     | 486,951     |             |
| Property and equipment            | 30,388      | 74,930      | 28,935      | 24,756      |
| Surveys                           | 7,914       | 26,157      | 31,119      | 15,824      |
| Road signs and traffic census     | 23,042      | 21,771      | 6,755       | 30,532      |
| Administration                    | 172,947     | 174,024     | 115,394     | 101,593     |
| Compensation insurance            | 24,771      | 10,618      | 13,030      | 19,784      |
| Total                             | \$7,099,271 | \$5,769,234 | \$5,916,002 | \$4,164,804 |

\*Figures for 1929 cover thirteen months in order to make the fiscal year the same as the calendar year.

MILEAGE OF HIGHWAYS IN COLORADO AT BEGINNING OF 1931

(Compiled from Records of U. S. Bureau of Public Roads and State Highway Commission)

| COUNTY      | State Roads           |                          |         |                 |                | County Roads             |         |                 |                 |          | Total<br>State &<br>County |
|-------------|-----------------------|--------------------------|---------|-----------------|----------------|--------------------------|---------|-----------------|-----------------|----------|----------------------------|
|             | Hard<br>Sur-<br>faced | Gravel<br>& Sand<br>Clay | Graded  | Unim-<br>proved | Total<br>State | Gravel<br>& Sand<br>Clay | Graded  | Unim-<br>proved | Total<br>County |          |                            |
| Adams       | 26.9                  | 65.8                     | 4.4     | ----            | 97.1           | 198.7                    | 244.0   | 1,016.0         | 1,458.7         | 1,555.8  |                            |
| Alamosa     | -----                 | 32.7                     | 72.9    | 8.5             | 114.1          | 69.0                     | -----   | 347.0           | 416.0           | 530.1    |                            |
| Arapahoe    | 13.5                  | 68.6                     | 22.8    | -----           | 104.9          | 97.0                     | -----   | 400.0           | 500.0           | 604.9    |                            |
| Archuleta   | -----                 | 25.4                     | 77.9    | -----           | 103.3          | 15.0                     | 35.0    | 356.7           | 406.7           | 510.0    |                            |
| Baca        | -----                 | 16.1                     | 222.5   | -----           | 238.6          | -----                    | 16.0    | 445.0           | 461.0           | 699.6    |                            |
| Bent        | 6.7                   | 32.0                     | 34.1    | -----           | 72.8           | -----                    | -----   | 759.0           | 759.0           | 831.8    |                            |
| Boulder     | 32.7                  | 56.0                     | 51.2    | -----           | 139.9          | 61.1                     | -----   | 630.0           | 691.1           | 831.0    |                            |
| Chaffee     | -----                 | 49.2                     | 44.3    | -----           | 93.5           | 17.0                     | 10.0    | 229.4           | 256.4           | 349.9    |                            |
| Cheyenne    | -----                 | 89.3                     | 38.3    | -----           | 127.6          | 7.0                      | 73.0    | 757.0           | 837.0           | 964.6    |                            |
| Clear Creek | -----                 | 51.9                     | 52.8    | 3.8             | 108.5          | -----                    | 10.0    | 88.0            | 98.0            | 206.5    |                            |
| Conejos     | -----                 | 38.6                     | 92.0    | -----           | 130.6          | 7.1                      | -----   | 484.9           | 492.0           | 622.6    |                            |
| Costilla    | -----                 | 43.4                     | 64.4    | 21.5            | 129.3          | -----                    | 13.0    | 169.0           | 182.0           | 311.3    |                            |
| Crowley     | -----                 | 39.6                     | 24.2    | -----           | 63.8           | 30.0                     | 40.0    | 724.0           | 794.0           | 857.8    |                            |
| Custer      | -----                 | 8.5                      | 87.0    | -----           | 95.5           | 5.0                      | -----   | 600.0           | 605.0           | 700.5    |                            |
| Delta       | -----                 | 53.0                     | 66.8    | -----           | 119.8          | -----                    | 35.5    | 440.0           | 475.5           | 595.3    |                            |
| Denver      | -----                 | -----                    | -----   | -----           | -----          | -----                    | -----   | -----           | -----           | -----    |                            |
| Dolores     | -----                 | -----                    | 71.5    | -----           | 71.5           | -----                    | 9.6     | 200.0           | 209.6           | 281.1    |                            |
| Douglas     | 36.4                  | 82.1                     | 35.9    | -----           | 154.4          | 130.0                    | -----   | 370.0           | 500.0           | 654.4    |                            |
| Eagle       | -----                 | 48.2                     | 71.3    | 8.9             | 128.4          | 10.0                     | -----   | 251.8           | 261.8           | 390.2    |                            |
| Elbert      | -----                 | 59.2                     | 69.6    | -----           | 128.8          | -----                    | 41.8    | 1,650.2         | 1,692.0         | 1,820.8  |                            |
| El Paso     | 49.1                  | 121.5                    | 70.6    | 6.0             | 247.2          | 345.7                    | 926.0   | 1,785.8         | 3,057.5         | 3,304.7  |                            |
| Fremont     | 2.1                   | 80.1                     | 82.7    | 16.0            | 180.9          | -----                    | 12.0    | 16.0            | 172.0           | 352.9    |                            |
| Garfield    | -----                 | 64.1                     | 84.5    | 7.5             | 156.1          | -----                    | 25.0    | 1,290.0         | 1,315.0         | 1,471.1  |                            |
| Gilpin      | -----                 | 4.0                      | 32.1    | -----           | 36.1           | 11.0                     | -----   | 163.0           | 174.0           | 210.1    |                            |
| Grand       | -----                 | 70.6                     | 122.3   | 0.1             | 193.0          | -----                    | 61.0    | 91.0            | 152.0           | 345.0    |                            |
| Gunnison    | -----                 | 58.7                     | 177.9   | 21.7            | 258.3          | 18.0                     | -----   | 218.0           | 236.0           | 494.3    |                            |
| Hinsdale    | -----                 | -----                    | 48.6    | -----           | 48.6           | -----                    | 49.0    | 75.0            | 124.0           | 172.6    |                            |
| Huerfano    | -----                 | 45.9                     | 87.9    | 6.5             | 140.3          | 8.0                      | -----   | 380.0           | 388.0           | 528.3    |                            |
| Jackson     | -----                 | 68.0                     | 68.1    | -----           | 136.1          | -----                    | -----   | 256.0           | 256.0           | 392.1    |                            |
| Jefferson   | 22.5                  | 130.2                    | 70.3    | 17.1            | 240.1          | 6.5                      | 184.5   | 900.0           | 1,091.0         | 1,331.1  |                            |
| Kiowa       | -----                 | 57.4                     | 88.7    | -----           | 146.1          | 48.0                     | -----   | 615.0           | 663.0           | 809.1    |                            |
| Kit Carson  | -----                 | 103.3                    | 71.5    | -----           | 174.8          | -----                    | 20.0    | 1,485.0         | 1,505.0         | 1,679.8  |                            |
| Lake        | -----                 | 52.7                     | 22.0    | -----           | 74.7           | -----                    | -----   | 80.0            | 80.0            | 154.7    |                            |
| La Plata    | -----                 | 72.5                     | 28.9    | -----           | 101.4          | 65.0                     | 25.1    | 1,400.0         | 1,490.1         | 1,591.5  |                            |
| Larimer     | 23.1                  | 114.8                    | 117.4   | 1.3             | 256.6          | 264.0                    | 153.0   | 650.0           | 1,068.2         | 1,324.8  |                            |
| Las Animas  | 20.9                  | 91.5                     | 140.8   | 18.0            | 271.2          | 32.7                     | 155.0   | 5,560.0         | 5,747.7         | 6,018.9  |                            |
| Lincoln     | -----                 | 108.0                    | 212.9   | -----           | 320.9          | -----                    | 38.0    | 941.0           | 979.0           | 1,299.9  |                            |
| Logan       | 15.7                  | 159.7                    | -----   | -----           | 175.4          | 70.5                     | 37.5    | 2,490.0         | 2,598.0         | 2,773.4  |                            |
| Mesa        | 5.9                   | 67.8                     | 150.8   | -----           | 224.5          | 18.0                     | 108.0   | 2,328.0         | 2,454.0         | 2,678.5  |                            |
| Mineral     | -----                 | 3.8                      | 63.3    | -----           | 67.1           | 15.0                     | -----   | 27.9            | 42.9            | 110.0    |                            |
| Moffat      | -----                 | 39.0                     | 136.8   | -----           | 175.8          | 20.0                     | 20.0    | 860.0           | 900.0           | 1,075.8  |                            |
| Montezuma   | -----                 | 53.1                     | 84.6    | -----           | 137.7          | 6.2                      | 303.8   | 800.0           | 1,110.0         | 1,247.7  |                            |
| Montrose    | -----                 | 60.0                     | 158.1   | 16.2            | 234.3          | 7.0                      | 73.2    | 879.8           | 960.0           | 1,194.3  |                            |
| Morgan      | 35.0                  | 73.5                     | 18.7    | 9.0             | 136.2          | 51.0                     | 192.0   | 913.0           | 1,156.0         | 1,292.2  |                            |
| Otero       | 15.5                  | 13.4                     | 64.0    | -----           | 92.9           | 43.2                     | 15.0    | 1,440.4         | 1,498.6         | 1,591.5  |                            |
| Duray       | -----                 | 24.7                     | 24.8    | -----           | 49.5           | 52.0                     | 21.4    | 192.6           | 266.0           | 315.5    |                            |
| Park        | -----                 | 98.0                     | 86.6    | 8.7             | 193.3          | -----                    | 3.0     | 270.0           | 273.0           | 466.3    |                            |
| Phillips    | -----                 | 100.4                    | -----   | -----           | 100.4          | 152.0                    | -----   | 648.0           | 800.0           | 900.4    |                            |
| Pitkin      | -----                 | -----                    | 81.3    | 6.7             | 88.0           | 10.0                     | -----   | 114.0           | 124.0           | 212.0    |                            |
| Prowers     | 1.7                   | 83.1                     | 108.4   | -----           | 193.2          | 96.5                     | 49.1    | 580.0           | 727.0           | 920.2    |                            |
| Pueblo      | 30.8                  | 102.7                    | 66.1    | -----           | 199.6          | 200.0                    | 96.0    | 1,400.0         | 1,696.0         | 1,895.6  |                            |
| San Blanco  | -----                 | 41.5                     | 151.5   | 13.3            | 206.3          | -----                    | 9.0     | 350.0           | 359.0           | 565.3    |                            |
| San Grande  | 2.1                   | 40.8                     | 43.3    | -----           | 86.2           | -----                    | -----   | 231.0           | 231.0           | 317.2    |                            |
| Soutt       | -----                 | 38.5                     | 129.0   | 16.2            | 183.7          | 10.0                     | 20.0    | 1,731.0         | 1,761.0         | 1,944.7  |                            |
| Saguache    | -----                 | 82.8                     | 86.0    | -----           | 168.8          | 61.0                     | 44.0    | 994.3           | 1,099.3         | 1,268.1  |                            |
| San Juan    | -----                 | 35.1                     | 5.0     | 4.5             | 44.6           | 4.0                      | -----   | 88.7            | 92.7            | 137.3    |                            |
| San Miguel  | -----                 | 8.3                      | 122.7   | 12.0            | 143.0          | 6.5                      | 5.0     | 403.0           | 414.5           | 557.5    |                            |
| Seadwick    | -----                 | 63.1                     | 9.0     | -----           | 72.1           | 56.0                     | 100.0   | 444.0           | 600.0           | 672.1    |                            |
| Summit      | -----                 | 11.8                     | 63.0    | 17.9            | 92.7           | 16.0                     | 0.3     | 21.7            | 38.0            | 130.7    |                            |
| Teller      | -----                 | 52.7                     | 38.2    | 12.3            | 103.2          | 20.8                     | 39.0    | 202.0           | 261.8           | 365.0    |                            |
| Vashington  | 7.4                   | 154.6                    | 97.8    | -----           | 259.8          | 3.0                      | 49.0    | 2,802.0         | 2,854.0         | 3,113.8  |                            |
| Veld        | 46.2                  | 228.4                    | 75.1    | 4.3             | 354.0          | 800.0                    | 1,575.0 | 3,625.0         | 6,000.0         | 6,354.0  |                            |
| Wuma        | -----                 | 241.5                    | 6.0     | -----           | 247.5          | 43.2                     | 99.7    | 1,452.1         | 1,595.0         | 1,842.5  |                            |
| State       | 394.2                 | 3,981.2                  | 4,601.2 | 258.0           | 9,234.6        | 3,207.7                  | 5,036.5 | 51,256.3        | 59,506.1        | 68,740.7 |                            |

This table does not include forest service roads or city streets. \*Total includes hard-surfaced county roads, omitted from table to save space, as follows: Arapahoe, 3.0 miles; Larimer, 1.2 miles; Prowers, .4 miles.

**COUNTY REVENUE FOR HIGHWAY PURPOSES IN 1930**  
(Supplied by the United States Bureau of Public Roads)

| COUNTY           | Balance<br>on Hand | General<br>County<br>Road Taxes | Motor<br>Vehicle<br>Fees | Gasoline<br>Taxes | Transfers<br>to Road<br>Fund | Miscel-<br>laneous | Totals        |
|------------------|--------------------|---------------------------------|--------------------------|-------------------|------------------------------|--------------------|---------------|
| Adams.....       | \$ 11,529.81       | \$ 91,676.35                    | \$ 21,163.10             | \$ 17,601.06      | \$ 4,195.60                  | \$ 3,465.48        | \$ 149,721.40 |
| Alamosa.....     | 15,325.62          | 14,783.81                       | 7,018.78                 | 19,760.02         | .....                        | 6,766.69           | 63,654.92     |
| Arapahoe.....    | 4,165.74           | 63,000.00                       | 20,343.39                | 13,360.95         | .....                        | 28,991.94          | *134,862.05   |
| Archuleta.....   | —4,826.34          | 9,381.27                        | 1,800.92                 | 16,812.33         | .....                        | 3,281.76           | 26,149.94     |
| Baca.....        | 18,221.73          | .....                           | 11,601.51                | 41,364.68         | 21,127.05                    | .....              | 92,314.97     |
| Bent.....        | 3,938.27           | 39,642.74                       | 6,445.03                 | 12,696.49         | .....                        | 5,907.47           | 68,630.00     |
| Boulder.....     | .....              | 137,711.15                      | 30,577.67                | 24,091.39         | 4,938.10                     | 5,835.95           | 203,154.26    |
| Chaffee.....     | 5,118.39           | 8,831.12                        | 5,449.82                 | 16,345.80         | 6,016.94                     | 2,331.44           | 44,163.51     |
| Cheyenne.....    | 27,693.92          | 6,882.82                        | 3,251.36                 | 22,207.61         | 5,878.88                     | 608.66             | 66,343.25     |
| Clear Creek..... | 14,916.76          | 12,394.00                       | 1,335.52                 | 18,943.08         | 1,545.36                     | 2,742.25           | 52,436.97     |
| Conejos.....     | —10,516.01         | 15,960.85                       | 5,239.35                 | 22,632.22         | 3,140.00                     | 2,566.95           | 39,023.36     |
| Costilla.....    | .....              | 1,796.19                        | 2,923.91                 | 22,567.72         | 5,499.07                     | 190.35             | 32,977.24     |
| Crowley.....     | 32,474.77          | .....                           | 4,991.12                 | 11,121.23         | 30,072.97                    | 914.96             | 79,575.05     |
| Custer.....      | —11,192.06         | 8,542.63                        | 2,589.44                 | 16,647.01         | 27,397.22                    | 1,704.00           | 45,688.24     |
| Delta.....       | 6,754.31           | 72,149.75                       | 11,830.24                | 20,492.10         | 11,000.00                    | .....              | 122,226.40    |
| Denver.....      | .....              | .....                           | .....                    | .....             | .....                        | .....              | .....         |
| Dolores.....     | 2,886.74           | 6,479.79                        | 759.37                   | 12,463.38         | 9,250.65                     | 8,521.73           | 40,361.66     |
| Douglas.....     | 1,948.02           | 30,739.64                       | 3,501.75                 | 28,442.98         | 9,397.50                     | 3,705.90           | 77,735.79     |
| Eagle.....       | —3,447.26          | 42,133.38                       | 3,334.68                 | 22,417.04         | .....                        | 8,104.47           | 72,542.31     |
| Elbert.....      | —7,554.49          | 45,066.03                       | 5,291.47                 | 22,437.42         | 3,078.82                     | 1,217.52           | 69,526.77     |
| El Paso.....     | 24,730.63          | 107,802.08                      | 44,727.31                | 43,094.31         | 14,356.12                    | 13,590.86          | 248,301.31    |
| Fremont.....     | .....              | 68,090.22                       | 14,359.87                | 30,686.40         | 5,821.19                     | 8,379.44           | 127,337.12    |
| Garfield.....    | 10,000.00          | 66,887.56                       | 7,823.94                 | 27,210.45         | .....                        | 17,684.53          | 129,606.48    |
| Gilpin.....      | .....              | .....                           | 1,020.00                 | 6,238.03          | 5,000.00                     | .....              | 12,213.03     |
| Grand.....       | .....              | 15,120.75                       | 1,811.61                 | 33,663.89         | .....                        | 2,779.47           | 53,375.72     |
| Gunnison.....    | 5,282.44           | 25,550.50                       | 5,615.39                 | 43,329.27         | 8,354.14                     | 9,404.18           | 97,535.92     |
| Hinsdale.....    | 1,481.40           | .....                           | 275.69                   | 8,470.76          | 14,594.39                    | 232.23             | 25,054.47     |
| Huerfano.....    | 2,845.58           | 63,249.33                       | 9,872.63                 | 24,560.99         | 4,000.00                     | 1,192.16           | 105,720.69    |
| Jackson.....     | 4,517.32           | 5,838.51                        | 1,505.03                 | 23,266.00         | 5,000.00                     | .....              | 49,249.76     |
| Jefferson.....   | 38,033.94          | 117,332.70                      | 22,436.11                | 36,243.13         | 21,220.00                    | 3,928.06           | 239,253.94    |



|                 |               |                 |               |                 |               |               |                 |
|-----------------|---------------|-----------------|---------------|-----------------|---------------|---------------|-----------------|
| Kiowa.....      | 5,485.97      | 51,976.30       | 4,177.89      | 25,467.33       | 3,194.17      | 2,256.26      | *35,131.19      |
| Kit Carson..... | 18,840.53     |                 | 9,065.08      | 30,470.01       |               |               | 115,802.35      |
| Lake.....       | 7,869.85      | 17,630.23       | 2,647.60      | 13,021.42       | 1,098.75      | 668.48        | 42,936.33       |
| La Plata.....   | 46.98         | 63,760.97       | 8,270.77      | 17,481.52       | 7,456.70      | 5,574.51      | 102,591.45      |
| Larimer.....    |               | 181,377.39      | 33,410.53     | 44,933.56       |               | 22,847.98     | 282,569.46      |
| Las Animas..... | 16,092.27     | 117,880.00      | 21,943.60     | 47,221.64       | 8,969.74      | 1,783.23      | 213,890.48      |
| Lincoln.....    | 6,695.60      | 45,958.04       | 6,864.61      | 55,937.34       | 5,243.34      | †24,594.60    | 145,293.53      |
| Logan.....      |               | 80,493.89       | 18,397.83     | 29,664.51       |               | 330.00        | 128,886.23      |
| Mesa.....       |               | 83,885.12       | 20,333.01     | 38,994.06       | 12,988.02     | 8,173.77      | 164,373.78      |
| Mineral.....    | 13,708.22     | 3,516.93        | 517.95        | 11,696.47       | 22,100.68     | 2,186.77      | 53,727.02       |
| Moffat.....     | 13,488.29     | 32,496.38       | 3,908.61      | 32,282.91       |               | 16,338.83     | 90,325.02       |
| Montezuma.....  | 4,331.24      | 27,729.45       | 5,642.06      | 24,004.36       |               | 8,337.05      | 70,044.16       |
| Montrose.....   | 8,434.03      | 8,386.63        | 8,456.89      | 41,120.73       |               | 5,544.78      | 102,393.06      |
| Morgan.....     |               | 65,000.00       | 18,244.46     | 20,986.53       |               | 10,000.00     | *114,230.99     |
| Otero.....      | 2,048.50      | 63,200.73       | 19,079.65     | 16,225.32       |               | 5,117.95      | 105,671.45      |
| Ouray.....      | 2,130.96      | 10,760.87       | 1,225.20      | 8,628.70        |               | 3,953.37      | 26,691.10       |
| Park.....       | 696.90        | 12,988.77       | 2,350.77      | 37,667.35       | 2,694.70      | 4,698.50      | 61,096.99       |
| Phillips.....   | 14,019.69     | 25,537.62       | 7,473.75      | 18,308.46       |               | 65,311.52     | 65,311.52       |
| Pitkin.....     | 9,876.79      | 8,204.45        | 12,798.60     | 15,357.28       | 8,581.74      | 7,111.86      | 43,746.70       |
| Prowers.....    | 852.00        | 62,806.62       | 12,730.36     | 33,695.02       |               | 7,504.08      | 117,588.28      |
| Pueblo.....     |               | 117,260.37      | 44,000.00     | 29,000.00       |               | 9,200.00      | 139,460.37      |
| Rio Blanco..... | 8,999.05      | 14,294.96       | 2,553.62      | 35,960.98       | 17,529.07     | 2,178.35      | 81,516.03       |
| Rio Grande..... | 8,212.38      | 26,159.64       | 9,677.08      | 15,025.84       | 1,818.07      | 3,789.39      | 64,683.00       |
| Routt.....      | 8,088.63      | 41,499.68       | 5,936.37      | 30,094.12       |               | 13,361.18     | 98,979.83       |
| Saguache.....   | 1,979.82      | 32,324.39       | 5,254.77      | 29,444.68       |               | 5,045.30      | 74,048.96       |
| San Juan.....   | 735.84        | 6,800.00        | 1,023.42      | 7,806.59        |               |               | *16,365.85      |
| San Miguel..... |               | 14,184.69       | 1,281.39      | 17,903.22       | 16,178.96     | 4,279.66      | 53,827.92       |
| Sedgwick.....   | 21,178.90     | 39,337.07       | 6,420.87      | 11,661.36       |               | 2,771.66      | 81,359.86       |
| Summit.....     | 7,246.48      | 12,637.53       | 6,45.81       | 16,156.61       |               | 8,080.21      | 44,766.64       |
| Teller.....     |               | 9,745.99        | 2,865.85      | 17,989.18       | 8,892.42      | 1,770.39      | 41,263.83       |
| Washington..... | 4,325.96      | 39,152.96       | 7,926.92      | 46,137.84       | 24,547.47     | 1,532.46      | 123,623.61      |
| Weld.....       | 45,501.98     | 313,187.71      | 60,860.13     | 59,266.82       | 156,670.60    | 13,290.13     | 648,777.37      |
| Yuma.....       | 9,580.93      | 50,241.81       | 12,939.23     | 43,142.79       | 18,175.55     | 2,319.79      | 136,400.10      |
| State.....      | \$ 434,607.02 | \$ 2,779,966.34 | \$ 626,502.79 | \$ 1,586,997.32 | \$ 537,023.98 | \$ 351,413.59 | \$ 6,346,511.04 |

Minus sign (—) means deficit.

\*Estimated, except M. V. Pees and Gasoline Tax represent actual payments to counties by state.

†Lincoln County warrants included in "Miscellaneous."

"Appropriations General Funds" are included in "Transfers to Road Fund," Baca \$21,127.05; Crowley \$15,100.71; Hinsdale \$5,734.07; Jefferson \$15,000.00; Kit Carson \$1,100.00; Rio Blanco \$10,775.50; Weld \$152,800.00.

**DISBURSEMENTS BY COUNTIES FOR HIGHWAY PURPOSES IN 1930**  
(Supplied by the United States Bureau of Public Roads.)

| COUNTY           | Construction |             | Maintenance  |             | Adminis-<br>tration<br>Overhead | Bond In-<br>terest and<br>Redemption<br>Fund | Miscel-<br>laneous | Total<br>Disburse-<br>ments | Balance<br>End of<br>Year | Total         |
|------------------|--------------|-------------|--------------|-------------|---------------------------------|--|--------------------|-----------------------------|---------------------------|---------------|
|                  | Roads        | Bridges     | Roads        | Bridges     |                                 |  |                    |                             |                           |               |
| Adams-----       | \$ 650.02    | \$ 2,760.43 | \$ 52,360.76 | \$ 5,520.87 | \$ 282.85                       | ---  | \$ 51,874.72       | \$ 113,449.65               | \$ 36,271.75              | \$ 149,721.40 |
| Alamosa-----     | -----        | -----       | 24,625.89    | 6,000.00    | -----                           | ---  | -----              | 30,625.89                   | 33,029.03                 | 63,654.92     |
| Arapahoe-----    | -----        | -----       | 120,362.05   | 10,000.00   | -----                           | ---  | -----              | 130,362.05                  | 4,500.00                  | 134,862.05    |
| Archuleta-----   | -----        | -----       | 16,694.00    | 2,500.00    | 1,800.00                        | ---  | -----              | 20,994.00                   | 5,545.94                  | 26,449.94     |
| Baca-----        | 1,500.00     | 3,050.00    | 85,514.97    | 2,250.00    | -----                           | ---  | -----              | 92,314.97                   | -----                     | 92,314.97     |
| Bent-----        | -----        | -----       | 62,414.69    | 6,215.31    | -----                           | ---  | -----              | 68,630.00                   | -----                     | 68,630.00     |
| Boulder-----     | 2,000.00     | 2,500.00    | 169,921.81   | 3,000.00    | 4,500.00                        | *\$20,741.64                                 | 490.81             | 203,154.26                  | -----                     | 203,154.26    |
| Chaffee-----     | 1,500.00     | 600.00      | 40,394.00    | 1,200.00    | -----                           | ---  | -----              | 44,294.00                   | -----                     | 44,163.51     |
| Cheyenne-----    | 5,737.50     | 1,780.50    | 20,000.00    | 3,445.49    | 350.00                          | ---  | 12,409.48          | 43,723.07                   | 22,620.18                 | 66,343.25     |
| Clear Creek----- | -----        | -----       | 42,501.57    | 2,000.00    | -----                           | ---  | -----              | 44,501.57                   | 7,935.40                  | 52,436.97     |
| Conejos-----     | -----        | -----       | 27,348.56    | 2,000.00    | -----                           | ---  | -----              | 29,348.56                   | 9,674.80                  | 39,023.36     |
| Costilla-----    | -----        | -----       | 28,377.24    | 4,000.00    | -----                           | ---  | -----              | 32,377.24                   | -----                     | 32,377.24     |
| Crowley-----     | 10,000.00    | -----       | 50,000.00    | 1,409.73    | -----                           | ---  | -----              | 61,409.73                   | 18,165.32                 | 79,575.05     |
| Custer-----      | 20,000.00    | 3,466.39    | 24,086.12    | 2,500.00    | -----                           | ---  | 1,362.13           | 51,414.64                   | -5,726.40                 | 45,688.24     |
| Delta-----       | 12,000.00    | 7,000.00    | 95,416.79    | 11,873.68   | 1,000.00                        | ---  | -----              | 127,290.47                  | -5,064.07                 | 122,226.40    |
| Denver-----      | -----        | -----       | 30,000.00    | 1,160.17    | -----                           | ---  | -----              | 35,660.17                   | 4,701.49                  | 40,361.66     |
| Dolores-----     | 3,000.00     | 1,500.00    | 63,813.44    | 22,597.84   | -----                           | ---  | 1,559.68           | 87,970.96                   | -10,235.17                | 77,735.79     |
| Douglas-----     | -----        | -----       | -----        | -----       | -----                           | ---  | -----              | -----                       | -----                     | -----         |
| Eagle-----       | -----        | -----       | 62,574.91    | 2,000.00    | -----                           | ---  | 6,263.10           | 70,838.01                   | 1,704.30                  | 72,542.31     |
| Elbert-----      | -----        | -----       | 98,000.00    | 4,994.03    | -----                           | ---  | -----              | 102,994.03                  | -33,467.26                | 69,526.77     |
| El Paso-----     | 100,000.00   | 13,311.80   | 70,000.00    | 5,541.20    | 8,778.49                        | ---  | 31,767.89          | 229,399.38                  | 18,901.93                 | 248,301.31    |
| Fremont-----     | 20,000.00    | 3,000.00    | 95,028.44    | 5,000.00    | 2,118.50                        | ---  | 2,428.20           | 127,575.14                  | -238.02                   | 127,337.12    |
| Garfield-----    | -----        | -----       | 108,059.50   | 10,000.00   | 5,240.50                        | ---  | 4,200.00           | 127,500.00                  | 2,106.48                  | 129,606.48    |
| Gipps-----       | 3,000.00     | 2,500.00    | 4,000.00     | 1,000.00    | 1,813.03                        | ---  | -----              | 12,313.03                   | -----                     | 12,313.03     |
| Gunnison-----    | 8,000.00     | 1,000.00    | 45,553.95    | 5,000.00    | -----                           | ---  | -----              | 50,553.95                   | 2,821.77                  | 53,375.72     |
| Hinsdale-----    | 5,304.14     | -----       | 75,971.04    | 2,000.00    | -----                           | ---  | -----              | 86,971.04                   | 10,564.88                 | 97,535.92     |
| Huerfano-----    | 26,580.00    | 9,000.00    | 10,155.01    | 3,000.00    | -----                           | ---  | 8,593.02           | 24,052.17                   | 1,002.30                  | 25,054.47     |
| Jackson-----     | -----        | -----       | 58,459.04    | -----       | 3,358.00                        | ---  | -----              | 100,897.04                  | 5,323.65                  | 105,720.69    |
| Jefferson-----   | 1,641.15     | -----       | 9,000.00     | 1,000.00    | 9,122.90                        | ---  | 25,452.09          | 46,216.14                   | 3,033.62                  | 49,249.76     |
| -----            | 50,000.00    | 1,200.00    | 130,643.25   | 11,000.00   | 7,500.00                        | ---  | 6,554.10           | 206,897.35                  | +32,356.59                | 239,253.94    |

|            |                |              |     |     |     |                |              |                |
|------------|----------------|--------------|-----|-----|-----|----------------|--------------|----------------|
| Kiowa      | 29,845.84      | 1,500.00     | --- | --- | --- | 31,345.84      | 3,785.35     | 35,131.19      |
| Kit Carson | 15,468.25      | ---          | --- | --- | --- | 122,135.82     | -6,333.47    | 115,802.35     |
| Lake       | 31,390.74      | 2,000.00     | --- | --- | --- | 38,090.74      | 4,845.59     | 42,936.33      |
| La Plata   | 8,562.48       | 2,272.98     | --- | --- | --- | 97,605.25      | 18,068.20    | 102,591.45     |
| Larimer    | 150,000.00     | 5,000.00     | --- | --- | --- | 264,501.27     | 18,068.19    | 282,569.46     |
| Las Animas | 125,863.14     | 13,967.34    | --- | --- | --- | 213,830.48     | ---          | 213,830.48     |
| Lincoln    | 138,040.65     | 1,000.00     | --- | --- | --- | 145,254.77     | 38.76        | 145,293.53     |
| Logan      | 107,482.60     | 2,000.00     | --- | --- | --- | 126,437.05     | 2,449.18     | 128,886.23     |
| Mesa       | 124,118.73     | 5,000.00     | --- | --- | --- | 159,118.73     | 5,255.05     | 164,373.78     |
| Mineral    | 12,985.29      | ---          | --- | --- | --- | 40,060.18      | 13,666.84    | 53,727.02      |
| Moffat     | 30,090.40      | 3,963.39     | --- | --- | --- | 76,356.92      | 13,968.10    | 90,325.02      |
| Montezuma  | 63,059.39      | 1,500.00     | --- | --- | --- | 300.00         | 5,184.77     | 70,044.16      |
| Montrose   | 50,063.02      | 4,000.00     | --- | --- | --- | 102,393.06     | ---          | 102,393.06     |
| Morgan     | 106,730.99     | 7,500.00     | --- | --- | --- | 114,230.99     | ---          | 114,230.99     |
| Otero      | 49,129.38      | 729.20       | --- | --- | --- | 1,663.24       | 4,635.25     | 105,671.45     |
| Ourray     | 20,569.91      | 1,000.00     | --- | --- | --- | 26,691.10      | ---          | 26,691.10      |
| Park       | 50,944.29      | 1,000.00     | --- | --- | --- | 61,096.99      | ---          | 61,096.99      |
| Phillips   | 45,000.00      | 2,500.00     | --- | --- | --- | 7,727.03       | 7,727.03     | 65,371.52      |
| Pitkin     | 32,647.94      | 1,500.00     | --- | --- | --- | 34,665.94      | 9,080.76     | 43,746.70      |
| Prowers    | 42,893.46      | 2,000.00     | --- | --- | --- | 117,588.28     | ---          | 117,588.28     |
| Pueblo     | 128,640.15     | 9,335.14     | --- | --- | --- | 195,026.02     | 4,434.35     | 199,460.37     |
| Rio Blanco | 45,532.35      | 6,500.00     | --- | --- | --- | 74,614.10      | 6,801.93     | 81,516.03      |
| Rio Grande | 42,645.04      | 1,300.00     | --- | --- | --- | 55,653.91      | 9,029.09     | 64,683.00      |
| Routt      | 50,600.00      | 3,765.34     | --- | --- | --- | 90,474.26      | 8,605.62     | 98,979.88      |
| Saguache   | 37,555.00      | 2,260.12     | --- | --- | --- | 79,630.23      | -5,581.27    | 74,048.96      |
| San Juan   | 15,000.00      | 865.85       | --- | --- | --- | 15,865.85      | 500.00       | 16,365.85      |
| San Miguel | 40,233.90      | 3,000.00     | --- | --- | --- | 53,827.92      | ---          | 53,827.92      |
| Sedgewick  | 11,500.00      | 1,650.00     | --- | --- | --- | 70,891.08      | 10,468.78    | 81,359.86      |
| Summit     | 10,726.85      | 1,000.00     | --- | --- | --- | 35,032.70      | 9,733.94     | 44,766.64      |
| Teller     | 42,000.00      | 1,933.92     | --- | --- | --- | 43,933.92      | -2,670.09    | 41,263.83      |
| Washington | 108,320.98     | 4,000.00     | --- | --- | --- | 114,191.34     | 9,432.27     | 123,623.61     |
| Weld       | 156,974.86     | 14,080.00    | --- | --- | --- | 590,722.40     | 58,054.97    | 648,777.37     |
| Yuma       | 62,000.00      | 2,279.38     | --- | --- | --- | 128,307.73     | 8,092.37     | 136,400.10     |
| State      | \$1,091,922.39 | \$293,111.72 | --- | --- | --- | \$5,946,793.46 | \$369,657.58 | \$6,316,451.04 |

"Bond Interest and Redemption Fund" for Boulder county includes payment of \$20,083.09 deficit in 1929. †Estimated. — Indicates deficit.



## MOTOR VEHICLE LICENSES

There were 276,847 motor vehicle licenses for passenger cars and 31,662 for trucks issued in Colorado in 1930 through the office of the secretary of state, the registration agency for the state. This was an increase of 2,887, or 1.05 per cent in passenger cars and 3,161, or 11.09 per cent in trucks in 1930 as compared with 1929. The increase in passenger cars in 1929 over 1928 was 5.39 per cent and in trucks 18.95 per cent, and in 1928 showed an increase over 1927 of 6.05 per cent in passenger cars and 2.46 per cent in trucks.

Each year since 1913 has shown an increase in the number of licenses issued for passenger cars and trucks and in the amount of fees collected. The only class showing a decrease is motorcycles. The number of motorcycles licensed in 1916, when the peak was reached, was 4,731. Up to that year there had been a steady increase in motorcycles, but from 1916 on the number decreased to 1,059 in 1930.

Registration fees have increased proportionately with the increase in the number of licenses issued, the total collections in 1913 being \$60,833 and in 1930, \$1,901,220. The total receipts for the period 1913-1930, inclu-

sive, were \$16,782,920. After deducting the cost of administration, the motor vehicle license fees are divided equally between the state highway department for state highway purposes and counties for local road purposes.

There were 7.8 persons per passenger car in the state in 1920 and 3.7 persons per car in 1930.

Commencing in 1932, the system of licensing cars in Colorado will be changed, and thereafter each county will be indicated by an initial number, followed by the number of each particular license from 1 up to the maximum for that county. The identifying key numbers will be as follows:

1, Denver; 2, Pueblo; 3, Weld; 4, El Paso; 5, Las Animas; 6, Larimer; 7, Boulder; 8, Mesa; 9, Otero; 10, Arapahoe; 11, Jefferson; 12, Adams; 13, Logan; 14, Fremont; 15, Morgan; 16, Huerfano; 17, Prowers; 18, Delta; 19, Yuma; 20, La Plata; 21, Montrose; 22, Baca; 23, Rio Grande; 24, Garfield; 25, Conejos; 26, Kit Carson; 27, Washington; 28, Routt; 29, Bent; 30, Alamosa; 31, Chaffee; 32, Montezuma; 33, Lincoln; 34, Elbert; 35, Saguache; 36, Crowley; 37, Phillips; 38, Costilla; 39, Sedgwick; 40, Gunnison; 41, Lake; 42, Moffat; 43, Teller; 44, Eagle; 45, Kiowa; 46, Cheyenne; 47, Douglas; 48, Archuleta; 49, Rio Blanco; 50, San Miguel; 51, Clear Creek; 52, Custer; 53, Grand; 54, Park; 55, San Juan; 56, Ouray; 57, Pitkin; 58, Dolores; 59, Jackson; 60, Gilpin; 61, Summit; 62, Mineral; 63, Hinsdale.

## REGISTRATION AND RECEIPTS BY YEARS SINCE STATE ASSUMED CONTROL OF LICENSING

| YEAR        | Passenger<br>Cars | Trucks | Motor-<br>cycles | Drivers | Total<br>Receipts |
|-------------|-------------------|--------|------------------|---------|-------------------|
| 1913 .....  | 13,135            | *      | 2,753            | 1,980   | \$ 60,833.00      |
| 1914 .....  | 17,756            | *      | 3,683            | 2,058   | 80,047.00         |
| 1915 .....  | 27,568            | *      | 4,268            | 3,536   | 120,800.84        |
| 1916 .....  | 43,296            | *      | 4,731            | 6,754   | 197,794.75        |
| 1917 .....  | 66,850            | *      | 4,505            | 9,291   | 297,292.21        |
| 1918 .....  | 83,244            | *      | 3,872            | 9,686   | 372,490.25        |
| 1919 .....  | 104,835           | *      | 3,636            | 10,291  | 491,713.36        |
| 1920 .....  | 119,964           | 7,585  | 3,364            | 9,814   | 815,100.10        |
| 1921 .....  | 136,336           | 9,403  | 2,868            | 7,340   | 906,059.27        |
| 1922 .....  | 151,499           | 10,829 | 2,770            | 7,058   | 991,677.22        |
| 1923 .....  | 175,669           | 13,287 | 2,473            | 7,736   | 1,126,218.55      |
| 1924 .....  | 197,361           | 15,886 | 2,226            | 7,559   | 1,258,204.80      |
| 1925 .....  | 221,513           | 18,584 | 1,862            | 7,776   | 1,430,299.47      |
| 1926 .....  | 232,308           | 20,905 | 1,480            | 7,162   | 1,507,379.19      |
| 1927 .....  | 245,107           | 23,385 | 1,362            | 7,664   | 1,600,221.73      |
| 1928 .....  | 259,948           | 23,961 | 1,234            | 7,977   | 1,790,182.73      |
| 1929 .....  | 273,960           | 28,501 | 1,142            | 7,916   | 1,835,385.53      |
| 1930 .....  | 276,847           | 31,662 | 1,059            | 7,296   | 1,901,219.94      |
| Total ..... |                   |        |                  |         | \$16,782,919.94   |

\*Trucks included with passenger cars for these years.

MOTOR VEHICLE REGISTRATION AND FEES COLLECTED, 1930, BY COUNTIES

(From the records of the Secretary of State)

| COUNTY           | Owners  | Trucks<br>and<br>Trailers | Dealers | Motor-<br>cycles | Drivers | Permits,<br>Re-issues<br>and Misc. | Guests | Fees<br>Collected |
|------------------|---------|---------------------------|---------|------------------|---------|------------------------------------|--------|-------------------|
| Adams-----       | 6,280   | 1,248                     | 43      | 6                | 176     | 1,447                              | 28     | \$ 47,335.21      |
| Alamosa-----     | 2,186   | 333                       | 46      | 10               | 31      | 440                                | 18     | 15,416.61         |
| Arapahoe-----    | 6,933   | 656                       | 81      | 37               | 206     | 1,380                              | 75     | 44,120.18         |
| Archuleta-----   | 486     | 68                        | 3       | 2                | 9       | 119                                | 3      | 3,263.62          |
| Baca-----        | 2,850   | 647                       | 16      | 8                | 6       | 488                                | 50     | 22,603.26         |
| Bent-----        | 2,188   | 227                       | 20      | 5                | 8       | 354                                | 15     | 14,158.50         |
| Boulder-----     | 10,281  | 1,067                     | 154     | 49               | 224     | 3,992                              | 1,172  | 68,925.66         |
| Chaffee-----     | 1,851   | 159                       | 48      | 3                | 33      | 340                                | 11     | 12,092.51         |
| Cheyenne-----    | 1,014   | 143                       | 22      | 5                | 19      | 177                                | 10     | 6,990.54          |
| Clear Creek----- | 637     | 60                        | 7       | 2                | 27      | 105                                | 20     | 4,251.93          |
| Conejos-----     | 1,449   | 242                       | 14      | 2                | 18      | 125                                | 0      | 10,108.25         |
| Costilla-----    | 760     | 105                       | 3       | 3                | 10      | 71                                 | 0      | 4,954.02          |
| Crowley-----     | 1,638   | 240                       | 21      | 3                | 9       | 400                                | 10     | 11,117.35         |
| Custer-----      | 548     | 144                       | 0       | 1                | 5       | 109                                | 6      | 4,679.18          |
| Delta-----       | 3,620   | 611                       | 70      | 9                | 36      | 517                                | 44     | 25,657.74         |
| Denver-----      | 79,500  | 5,284                     | 982     | 390              | 3,719   | 28,071                             | 3,327  | 538,338.81        |
| Dolores-----     | 240     | 39                        | 0       | 1                | 3       | 28                                 | 0      | 1,659.39          |
| Douglas-----     | 1,165   | 120                       | 7       | 0                | 23      | 167                                | 12     | 7,578.85          |
| Eagle-----       | 926     | 117                       | 2       | 2                | 28      | 152                                | 15     | 6,043.16          |
| Elbert-----      | 1,785   | 205                       | 22      | 5                | 5       | 225                                | 10     | 11,732.41         |
| El Paso-----     | 15,018  | 981                       | 161     | 58               | 387     | 3,041                              | 4,036  | 100,492.09        |
| Fremont-----     | 4,789   | 508                       | 96      | 10               | 47      | 663                                | 49     | 31,993.62         |
| Garfield-----    | 2,298   | 285                       | 40      | 3                | 76      | 317                                | 19     | 15,880.77         |
| Gilpin-----      | 334     | 30                        | 0       | 1                | 8       | 56                                 | 2      | 2,046.88          |
| Grand-----       | 632     | 108                       | 9       | 1                | 7       | 73                                 | 25     | 3,938.99          |
| Gunnison-----    | 1,269   | 82                        | 24      | 2                | 24      | 217                                | 10     | 7,425.57          |
| Hinsdale-----    | 82      | 16                        | 1       | 0                | 4       | 10                                 | 0      | 621.77            |
| Huerfano-----    | 3,500   | 265                       | 54      | 4                | 22      | 431                                | 13     | 21,877.18         |
| Jackson-----     | 489     | 63                        | 10      | 0                | 3       | 64                                 | 0      | 3,230.46          |
| Jefferson-----   | 6,880   | 742                       | 34      | 33               | 173     | 1,100                              | 30     | 45,559.71         |
| Kiowa-----       | 1,099   | 154                       | 7       | 4                | 4       | 207                                | 0      | 7,476.24          |
| Kit Carson-----  | 2,703   | 519                       | 41      | 4                | 77      | 484                                | 11     | 19,885.38         |
| Lake-----        | 1,011   | 22                        | 19      | 1                | 65      | 117                                | 6      | 5,707.12          |
| La Plata-----    | 2,837   | 256                       | 51      | 9                | 146     | 391                                | 11     | 18,504.71         |
| Larimer-----     | 10,527  | 1,360                     | 128     | 47               | 174     | 3,970                              | 299    | 73,027.07         |
| Las Animas-----  | 6,885   | 703                       | 93      | 23               | 203     | 1,112                              | 30     | 47,130.21         |
| Lincoln-----     | 2,150   | 353                       | 31      | 3                | 10      | 430                                | 4      | 15,176.33         |
| Logan-----       | 5,695   | 1,145                     | 54      | 18               | 48      | 1,232                              | 49     | 41,565.39         |
| Mesa-----        | 6,835   | 733                       | 94      | 21               | 86      | 1,040                              | 31     | 44,720.76         |
| Mineral-----     | 175     | 21                        | 0       | 0                | 1       | 24                                 | 0      | 1,126.22          |
| Moffat-----      | 1,192   | 162                       | 24      | 1                | 24      | 123                                | 3      | 8,428.27          |
| Montezuma-----   | 1,694   | 268                       | 35      | 3                | 31      | 279                                | 6      | 12,480.49         |
| Montrose-----    | 2,776   | 355                       | 52      | 1                | 18      | 384                                | 23     | 18,468.90         |
| Morgan-----      | 5,396   | 1,024                     | 80      | 13               | 61      | 1,022                              | 16     | 39,579.75         |
| Otero-----       | 6,332   | 812                       | 96      | 35               | 35      | 1,910                              | 0      | 42,729.02         |
| Ouray-----       | 402     | 40                        | 0       | 2                | 23      | 31                                 | 5      | 2,446.92          |
| Park-----        | 634     | 105                       | 12      | 1                | 6       | 85                                 | 3      | 4,606.13          |
| Phillips-----    | 2,026   | 479                       | 31      | 5                | 6       | 543                                | 0      | 16,074.93         |
| Pitkin-----      | 305     | 18                        | 1       | 0                | 9       | 23                                 | 2      | 1,753.22          |
| Prowers-----     | 4,261   | 447                       | 83      | 6                | 46      | 767                                | 43     | 28,110.53         |
| Pueblo-----      | 15,550  | 1,353                     | 231     | 133              | 272     | 3,165                              | 372    | 101,734.93        |
| Rio Blanco-----  | 690     | 78                        | 7       | 1                | 16      | 75                                 | 0      | 4,552.92          |
| Rio Grande-----  | 2,647   | 621                       | 38      | 2                | 87      | 524                                | 11     | 21,338.30         |
| Routt-----       | 2,206   | 206                       | 39      | 1                | 29      | 308                                | 18     | 13,150.57         |
| Saguache-----    | 1,427   | 236                       | 8       | 0                | 24      | 267                                | 0      | 9,371.89          |
| San Juan-----    | 350     | 15                        | 2       | 1                | 12      | 74                                 | 4      | 2,165.96          |
| San Miguel-----  | 416     | 57                        | 3       | 0                | 11      | 50                                 | 2      | 2,921.98          |
| Sedgwick-----    | 1,779   | 441                       | 36      | 5                | 16      | 272                                | 7      | 14,159.48         |
| Summit-----      | 278     | 12                        | 1       | 2                | 7       | 38                                 | 2      | 1,430.93          |
| Teller-----      | 982     | 100                       | 15      | 5                | 11      | 127                                | 4      | 6,171.36          |
| Washington-----  | 2,306   | 519                       | 36      | 1                | 18      | 353                                | 5      | 17,562.78         |
| Weld-----        | 17,813  | 3,731                     | 180     | 42               | 278     | 6,803                              | 664    | 135,244.75        |
| Yuma-----        | 3,840   | 710                       | 41      | 14               | 96      | 817                                | 10     | 28,322.23         |
| Totals-----      | 276,847 | *31,850                   | †3,564  | 1,059            | 7,296   | †71,726                            | 10,651 | \$1,901,219.94    |

\*Includes 31,662 trucks and 188 trailers. †Includes 3,474 auto dealers, 79 truck dealers and 11 motorcycle dealers. ‡Includes 39,087 motor vehicle re-issues, 2,722 replacements, 28,200 special permits and 1,717 special engine numbers.

### 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. Dealers pay the tax direct to the state inspector.

Collections, tax only, exclusive of inspection fees, for calendar years were as follows:

|                     |              | % Increase<br>Over<br>Previous Year |
|---------------------|--------------|-------------------------------------|
| 1919 (\$ 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                                |
| 1928 .....          | 4,115,299    | 25.8                                |
| 1929 .....          | 5,560,348    | 35.1                                |
| 1930 .....          | 6,642,208    | 19.5                                |
| Total .....         | \$28,245,602 | ....                                |

Gasoline consumption in Colorado by years, as reported by the state oil inspector, was 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                               |

Colorado was the source of supply for 18,171,350 gallons of the 170,855,026 gallons of gasoline, or 10.63 per cent of the total, consumed in the state in 1930, according to the records of the state inspector of oils. In addition, 1,012,177 gallons was exported out of the state during the year. An accompanying table gives the source of Colorado's gasoline supply by states and years. The following table shows the quantity Colorado supplied by years and the per cent of the state's total consumption:

| Year      | Quantity<br>(Gals.) | Per Cent<br>of Total<br>Consumption |
|-----------|---------------------|-------------------------------------|
| 1915..... | 332,168             | 2.29                                |
| 1916..... | 395,035             | 1.98                                |
| 1917..... | 3,346,823           | 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                               |

Refunds by calendar years of taxes on gasoline used for agricultural, industrial, contractors and aviation purposes and by the United States government 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   |

The average consumption of gasoline in gallons in Colorado per motor vehicle registered has shown a steady increase from an average of 408.1 gallons in 1925 to 551.9 gallons in 1930. The state inspector of oils credits this increase to a large increase of bus lines, heavy truck lines, taxicabs, closed cars and the general use of tractors and gasoline-operated machinery. The lowest average gasoline consumption per registered motor vehicle in the 17 years ending with 1930 was 376.5 gallons in 1918 and the highest was 551.9 gallons in 1930.

An accompanying table shows gasoline consumption and road taxes distributed, by counties, for 1929 and 1930. Another gives the amounts of the tax distributed to counties and to the general and special highway funds by years.



**GASOLINE CONSUMPTION BY AND TAX DISTRIBUTION TO COUNTIES**

(From Reports of the State Oil Inspector)

| COUNTY            | Gallons Consumed |             | Road Tax Distributed |                |
|-------------------|------------------|-------------|----------------------|----------------|
|                   | 1930             | 1929        | 1930                 | 1929           |
| Adams .....       | 3,250,700        | 1,919,932   | \$ 16,995.83         | \$ 15,497.42   |
| Alamosa .....     | 2,451,279        | 1,811,526   | 19,971.43            | 16,597.72      |
| Arapahoe .....    | 2,097,994        | 2,153,141   | 18,360.98            | 16,453.63      |
| Archuleta .....   | 211,995          | 166,506     | 18,081.02            | 16,485.67      |
| Baca .....        | 3,848,286        | 2,530,633   | 41,535.61            | 37,870.30      |
| Bent .....        | 1,256,740        | 1,105,993   | 12,742.45            | 11,698.75      |
| Boulder .....     | 6,555,376        | 6,108,256   | 24,469.81            | 18,847.82      |
| Chaffee .....     | 3,841,581        | 3,881,886   | 16,383.13            | 14,938.54      |
| Cheyenne .....    | 982,450          | 803,789     | 22,299.39            | 20,332.36      |
| Clear Creek ..... | .....            | .....       | 18,991.12            | 17,316.71      |
| Conejos .....     | 550,104          | 457,608     | 22,859.31            | 19,182.57      |
| Costilla .....    | 291,401          | 420,760     | 22,649.34            | 20,795.19      |
| Crowley .....     | 828,599          | 714,522     | 11,167.14            | 10,182.18      |
| Custer .....      | 195,941          | 183,487     | 16,715.75            | 15,241.27      |
| Delta .....       | 1,506,577        | 1,504,200   | 20,864.13            | 18,863.83      |
| Denver .....      | 50,091,295       | 48,580,075  | .....                | .....          |
| Dolores .....     | 15,368           | 139,873     | 12,514.86            | 11,410.57      |
| Douglas .....     | 656,116          | 528,158     | 28,565.52            | 26,044.89      |
| Eagle .....       | 322,863          | 231,381     | 22,509.36            | 20,524.48      |
| Elbert .....      | 1,151,516        | 889,948     | 22,544.47            | 20,252.31      |
| El Paso .....     | 10,037,736       | 9,481,726   | 43,268.46            | 39,498.92      |
| Fremont .....     | 2,444,452        | 2,197,991   | 30,665.97            | 27,960.27      |
| Garfield .....    | 1,877,136        | 1,572,207   | 27,322.82            | 24,912.60      |
| Gilpin .....      | 88,807           | 79,182      | 6,318.83             | 5,763.61       |
| Grand .....       | 741,101          | 604,347     | 33,799.07            | 30,865.32      |
| Gunnison .....    | 352,714          | 326,258     | 43,250.91            | 36,898.07      |
| Hinsdale .....    | .....            | .....       | 8,506.64             | 7,757.48       |
| Huerfano .....    | 2,233,828        | 1,879,135   | 24,662.46            | 22,486.40      |
| Jackson .....     | 299,707          | 300,875     | 23,822.12            | 21,720.84      |
| Jefferson .....   | 584,442          | 510,451     | 39,750.20            | 36,243.13      |
| Kiowa .....       | 851,001          | 688,999     | 25,572.56            | 23,316.00      |
| Kit Carson .....  | 2,697,572        | 2,359,912   | 30,595.90            | 27,896.24      |
| Lake .....        | 679,558          | 569,677     | 13,075.10            | 11,922.89      |
| La Plata .....    | 754,145          | 637,277     | 17,731.01            | 16,166.92      |
| Larimer .....     | 6,406,084        | 6,118,323   | 45,018.75            | 41,047.49      |
| Las Animas .....  | 3,688,960        | 3,897,652   | 47,416.68            | 43,233.54      |
| Lincoln .....     | 2,045,915        | 1,905,076   | 56,168.46            | 51,212.22      |
| Logan .....       | 4,144,281        | 3,658,557   | 29,668.27            | 27,178.70      |
| Mesa .....        | 3,470,604        | 3,196,979   | 39,295.20            | 34,039.07      |
| Mineral .....     | 55,525           | 76,381      | 11,744.74            | 10,709.07      |
| Moffat .....      | 1,152,340        | 1,056,120   | 32,416.22            | 29,556.88      |
| Montezuma .....   | 427,500          | 346,907     | 24,102.25            | 21,991.56      |
| Montrose .....    | 1,327,940        | 1,118,489   | 41,290.60            | 37,647.67      |
| Morgan .....      | 3,796,778        | 3,534,901   | 20,986.53            | 18,641.15      |
| Otero .....       | 3,955,455        | 3,439,619   | 16,278.11            | 15,018.59      |
| Ouray .....       | 32,476           | 25,176      | 8,664.19             | 7,901.58       |
| Park .....        | .....            | .....       | 37,667.35            | 34,343.78      |
| Phillips .....    | 2,263,026        | 1,816,681   | 18,308.46            | 16,693.79      |
| Pitkin .....      | 58,799           | 45,958      | 15,420.53            | 14,062.37      |
| Prowers .....     | 3,219,006        | 2,904,740   | 33,834.19            | 30,849.28      |
| Pueblo .....      | 9,407,953        | 8,785,138   | 33,956.61            | 30,945.35      |
| Rio Blanco .....  | 40,368           | 40,519      | 36,109.56            | 32,923.28      |
| Rio Grande .....  | 1,975,839        | 1,440,210   | 15,087.91            | 13,756.73      |
| Routt .....       | 935,684          | 784,628     | 30,263.43            | 27,034.61      |
| Saguache .....    | 817,947          | 936,444     | 29,545.80            | 27,194.71      |
| San Juan .....    | 83,225           | 69,193      | 7,806.59             | 7,087.97       |
| San Miguel .....  | 69,796           | 71,372      | 25,047.27            | 22,837.15      |
| Sedgwick .....    | 1,597,545        | 1,443,755   | 12,637.43            | 10,516.93      |
| Summit .....      | .....            | .....       | 16,225.60            | 14,778.45      |
| Teller .....      | 391,371          | 287,745     | 18,063.49            | 16,469.65      |
| Washington .....  | 1,193,506        | 1,021,321   | 46,349.05            | 42,003.72      |
| Weld .....        | 12,006,918       | 10,193,698  | 59,511.61            | 54,261.31      |
| Yuma .....        | 2,541,805        | 1,952,549   | 43,320.99            | 39,498.91      |
| Totals .....      | 170,855,026      | 155,507,842 | \$1,610,768.57       | \$1,455,430.41 |

**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 |
|-------------|-------------|-----------------|-----------------|
| *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         |

\*For fiscal year ending November 30. Others are for calendar years.

**SOURCES OF COLORADO'S GASOLINE SUPPLY, BY YEARS**  
(From State Oil Inspector's Reports; in Gallons)

|                  | 1930        | 1929        | 1928        | 1927        | 1926        |
|------------------|-------------|-------------|-------------|-------------|-------------|
| Arkansas .....   | 38,509      | .....       | .....       | .....       | .....       |
| California ..... | 47,282      | .....       | .....       | 41,055      | 187,409     |
| Colorado .....   | 18,171,350  | 19,029,208  | 18,164,163  | 15,465,893  | 9,555,417   |
| Kansas .....     | 30,866,498  | 23,998,336  | 18,491,680  | 14,135,557  | 6,844,453   |
| Missouri .....   | .....       | .....       | .....       | .....       | .....       |
| Nebraska .....   | 166,991     | 111,438     | 129,657     | 95,105      | 35,539      |
| New Mexico ..... | 2,798,901   | 2,382,770   | 2,617,796   | 2,314,029   | 2,014,429   |
| Oklahoma .....   | 34,568,177  | 31,802,699  | 26,082,400  | 29,875,514  | 19,276,048  |
| Texas .....      | 17,966,408  | 5,840,205   | 2,409,842   | 1,673,332   | 945,848     |
| Utah .....       | 194,836     | 30,195      | 24,419      | 409,386     | 101,459     |
| Wyoming .....    | 66,036,074  | 72,259,543  | 74,107,708  | 64,294,153  | 73,419,707  |
| Louisiana .....  | .....       | 53,448      | .....       | .....       | .....       |
| Totals.....      | 170,855,026 | 155,507,842 | 142,027,665 | 128,304,024 | 112,380,309 |

**Federal Operations in Colorado**

DENVER is the center from which numerous activities of the United States government in western states are conducted and has the largest representation of the government of any city in the country with the exception of the capital city of Washington. This has led to the frequent characterization of Denver as the western capital of the United States. A survey made by the immigration department in 1927 shows that there are 75 departmental, district and local agencies of the federal government in Colorado, counting all the postoffices in the state as a single unit, most of which have their headquarters in or adjacent to Denver.

There are under the jurisdiction of the Colorado agencies 7,418 salaried officials and employes, of which 6,922 are located within the state. These figures are exclusive of several departments, such as the secret service, which are forbidden by regulations to give out information of this nature, and of more than 1,000 seasonal em-

ployes. There is published in this volume a table giving the names of the various governmental agencies, location, headquarters and number of officials and employes.

The value of federal government property in Colorado is estimated at approximately \$727,004,741. Wherever possible, official figures were used in making this estimate and where such figures were not available the amount was computed on the basis of value of similar property for taxation purposes, or fixed by private ownership. These estimates are as follows:

|  |               |
|--|---------------|
| National forests.....                          | \$ 70,000,000 |
| Reclamation projects.....                      | 11,000,000    |
| Unappropriated land.....                       | 12,041,202    |
| Land filed upon but not patented .....         | 3,283,569     |
| Coal land (reserved and classified) .....      | 523,450,000   |
| Oil reserves.....                              | 2,189,000     |
| Oil shale land (reserves and classified) ..... | 50,840,000    |
| Buildings .....                                | 24,156,053    |
| Parks and monuments.....                       | 1,500,000     |
| Power, water, reservoir, etc.                  | 25,000,000    |
| Indian property.....                           | 3,544,917     |
| Total.....                                     | \$727,004,741 |

The method of arriving at these estimates is given in detail in the chapter, "Taxable and Non-taxable Property," published elsewhere in this volume.

The area, location, and value of these various holdings are given in more detail in other chapters in this volume.

The total expenditures of the federal government in Colorado in the fiscal year ending June 30, 1926, the only year for which such a compilation has been made, aggregated \$21,545,903, and receipts from all sources, \$23,565,513. There is published in connection herewith a table giving these expenditures and receipts in detail. Buildings of the government in and adjacent to Denver, with their estimated value, are as follows:

|  |              |
|--|--------------|
| Fitzsimons general hospital<br>(160 bldgs.)..... | \$10,000,000 |
| Postoffice and federal court-<br>house .....     | 3,000,000    |
| Mint .....                                       | 4,000,000    |
| Customs house (old).....                         | 1,000,000    |
| Customs house (new).....                         | 947,900      |
| Army post (Fort Logan, 136<br>bldgs.) .....      | 1,300,000    |
| Total.....                                       | \$20,247,900 |

The above table does not include postoffice buildings and sites in various cities and towns of the state, which are included in a table published elsewhere covering operations of the postoffice department.

Information concerning federal operations in Colorado is given in more detail under sub-headings in this chapter.

## PENSION AND COMPENSATION PAYMENTS

The United States government distributed \$6,628,968 in Colorado in the fiscal year ended June 30, 1930, in pensions and death and disability compensation to survivors or dependents of veterans of the wars in which the country has engaged. The aggregate payments between 1918 and 1930, inclusive, amounted to \$66,058,263.

There were 5,115 persons in Colorado on the pension roll of the government on June 30, 1930, a decrease during the fiscal year of 1930. The pensions paid during the year aggregated \$2,291,640, a decrease of \$93,135 from the aggregate for the preceding year. The aggregate amount paid out in pensions in Colorado for the years 1918 to 1930, inclusive, was \$30,603,745. These include survivors or dependents of veterans of the civil war,

the war with Spain, the Indian wars and the regular establishment who receive pensions through the bureau of pensions of the United States department of the interior. The last survivor of the war with Mexico, Owen Thomas Edgar, died at the John Dickson Home, Washington, D. C., on September 3, 1929. He was born June 17, 1831. There are no survivors of the war of 1812, though 10 widows of veterans are upon the roll, none of whom resides in Colorado.

Veterans of the world war and their widows receive compensation through the United States veterans bureau. Of these there were 914 cases on which payments were being made in Colorado on June 30, 1930, on account of which approximately \$352,847 was disbursed during the fiscal year. This was an increase of 37 in number and \$45,287 in amount, compared with the preceding year. There were 5,257 veterans receiving disability compensation on June 30, 1930, compared with 5,319 at the end of 1929, and the approximate disbursements during the fiscal year were \$3,984,491, a decrease of \$88,605 compared with the preceding year.

In addition to the number receiving pensions and disability compensation on June 30, 1930, there were 115 persons in the state who had retired from government service and were receiving annuities, an increase of 24 during the fiscal year.

The following table shows the number of pensioners in Colorado on June 30 of the year given and the amounts paid through the bureau of pensions:

| 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    |
| Total..... |        | \$30,603,745 |

The following table shows the number of cases on which death compensation was being paid on June 30 of the year named by the Veterans bureau, and the approximate amount of the disbursements:



| 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     |
| Total ..... |        | \$2,699,734 |

The following table shows the number of cases on which disability compensation was being paid on June 30 of the year named, and the amount:

| 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    |
| Total ..... |        | \$32,754,784 |

Recapitulation of amounts paid out as shown by the above tables is as follows:

|                               |              |
|-------------------------------|--------------|
| Pensions .....                | \$30,603,745 |
| Death compensation .....      | 2,699,734    |
| Disability compensation ..... | 32,754,784   |
| Total .....                   | \$66,058,263 |

#### FEDERAL LAND AND JOINT STOCK BANKS

Two agencies for making loans to farmers under the supervision of the federal farm loan board, a bureau of the United States treasury department, operate in Colorado. One of these is the Federal Land Bank of Wichita, Kansas, and the other is the Denver Joint Stock Land Bank of Denver. District No. 9, served by the Federal Land Bank, includes the states of Colorado, Kansas, Oklahoma and New Mexico, and the Denver Joint Stock Land Bank's territory embraces Colorado and Wyoming. While under the supervision of a bureau of the treasury department, these banks do not make "government loans," but are financed independently by the sale of bonds secured by farm mortgages and approved by the farm loan board, and by sale of stock as hereinafter stated.

The Federal Land Bank operates in

connection with National Farm Loan associations, organizations composed of borrowers, the loans to individual members of the associations being limited to a maximum of \$25,000 and borrowers must have aggregate loans of not less than \$20,000 to form an association. 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. The bank sets aside 25 per cent of its profit each year for a reserve fund, and has been declaring four per cent dividends semi-annually.

While the capital stock of federal land banks is sold only to associations of borrowers, the joint stock land banks are financed much in the same way as any other bank or industrial corporation. The contact between the farmer and the banks may be made either by applying to the nearest farm loan association, or direct to the joint stock bank for the district in which he resides.

There was in Colorado on January 31, 1931, a total of 117 national farm loan associations. From the beginning in April, 1917, to January 31, 1931, a total of 11,032 loans, aggregating \$34,802,600, had been made by the Federal Land Bank in Colorado. Of these 2,054, aggregating \$5,850,700, had been paid in full and cancelled, and 8,978 loans, aggregating \$28,951,900, were in force on the date named.

The Federal Land Bank has disposed of 307 farms acquired through foreclosure of loans in Colorado, of which 109 were sold for a gain of \$43,020.47 and 196 were sold for a loss of \$198,167.08, and two were sold for investment, the net loss being \$155,146.61. It owns 50 judgments for \$176,284.24, and 96 farms valued at \$295,434.33.

Joint stock land bank loans in Colorado up to February 28, 1931, aggregated \$13,713,607.78.

# FEDERAL EXPENDITURES AND RECEIPTS IN COLORADO

The secretary of the interior, whose department is responsible for the administration of the public lands, compiled a statement showing the principal expenditures made by the federal government during the fiscal year ending June 30, 1926, in the 20 public land states. The statement also shows payments to the federal government from these states for services rendered.

The statement shows that the federal government spent \$509,209,985 in these 20 public land states during the year for direct services performed within the respective states, while \$197,734,690 was collected in the states. The difference between expenditures and receipts was \$311,475,293, or a ratio of about one dollar contributed by the states for every \$2.50 expended therein by the federal government.

Expenditures in Colorado, as shown by this statement, amounted to \$21,545,903, and the receipts were \$8,523,523, the difference being \$13,022,379. Colorado ranked ninth among the 20 states both in expenditures and receipts. Such fiscal items as income-tax and customs receipts, which were collected for general governmental purposes, are excluded. Statistics of income-tax receipts, for example, the statement says, show collections according to the residence of taxpayers and not according to localities responsible for the income going to individuals who make the payments.

However, since income-tax receipts of foreign corporations and individuals paid in other states, but operating in Colorado, probably will offset the condition mentioned, these items are included in the following table for the purpose of bringing together as near as possible all expenditures and receipts of the federal government in the state:

|                       |                 |
|-----------------------|-----------------|
| Receipts .....        | \$ 8,523,523.67 |
| Internal revenue..... | 14,830,350.29   |
| Customs receipts..... | 211,639.57      |

|                     |                 |
|---------------------|-----------------|
| Total receipts..... | \$23,565,513.53 |
| Expenditures .....  | 21,545,903.31   |

|   |                 |
|---|-----------------|
| Excess receipts over expenditures ..... | \$ 2,019,610.22 |
|---|-----------------|

A table showing the expenditures and receipts for Colorado, by departments, compiled from the secretary of the interior's statement, has appeared in previous editions of this work.

# U. S. INTERNAL REVENUE

United States internal revenue taxes in Colorado are collected through the commissioner of internal revenue of the treasury department. The Colorado district comprises the state of Colorado, and the collector's office for the district is at Denver. Tax receipts are credited to the districts in which the collections are made. Receipts in the various districts do not indicate the tax burden of the respective districts, since the taxes may be eventually borne by persons in other districts. Repeal of laws imposing taxes on various classes of business and changes in rates account largely for variations in the amounts.

Total revenue receipts from all sources for the Colorado district by the fiscal years ending June 30 are as follows:

| Year       | Amount       |
|------------|--------------|
| 1921 ..... | \$34,214,956 |
| 1922 ..... | 19,956,650   |
| 1923 ..... | 15,988,678   |
| 1924 ..... | 15,228,016   |
| 1925 ..... | 14,215,162   |
| 1926 ..... | 14,830,350   |
| 1927 ..... | 13,473,226   |
| 1928 ..... | 11,879,300   |
| 1929 ..... | 11,539,236   |
| 1930 ..... | 12,468,450   |

Income tax receipts for the Colorado district by years are as follows:

| Year      | Corporation | Individual  | Total        |
|-----------|-------------|-------------|--------------|
| 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   | 12,656,645   |
| 1928 .... | 7,923,577   | 3,528,993   | 11,452,570   |
| 1929 .... | 6,831,459   | 4,206,231   | 11,037,690   |
| 1930 .... | 7,835,966   | 4,212,450   | 12,048,415   |

The number of internal revenue taxpayers in the district of Colorado, exclusive of income taxpayers, by fiscal years are as follows:

| Year       | Number |
|------------|--------|
| 1925 ..... | 14,429 |
| 1926 ..... | 9,822  |
| 1927 ..... | 6,921  |
| 1928 ..... | 4,781  |
| 1929 ..... | 4,990  |
| 1930 ..... | 5,158  |

The cost of collecting internal revenue taxes in the Colorado district is reflected in a statement of disbursements of the collector of internal revenue and by internal revenue agents for the fiscal year ended June 30, 1930. The aggregate disbursements by agents at the Denver office and by the collector for the district were \$283,189, of which \$251,179 was for salaries and wages and \$28,803 for travelling expenses.

**UNITED STATES INTERNAL REVENUE FROM COLORADO**  
(For fiscal years ending June 30)

| Sources  | 1921         | 1927         | 1928         | 1929         | 1930         |
|--|--------------|--------------|--------------|--------------|--------------|
| Income, individuals, partnerships and corporations ..... | \$25,085,242 | \$12,656,645 | \$11,452,570 | \$11,037,690 | \$12,048,415 |
| Estates, transfers of, gifts .....                       | 2,210,595    | 181,703      | 65,364       | 150,095      | 153,801      |
| Distilled spirits and alcohol beverages .....            | 20,974       | 37,026       | 29,189       | 25,457       | 20,690       |
| Tobacco and tobacco manufacturers ..                     | 271,071      | 32,449       | 25,540       | 25,284       | 19,812       |
| Oleomargarine and adulterated butter .....               | 26,091       | 21,301       | 24,519       | 24,449       | 24,777       |
| Documentary Stamp taxes:                                 |              |              |              |              |              |
| Revenue stamps sold by postmasters .....                 | 254,102      | -----        | -----        | -----        | -----        |
| Bonds, capital stock, conveyances, etc. ....             | 250,681      | 115,749      | 81,256       | 99,918       | 88,196       |
| Capital stock transfers .....                            | 35,611       | 8,725        | 9,515        | 15,126       | 14,318       |
| Miscellaneous .....                                      | 15,075       | 1,278        | 1,091        | 1,040        | 1,031        |
| Transportation .....                                     | 2,001,702    | -----        | -----        | -----        | -----        |
| Telegraph and telephone .....                            | 599,927      | -----        | -----        | -----        | -----        |
| Insurance .....  | 47,553       | -----        | -----        | -----        | -----        |
| Manufacturers' excise tax:                               |              |              |              |              |              |
| Autos, trucks, tires, accessories, etc. ....             | 184,198      | 77           | 94           | -----        | -----        |
| Candy .....  | 188,786      | -----        | -----        | -----        | -----        |
| Miscellaneous .....                                      | 30,309       | 1,236        | 2,098        | -----        | -----        |
| Consumers' and dealers' excise tax:                      |              |              |              |              |              |
| Sculpture, paintings, etc. ....                          | 5,197        | -----        | -----        | -----        | -----        |
| Carpets, trunks, wearing apparel, etc. ....              | 221,902      | -----        | -----        | -----        | -----        |
| Watches, clocks, jewelry, etc. ....                      | 201,998      | -----        | -----        | -----        | -----        |
| Perfumes, cosmetics, medicinal, etc. ....                | 80,370       | -----        | -----        | -----        | -----        |
| Non-alcoholic beverages .....                            | 428,892      | -----        | -----        | -----        | -----        |
| Narcotics .....  | 15,267       | 8,474        | 14,281       | 5,578        | 5,259        |
| Corporation capital stock tax .....                      | 804,134      | -----        | -----        | -----        | -----        |
| Stock and produce brokers .....                          | 19,554       | -----        | -----        | -----        | -----        |
| Theatres, museums, circuses, bowling alleys, etc. ....   | 90,619       | 90,566       | 65,747       | -----        | -----        |
| Admissions to theatres and club dues ..                  | 1,106,057    | 64,628       | 70,421       | 80,627       | 84,142       |
| Miscellaneous .....                                      | 19,049       | 253,369      | 37,615       | 73,972       | 8,009        |
| Total, all sources .....                                 | \$34,214,956 | \$13,473,226 | \$11,879,300 | \$11,539,236 | \$12,468,450 |

**NUMBER OF EACH SPECIFIC CLASS OF INTERNAL REVENUE TAXPAYERS  
IN THE DISTRICT OF COLORADO**  
(Fiscal Years Ending June 30)

| Class  | 1925   | 1926  | 1927  | 1928  | 1929  | 1930  |
|--|--------|-------|-------|-------|-------|-------|
| Distilled Spirits:   |        |       |       |       |       |       |
| Retail dealers .....                                       | 28     | 31    | 20    | 30    | 28    | 31    |
| Wholesale dealers .....                                    | 10     | 5     | 2     | 4     | 4     | 4     |
| Oleomargarine:   |        |       |       |       |       |       |
| Manufacturers .....  | 2      | 1     | 1     | 1     | 2     | 2     |
| Wholesale dealers .....                                    | 23     | 23    | 21    | 23    | 25    | 24    |
| Retail dealers .....                                       | 2,175  | 2,228 | 2,611 | 2,363 | 2,461 | 2,502 |
| Mixed flour manufacturers .....                            | 1      | 1     | 1     | 1     | 1     | 1     |
| Tobacco manufacturers .....                                | 64     | 69    | ..    | ..    | ..    | ..    |
| Corporations paying capital stock tax .....                | 6,465  | 3,721 | ..    | ..    | ..    | ..    |
| Brokers .....  | 165    | 104   | ..    | ..    | ..    | ..    |
| Proprietors billiard and pool tables and bowling alleys .. | 840    | 875   | ..    | ..    | ..    | ..    |
| Proprietors shooting galleries ..                          | 3      | 6     | ..    | ..    | ..    | ..    |
| Proprietors automobiles for hire ..                        | 1,853  | 357   | ..    | ..    | ..    | ..    |
| Opium, Cocoa, Etc.:  |        |       |       |       |       |       |
| Wholesale dealers .....                                    | 44     | 41    | 64    | 38    | 37    | 43    |
| Retail dealers .....                                       | 590    | 521   | 905   | 510   | 525   | 494   |
| Practitioners, hospitals, etc. ....                        | 2,086  | 1,748 | 3,146 | 1,706 | 1,811 | 1,965 |
| Dealers in untaxed narcotics .....                         | 80     | 91    | 150   | 105   | 96    | 92    |
| Totals .....   | 14,429 | 9,822 | 6,921 | 4,781 | 4,990 | 5,158 |



# UNITED STATES MINT

One of the three mints owned and operated by the United States government is located at Denver. The other two are at Philadelphia and San Francisco. The Denver mint was completed in 1905 and the treasury department took possession and occupied it in September of that year. The coinage of money began in 1906. Total investment, including equipment, machinery, etc., is approximately \$4,000,000, of which \$60,000 was for the site and \$812,679 was for the building.

Electrolytic refineries for refining gold and silver are operated at the Denver and San Francisco mints and at the New York assay office. The Denver mint had 83 employes on June 30, 1930. The gross income of the mint for the fiscal year was \$1,203,839 and gross expenses were \$217,024.

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 up to and including December, 1930, aggregated 933,732,500 pieces, of a total value of \$449,445,955.

Denominations, value and number of pieces manufactured during this period were as follows:

|                   | Value         | Pieces      |
|-------------------|---------------|-------------|
| Double eagles ... | \$260,030,000 | 13,001,500  |
| Eagles .....      | 59,092,800    | 5,909,280   |
| Half eagles.....  | 26,463,300    | 5,292,660   |
| Quarter eagles... | 2,704,200     | 540,840     |
| Dollars .....     | 45,836,600    | 45,836,600  |
| Half dollars..... | 13,681,160    | 27,362,320  |
| Quarter dollars.. | 15,816,300    | 63,265,200  |
| Dimes .....       | 15,024,380    | 150,243,800 |
| Nickels .....     | 5,718,015     | 114,360,300 |
| Cents .....       | 5,079,200     | 507,920,000 |
| Totals.....       | \$449,445,955 | 933,732,500 |

The mints of the United States have produced since the first mint was established in Philadelphia in 1793 down to the end of 1929 a total of 11,318,659,800 pieces of money valued at \$5,943,419,356.26.

United States money, including gold coin and bullion, gold certificates, standard silver dollars, silver certificates, treasury notes, federal reserve notes and subsidiary coins, amounted to \$10,284,011,704 on June 30, 1930, of which \$4,021,936,763 was held in the treasury, \$1,741,086,979 was held

by federal reserve banks and agents, and \$4,521,987,962 was in circulation. The money in circulation was equal to \$36.71 per capita.

The value and number of pieces manufactured in the Denver mint vary from year to year in accordance with demand. A continued large demand for one-cent coins featured the output in 1930 and only that type of coin was produced. There were produced at the Denver mint during the calendar year 40,100,000 one-cent bronze pieces of a value of \$401,000. In 1929 the largest coinage, in value, was dimes and, in number, nickels, but in 1927, double eagles (\$20 gold pieces) led in value and one-cent pieces in number.

Coinage for the calendar years of 1927 to 1930, inclusive, was as follows:

| 1927                          |             |            |
|-------------------------------|-------------|------------|
|                               | Value       | Pieces     |
| Double eagles....             | \$3,600,000 | 180,000    |
| Standard silver dollars ..... | 1,268,900   | 1,268,900  |
| Quarter dollars....           | 244,100     | 976,400    |
| Dimes .....                   | 481,200     | 4,812,000  |
| Nickels .....                 | 286,500     | 5,730,000  |
| Cents .....                   | 271,700     | 27,170,000 |
| Totals.....                   | \$6,152,400 | 40,137,300 |
| 1928                          |             |            |
| Quarter dollars....           | \$ 406,900  | 1,627,600  |
| Dimes .....                   | 416,100     | 4,161,000  |
| Nickels .....                 | 321,800     | 6,436,000  |
| Cents .....                   | 311,700     | 31,170,000 |
| Totals.....                   | \$1,456,500 | 43,394,600 |
| 1929                          |             |            |
| Half dollars.....             | \$ 500,600  | 1,001,200  |
| Quarter dollars....           | 339,500     | 1,358,000  |
| Dimes .....                   | 503,400     | 5,034,000  |
| Nickels .....                 | 418,500     | 8,370,000  |
| Cents .....                   | 417,300     | 4,173,000  |
| Totals.....                   | \$2,179,300 | 19,936,200 |
| 1930                          |             |            |
| Cents .....                   | \$ 401,000  | 40,100,000 |

## 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 Charles W. Bishop. Ralph L. Carr is district attorney and Richard C. Calen 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 for the court are Robert E. Lewis, of Denver, presiding judge; Orie L. Phillips, of Albuquerque, N. M.; John H. Cotteral, Guthrie, Okla.; and George T. McDermott, of Topeka, Kans. Albert Trego is clerk of the court and H. A. McIntyre, deputy.

The circuit court of appeals consists of the district and circuit judges in the respective circuits, together with a justice of the supreme court assigned to that circuit. Justice Willis Van Devanter, of Wyoming, is the justice assigned to the tenth circuit.

The sittings of the court are as follows: Second Monday in January at Oklahoma City, second Monday in April at Wichita, and second Monday in September at Denver.

#### INDIAN POPULATION

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.

On April 1, 1930, the population consisted of 813, of whom 429 were males and 384 were females, or less than one-half of one per cent of the Indian population of the United States. The population changes very slightly and the figures for 1930 represent an increase of only 23 compared with the number on June 30, 1926. All were

full-blooded Ute Indians, there being none of mixed blood.

The enumerated and estimated Indian population of the United States on April 1, 1930, as reported by the Commissioner of Indian Affairs, was 340,541. Oklahoma ranked first with 121,844 and Arizona next with 47,072. There were 20 states with a larger Indian population and only one with a smaller number than Colorado.

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 275 students and the highest grade taught is the sixth.

The total value of the Indian property as of June 30, 1927, was \$3,247,917, of which \$679,091 was individual property of the Indians and \$2,568,826 was tribal property. Funds in bank or in the hands of superintendents for individuals totaled \$155,091 and the tribal property included \$868,826 in the treasury.

#### REPRESENTATIVES OF FOREIGN GOVERNMENTS

Belgium—Jean Mignolet, consul, 2549 Birch St., Denver.

Bulgaria—See Greece.

Denmark—W. C. Hansen, 526 Sixteenth St., Denver.

France — Jean Mignolet, consular agent, 2549 Birch St., Denver.

Germany—William Godel, acting consul, American National bank, Denver.

Great Britain—Harry Crebbin, vice consul, 904 Equitable Bldg., Denver.

Greece—Nikias C. Calogeras, vice consul, 525 University Bldg., Denver. Represents Bulgaria and Macedonia.

Hungary—Coleman Jonas, vice consul, 1037 Broadway, Denver.

Italy—Pietro Gerbore, consul, 801 Midland Savings Bldg., Denver.

Japan—Representative, Japanese Society, 417 Barclay Bldg., 18th and Larimer Sts., Denver.

Macedonia—See Greece.

Mexico—Y. M. Vasquez, consul, 402 Mercantile Bldg., Denver.

Netherlands—G. J. Rollandet, vice consul, 919 Security Bldg., Denver.

Switzerland—Paul Weiss, consul, 307 American National Bank Bldg., Denver.

## 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 |
| 1925 | 4,423 |
| 1926 | 4,832 |
| 1927 | 4,199 |
| 1928 | 3,595 |
| 1929 | 4,557 |
| 1930 | 4,680 |

Distribution of permits in 1928 to 1930, inclusive, is as follows:

| Dealers:    | 1930  | 1929  | 1928  |
|-------------|-------|-------|-------|
| Wholesale   | 24    | 38    | 37    |
| Retail      | 513   | 515   | 501   |
| Class 4*    | 1,797 | 1,755 | 1,713 |
| Class 5 (a) | 2,346 | 2,249 | 1,344 |
| Totals      | 4,680 | 4,557 | 3,595 |

\*Physicians, dentists, veterinary surgeons, and other practitioners and hospitals, sanatoria, etc. (a) 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    | ...    |
| 1925 | 61     | 19     |
| 1926 | 19     | 293    |
| 1927 | 36     | 146    |
| 1928 | 133    | 213    |
| 1929 | 45     | 191    |
| 1930 | 26     | 417    |

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                         | ....          |

## FORT LOGAN MILITARY POST

The only army post in Colorado is Fort Logan, located near Denver. The post comprises a military reservation

of 1,000 acres, upon which are 136 buildings, including officers' headquarters, barracks and other structures. The total appraised value of the property is \$1,300,000. The Second Regiment of Engineers, totaling 440 men, and 75 men of auxiliary branches (Quartermaster, Medical, etc.) are at present stationed at the post.

The land upon which the fort is located was donated to the government by citizens of Denver. Major General Phil Sheridan selected the site and on February 28, 1887, congress authorized the secretary of war to establish the post and appropriated \$100,000 for construction work. Construction of permanent headquarters was started in November, 1887. The post was named Fort Sheridan in honor of the civil war veteran, but General Sheridan later changed it to Fort Logan, in honor of Major General John A. Logan.

The post has played an important part in the military life of Colorado. The Citizens' Military Training corps, the Reserve Officers Training corps, and other units like the Engineers and Chemical Warfare officers train at the fort each year, usually for 30 days in July. The headquarters of the 103rd Reserve division are located in Denver. This reserve includes 2,870 men, mostly officers, residing principally in Colorado, Arizona and New Mexico.

## FITZSIMONS GENERAL HOSPITAL

One of the seven general hospitals of the United States army is located at Aurora, near the eastern city limits of Denver, known as the Fitzsimons General hospital. The plant is located upon a tract of 600 acres and comprises 160 buildings, with a total bed capacity of 1,832. 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 40 per cent of the patients are of a general medical and surgical nature. The daily average number of patients is approximately 1,200. The average personnel employed is as follows: Medical officers, 48; dental officers, 4; quartermaster officers, 3; finance officers, 1; medical administrative officers, 6; chaplains, 2; internes with the grade of first lieutenant, medical corps reserve, 10; army nurse corps, 128; warrant officers, 3; enlisted men of the medical department, quartermaster corps, finance department and signal



corps, 345; and civilian employes, 510. The average cost per year for operation and maintenance is \$2,250,000. Total investment is in excess of \$10,000,000.

### VETERANS HOSPITAL

The United States Veterans Hospital is located seven miles northeast of Las Animas, in Bent county, at Fort Lyon. The hospital formerly was owned by the United States navy department and was operated as a naval hospital. After the ending of the World war it was transferred to the War Veterans bureau and is operated as a hospital by that department under the jurisdiction of the Washington headquarters.

The site comprises a square mile of ground and the numerous buildings cover 60 acres. The grounds are very attractive, with paved streets and modern improvements. The entire plant represents an investment of approximately \$6,000,000. The hospital is manned by a force of 14 salaried officers and 304 employes, and has 500 beds for patients. On February 9, 1931, a new building of the most modern construction, costing approximately \$300,000, was opened for the treatment of neuropsychiatric diseases.

### CIGARS AND TOBACCO

There were 6,324,832 cigars manufactured in Colorado in the calendar year of 1929, which compares with 7,673,536 in 1928 and 5,602,215 in 1927. There were 35 cigar factories in operation in the state on January 1, 1930, compared with 41 on January 1, 1929. During the year three factories were opened and nine were closed. The numbers of factories on January 1, of the years named, were as follows:

|             |             |
|-------------|-------------|
| 1921.....57 | 1926.....52 |
| 1922.....67 | 1927.....64 |
| 1923.....64 | 1928.....47 |
| 1924.....56 | 1929.....41 |
| 1925.....53 | 1930.....35 |

Of 6,239,564 cigars upon which revenue tax was paid in 1929, 3,550,170 were to be sold for not more than five cents each and 2,610,149 at more than eight cents each and not more than 15 cents each. There were 6,481,503-359 cigars weighing more than three pounds per 1,000 manufactured in the United States in 1929.

Quantities of tobacco used and number of cigars manufactured in Colo-

rado in the calendar years named were as follows:

| Year       | Tobacco,<br>Pounds | Number of<br>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 ..... | 274,940            | 13,843,994          |
| 1926 ..... | 216,365            | 10,216,392          |
| 1927 ..... | 117,370            | 5,602,215           |
| 1928 ..... | 152,717            | 7,673,536           |
| 1929 ..... | 122,523            | 6,324,832           |

There were two factories in the state on January 1, 1930, engaged in the manufacture of smoking tobacco, in which there was used 9,332 pounds of tobacco. Tobacco is not grown commercially in Colorado, and experimental crops have been planted in only a few known instances and then on a small scale. There is no plant in the state engaged in the manufacture of cigarettes. There were 110 factories in the United States engaged in manufacturing cigarettes on January 1, 1930, and the output of cigarettes in 1929 was 122,392,380,846, an increase of 13,686,875,196, compared with 1928. This was equal to 997 cigarettes for each man, woman and child in continental United States on the basis of the 1930 census.

### INDUSTRIAL ALCOHOL

There were two industrial alcohol plants, one bonded warehouse and three denaturing plants in operation in Colorado during the year ending June 30, 1930, under the national prohibition act. This was a decrease of one in bonded warehouses and an increase of one in denaturing plants compared with the fiscal year of 1929.

A summary of alcohol deposited in, withdrawn from and remaining in the bonded warehouses in the state for years ending June 30, as reported by the commissioner of prohibition, in proof gallons, is as follows:

|   | 1930   | 1929   |
|---|--------|--------|
| On hand .....   | 17,777 | 21,274 |
| Produced and deposited in<br>warehouses .....                       | 28,586 | 44,246 |
| Withdrawn, tax paid.....  | 17,746 | 22,220 |
| Losses in warehouse.....  | 537    | 23     |
| Withdrawn for hospital,<br>scientific and educational<br>uses ..... | 14,183 | 14,320 |
| Transfers to denaturing<br>warehouses .....                         | 12,129 | 11,173 |
| On hand end of year.....  | 1,767  | 17,778 |

During the fiscal year ending June 30, 1930, the three denaturing plants operated produced 9,502 wine gallons of completely denatured and 1,691 gal-

lons of specially denatured alcohol: removed and disposed of 8,493 gallons completely denatured and 1,691 gallons specially denatured; lost 12 gallons of the completely denatured alcohol and had 996 gallons on hand at the end of the year.

There were 33 manufacturers in the state in the year ending June 30, 1930, using specially denatured alcohol, who used 8,983 gallons for manufacturing purposes, compared with 31 manufacturers using 8,940 gallons in 1929.

### COLORADO NATIONAL GUARD

The maximum authorized strength of the Colorado national guard is 1,927 men, consisting of 156 officers, 1,770 enlisted men and one warrant officer. The actual strength as of April 1, 1930, was 132 officers, 1,651 enlisted men and one warrant officer. These belong to the 157th infantry regiment; the 1st battalion, 168th field artillery; 1st squadron, 117th cavalry; the 45th division tank company; the 45th division aviation; the 45th division headquarters staff; and the 89th infantry brigade headquarters.

The guard is a part of the military arm of the federal government, which

pays the expenses of equipment and caretakers and the maintenance and expenses of all summer camps. The cost to the federal government is approximately \$106,000 a year. The state's portion of the cost is provided by a mill levy of .07 of a mill, from which is derived approximately \$106,000 a year.

The property used for military purposes is appraised at \$3,160,000, of which \$1,860,000 is for the federal government's part and \$1,300,000 for that belonging to the state. Included in this property are 18 armories located at Greeley, Craig, Fruita, Delta, Montrose, Lamar, Boulder, Manzanola, Fort Collins, Brighton, Brush, Fort Morgan, Loveland, Burlington, Canon City, Monte Vista, Pueblo and Golden. The guard also has a military station in close proximity to Denver and on the Golden highway, known as the state rifle range, where warehouses and shops are maintained and where a state encampment is held in June of each year.

The air service is located at the Lowry aviation field in Denver, where instructors from the United States army are stationed. Lowry field has six planes in service.

## Federal Lands and Reserves

WHILE exact figures are impossible of compilation because of the numerous federal laws and the conflict of reserves, withdrawals and classifications, it is certain that the United States government is by far the largest landholder in Colorado. The government's ownership and control of surface titles alone aggregates approximately 37 per cent of the entire area of the state, and its control of sub-surface deposits covers a much larger area. A rounded estimate of the distribution of title in the surface areas of the state is approximately as follows:

|   | Acres      | Per Cent of Total Area |
|---|------------|------------------------|
| Federal, including Indian .....           | 25,037,108 | 37.74                  |
| State lands .....                         | 3,076,570  | 4.64                   |
| Privately owned (assessed) .....          | 37,163,043 | 56.02                  |
| Unaccounted for, survey errors, etc. .... | 1,064,399  | 1.60                   |
| Totals .....                              | 66,341,120 | 100.00                 |

The state immigration bureau has made as complete a compilation of separate government titles and other

varieties of surface control as is possible in the light of inaccuracies of surveys and conflicting and overlapping titles, and has found, in round numbers, the following acreages as of June 30, 1930:

|  | Acres      |
|--|------------|
| Public domain, unappropriated and unreserved .....   | 8,027,468  |
| Unperfected entries; public lands entered but not yet patented .....   | 2,189,047  |
| National forests, excluding privately owned lands within their limits .....  | 13,330,832 |
| Ute Indian lands; 39,461 privately owned and 356,682 tribal; not taxed .....   | 396,000    |
| National parks and monuments, excluding those within national forests and included in forest areas above Carey Act withdrawals, including 23,000 relinquished by Colorado but not restored to entry on federal records ..... | 55,000     |
| Power reserves of all classes .....  | 442,068    |
| Reservoir sites .....  | 1,700      |
| Reclamation, including only public lands in reclamation projects .....   | 5,000      |
| Public water reserves .....  | 8,193      |
| Naval oil reserves .....   | 64,600     |
| Stock driveways .....  | 210,200    |
| Total .....  | 25,037,108 |

### WITHDRAWALS AND CLASSIFICATIONS

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.

It is impossible to compile, with anything approaching accuracy, a complete statement of both surface and sub-surface control of lands in Colorado by the federal government. The withdrawals and classifications listed below include all reported by the various federal agencies and constitute in many instances duplications of the federal surface title areas shown in the preceding table. Areas on which surface titles are available but in which minerals are reserved to the federal government are included in the public domain area, and lands upon which surface titles are not available but on which mineral rights may be secured under the leasing laws are shown under stock driveways, water reserves, etc.

Federal withdrawals and classifications frequently overlap or are superimposed upon each other, and areas withdrawn or classified are reported by the federal government 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, including all known withdrawals and classifications, reported in round numbers and harmonized as nearly as possible, is chiefly valuable as showing the wide variety of federal control exercised over Colorado lands under various statutes, and cannot be taken as influencing the total of surface control shown in the preceding table. The report as of June 30, 1929, since when there have been no important changes, showed the following:

| Withdrawn Lands            | Acres     |
|----------------------------|-----------|
| Coal .....                 | 2,142,200 |
| Oil .....                  | 219,000   |
| Administrative sites.....  | 320       |
| In aid of legislation..... | 16,500    |

|                            | Acres   |
|----------------------------|---------|
| For classification.....    | 573,200 |
| For national monument..... | 60      |
| For proposed monument..... | 320     |
| Pending re-survey.....     | 567,000 |
| Public waters.....         | 7,500   |
| Power sites .....          | 225,500 |
| Miscellaneous power.....   | 56,000  |
| Stock driveways.....       | 210,200 |
| Reservoir sites.....       | 102,500 |
| Carey act .....            | 55,000  |
| Reclamation .....          | 5,000   |

### Classifications

|                      |           |
|----------------------|-----------|
| Coal .....           | 3,092,300 |
| Oil shale.....       | 952,200   |
| Naval oil shale..... | 64,600    |
| Power sites .....    | 194,000   |

### 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, aggregating 293,120 acres. 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 or stock driveways, water reserves, patented stock-grazing homesteads and all other public lands coming under the provisions of the general leasing acts referred to.

Development of the minerals on public lands under the various leasing acts from the date of passage to June 30, 1929, show the following totals:

### COAL

There were outstanding June 30, 1930, 81 leases aggregating 12,751 acres, 42 permits aggregating 27,642 acres and five licenses covering 200 acres. Production, in tons, since passage of the coal leasing act, and royalties and bonuses accruing to the federal government were as follows:



| Year            | Production | Royalty   |
|-----------------|------------|-----------|
| 1912-1925 ..... | 2,028,940  | \$ 93,014 |
| 1926 .....      | 353,434    | 60,431    |
| 1927 .....      | 448,552    | 60,117    |
| 1928 .....      | 439,650    | 51,076    |
| 1929 .....      | 490,416    | 59,550    |
| 1930 .....      | 434,871    | 55,624    |
| Totals.....     | 4,195,893  | \$379,812 |

At the close of the fiscal year of 1930 there were 64 producing leases, of which 15 were classified as shipping and 49 as wagon mines.

### OIL AND GAS

On June 30, 1930, there were 17 oil and gas leases in effect on public lands in Colorado, all being classed as producing, and 507 permits to prospect. Production, in barrels, since passage of the oil and gas leasing act, and royalties accruing to the federal government were as follows:

| Year        | Production | Royalties |
|-------------|------------|-----------|
| 1922 .....  | 30         | \$ 10     |
| 1923 .....  | 270        | 60        |
| 1924 .....  | 17,730     | 2,970     |
| 1925 .....  | 409,060    | 36,750    |
| 1926 .....  | 825,180    | 64,300    |
| 1927 .....  | 723,190    | 55,460    |
| 1928 .....  | 921,640    | 51,600    |
| 1929 .....  | 962,170*   | 47,300    |
| 1930 .....  | 725,040*   | 43,016    |
| Totals..... | 4,584,310  | \$301,466 |

\*Also 64,360 M cu. ft. of natural gas and 73,522 gallons of gasoline in 1929, and 877,430 M cu. ft. of gas and 14,642 gallons of gasoline in 1930.

### POTASH

On June 30, 1929, there was one potash prospecting permit outstanding, covering 2,600 acres, but no production was reported.

### ROYALTIES ACCRUING TO UNITED STATES

| Year             | Coal      | Oil and Gas | Total      |
|------------------|-----------|-------------|------------|
| To 6-30-1925..\$ | 93,014    | \$ 39,790   | *\$216,864 |
| 1926..           | 60,430    | 64,300      | 124,730    |
| 1927..           | 60,117    | 55,460      | 115,577    |
| 1928..           | 51,076    | 51,600      | 102,676    |
| 1929..           | 59,550    | 47,300      | 106,850    |
| 1930..           | 55,624    | 43,016      | 98,640     |
| Totals.....      | \$379,811 | \$301,466   | \$765,337  |

\*Includes \$84,060 in miscellaneous royalty receipts.

### 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 tees 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, including totals for the year ending June 30, 1929, the federal government had collected from sales, fees and commissions in Colorado, \$11,800,000, of which amount \$521,726 was paid to the state and \$10,051,927 was paid into the United States reclamation fund.

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. Actual receipts by the federal government and payments to the state of Colorado under that provision, from passage of the leasing act to June 30, 1930, were as follows:

| Year             | Receipts from Colorado | Payments to Colorado |
|------------------|------------------------|----------------------|
| To 6-30-1923.... | \$ 26,405              | \$ 9,851             |
| 1924....         | 33,513                 | 12,562               |
| 1925....         | 71,285                 | 26,647               |
| 1926....         | 94,418                 | 31,532               |
| 1927....         | 109,047                | 40,867               |
| 1928....         | 96,839                 | 34,919               |
| 1929....         | 101,903                | 36,816               |
| 1930....         | 97,858                 | 36,687               |
| Totals.....      | \$631,268              | \$229,881            |

The foregoing statements and tabulations showing amounts collected from operations in Colorado and amounts or proportions returned to the state do not take into consideration administrative expenditures within the state or a variety of other avenues through which a portion of the money collected in Colorado is returned to it, directly or indirectly. They include only cash returns to the state provided by law.

### DUAL USE OF PUBLIC LANDS

Most of the government's land is available for the use of the public in some form. The unappropriated and unreserved land is open for homestead

and other entries. Also, the surface of coal and other mineral land withdrawn is open for entry for homesteads, the government retaining the mineral or sub-surface rights only. Most of the mineral land is subject to leasing for prospecting and development, except that on March 12, 1929, the president withdrew the privilege of filing prospecting permits for oil and gas on the public domain. Information concerning these matters may be obtained from the registers of the local land offices listed under a description of homestead land. Lands in the national forests are available for grazing and other purposes, and with the national parks, monuments and power sites, are described in more detail in articles elsewhere in this publication.

The homestead lands of the state, more fully discussed in the chapter under that title in this volume, are now administered through two local district offices, located at Denver and Pueblo, the number of local land districts having been reduced materially in recent years, owing to the fact that much of the most desirable land is now privately owned. Homestead lands are to be distinguished from state or school lands, which became the property of the state by virtue of federal grants in 1875 and are no longer included in the total of federal government holdings in Colorado. These lands are administered by the state for the benefit of the schools.

## Federal and State Prohibition Operations in Colorado

THE enforcement of federal prohibition laws in Colorado is under the direction of the prohibition administrator for the tenth district, comprising Colorado, Wyoming, Utah, Arizona and New Mexico, with headquarters in Denver. John F. Vivian is administrator for the district. Up to June 30, 1930, Colorado was in the eighteenth district, comprising Colorado, Wyoming and New Mexico. The division is under the supervision of the bureau of prohibition in the department of justice. The division for the issuance of permits, maintained as a separate unit since 1930, is under the bureau of industrial alcohol in the treasury department, and Colorado is in the tenth district, which is under the supervision of G. E. Ellsworth, with headquarters in Denver.

Operations in Colorado in fiscal years ending June 30, 1930, and 1929, were reported as follows:

|   | 1930     | 1929     |
|---|----------|----------|
| Illicit apparatus seized:                               |          |          |
| Distilleries .....                                      | 118      | 90       |
| Stills .....  | 24       | 3        |
| Still worms .....                                       | 74       | 2        |
| Fermenters .....  | 2,219    | 1,968    |
| Liquors seized, gallons:                                |          |          |
| Spirits .....   | 6,715    | 5,351    |
| Malt liquor .....                                       | 3,077    | 1,338    |
| Wine .....  | 3,918    | 2,381    |
| Mash .....  | 95,708   | 73,711   |
| Autos seized .....                                      | 150      | 72       |
| Value autos seized .....                                | \$59,583 | \$35,385 |
| Appraised value property seized and destroyed .....     | \$ 1,420 | \$ 1,976 |
| Appraised value property seized and not destroyed ..... | \$60,012 | \$35,603 |
| Persons arrested:                                       |          |          |
| By federal officers ....                                | 562      | 353      |

|   | 1930     | 1929     |
|---|----------|----------|
| By state officers, assisted by federal officers ..... | 790      | 510      |
| Prosecutions:   |          |          |
| Dismissals .....                                      | 107      | 42       |
| Nolle prossed .....                                   | 26       | 65       |
| Acquittals .....                                      | 31       | 25       |
| Convictions .....                                     | 267      | 231      |
| Sentences, aggregate years .....                      | 81       | 84       |
| Amount of fines .....                                 | \$48,825 | \$43,517 |

The following table shows the number of stills and gallons of liquor seized, value of property (cars) seized and not destroyed, and number of persons arrested by fiscal years ending on June 30:

| Year | Stills and Apparatus Seized | Gals. Spirits, Wines, Malt, Etc., Seized | Value Property Seized and Not Destroyed | Persons Arrested |
|------|-----------------------------|--|---|------------------|
| 1921 | 263                         | 25,470                                   | \$ 8,475                                | 409              |
| 1922 | 407                         | 76,769                                   | 21,762                                  | 633              |
| 1923 | 148                         | 66,604                                   | 6,442                                   | 498              |
| 1924 | 189                         | 57,205                                   | 15,907                                  | 502              |
| 1925 | 942                         | 72,030                                   | 16,644                                  | 1,066            |
| 1926 | 236                         | 201,194                                  | 20,216                                  | 745              |
| 1927 | 135                         | 10,322                                   | 24,127                                  | 726              |
| 1928 | 117                         | 8,148                                    | 31,374                                  | 787              |
| 1929 | 2,063                       | 82,782                                   | 35,603                                  | 863              |
| 1930 | 2,435                       | 109,418                                  | 60,012                                  | 1,352            |

Wine, in wine gallons, shipped or delivered in Colorado for sacramental purposes, by fiscal years ending June 30, are as follows:

|            |       |
|------------|-------|
| 1929 ..... | 3,473 |
| 1930 ..... | 3,599 |

There were 1,527 permits in force in Colorado on June 30, 1930, of which six were to wholesale druggists, two were permits to transfer, 437 were permits to use intoxicating liquors in the manufacture of preparations unfit for beverage use and for experimental purposes, 32 were permits to use and sell, 1,002 were permits to prescribe, for physicians, and to use intoxicating liquor for physicians, dentists, veterinarians, chiropractors, etc.; five were to manufacture vinegar and to procure intoxicating liquor for conversion into same, three were permits to operate de-alcoholizing plants, and 40 were permits to hospitals. The total number of permits in effect on June 30, 1929, was 1,540.

### PROHIBITION IN COLORADO

The sixteenth general assembly of Colorado passed a local option law in the spring of 1907 which permitted the people in any individual sub-division of the commonwealth to determine by vote whether that sub-division should become anti-saloon territory.

An amendment to the state constitution prohibiting the manufacture and sale of intoxicating liquors was submitted to the people of the state at a general election on November 5, 1912. It was defeated.

A similar amendment, known as "Article XXII—Intoxicating Liquors," was submitted at a general election on November 3, 1914, and was adopted. The amendment provided that the law should become effective at midnight on December 31, 1915.

An amendment to the constitution legalizing the manufacture of beer and its sale direct to the consumer was submitted at a general election on November 16, 1916. It was defeated.

An initiated measure known as the "bone dry" act was submitted at a general election on November 5, 1918, and was adopted.

A proposal to amend Article XXII of the state constitution, permitting the manufacture and sale of light wines and beer, was submitted at a general election on November 2, 1926. It was defeated.

The vote on the above named measures was as follows:

| Year | For     | Against |
|------|---------|---------|
| 1912 | 75,877  | 116,774 |
| 1914 | 129,589 | 118,017 |
| 1916 | 77,345  | 163,134 |
| 1918 | 113,636 | 64,740  |
| 1926 | 107,749 | 154,672 |

Article 18, known as the liquor prohibition amendment to the federal constitution, was proposed to the legislatures of the several states by the 65th congress on December 18, 1917, and on January 29, 1919, the secretary of state of the United States proclaimed its adoption by 36 states and declared it in effect at midnight on January 16, 1920.

The Volstead act (national prohibition act) to enforce the 18th amendment was passed by congress in October, 1919. It was vetoed by President Wilson and was passed over his veto on October 28, 1919, and became effective on January 17, 1920.

The Willis-Campbell act, strengthening the prohibition act, became a law on November 23, 1921, and the Jones law, an amendment making more drastic the national prohibition act, was approved by President Coolidge on March 2, 1929.

Ten counties in Colorado had become anti-saloon territory between the enactment of the local option law in 1907 and January 1, 1916, when the statewide prohibition act went into effect. These were Delta, Larimer, Logan, Montrose, Morgan, Mesa, Phillips, Sedgwick, Washington and Yuma counties. In addition to the counties, there were a number of incorporated places which had voted for the abolition of the saloon. Approximately 54 per cent of the state's population was residing in anti-saloon territory when the state amendment went into effect.

The quantity of liquor consumed in Colorado prior to prohibition is not definitely known. In 1913, when the consumption in the country was near, or at the peak, the per capita consumption for the United States, based on the federal government's figures, was 22.68 gallons. This figure included light wines and beer. This per capita consumption applied to the 46 per cent of Colorado's population not anti-saloon territory prior to January 1, 1916, which included the larger cities where consumption normally was heavier than in rural communities, gave an indicated annual consumption of around 10,000,000 gallons.

A table is published herewith giving the vote by counties on statewide prohibition measures submitted in 1912, 1914, 1916, 1918 and 1926. Additional information on this subject will be found elsewhere in this volume in the chapter, "Deaths from Alcoholism" under "Mortality Statistics."



## VOTE ON PROHIBITION MEASURES

NOTE.—Measures voted upon were: 1912, constitutional amendment prohibiting manufacture and sale of intoxicating liquors; 1914, constitutional amendment (Art. XXII) prohibiting manufacture and sale of intoxicating liquors; 1916, amendment legalizing manufacture and sale of beer; 1918, initiated measure known as the "bone dry" act; 1926, amendment permitting manufacture and sale of light wines and beer.

| COUNTY           | 1926    |         | 1918    |         | 1916   |         | 1914     |          | 1912    |         |
|------------------|---------|---------|---------|---------|--------|---------|----------|----------|---------|---------|
|                  | For     | Against | For     | Against | For    | Against | For      | Against  | For     | Against |
| Adams-----       | 1,920   | 2,197   | 1,893   | 914     | 1,095  | 1,600   | 1,180    | 1,299    | 713     | 1,397   |
| Alamosa-----     | 970     | 987     | 517     | 374     | 329    | 1,001   | 792      | 626      | -----   | -----   |
| Arapahoe-----    | 2,201   | 3,061   | 1,856   | 971     | 1,061  | 2,300   | 1,734    | 1,734    | 898     | 1,720   |
| Archuleta-----   | 408     | 297     | 333     | 158     | 238    | 573     | 387      | 453      | 279     | 364     |
| Baca-----        | 338     | 1,449   | 1,001   | 219     | 470    | 1,356   | 629      | 304      | 487     | 210     |
| Bent-----        | 528     | 1,838   | 850     | 214     | 332    | 1,761   | 1,223    | 543      | 814     | 664     |
| Boulder-----     | 3,189   | 7,241   | 4,047   | 2,204   | 2,828  | 7,069   | 5,852    | 3,671    | 3,637   | 3,931   |
| Chaffee-----     | 1,238   | 1,074   | 955     | 804     | 831    | 2,099   | 1,427    | 1,380    | 966     | 1,453   |
| Cheyenne-----    | 433     | 831     | 824     | 230     | 311    | 971     | 560      | 282      | 415     | 378     |
| Clear Creek----- | 545     | 435     | 539     | 515     | 558    | 927     | 723      | 890      | 349     | 1,004   |
| Conejos-----     | 1,251   | 847     | 531     | 383     | 264    | 1,402   | 1,029    | 670      | 1,620   | 1,365   |
| Costilla-----    | 658     | 248     | 358     | 171     | 341    | 562     | 382      | 254      | 297     | 248     |
| Crowley-----     | 414     | 1,186   | 916     | 262     | 403    | 1,303   | 976      | 577      | 609     | 571     |
| Custer-----      | 472     | 271     | 221     | 307     | 334    | 435     | 263      | 496      | 131     | 444     |
| Delta-----       | 1,233   | 3,207   | 1,988   | 560     | 697    | 3,280   | 2,969    | 1,254    | 2,097   | 1,526   |
| Denver-----      | 36,644  | 32,845  | 26,524  | 19,724  | 23,112 | 34,195  | 29,553   | 38,139   | 11,824  | 34,241  |
| Dolores-----     | 197     | 159     | 169     | 89      | 102    | 136     | 52       | 132      | 20      | 108     |
| Douglas-----     | 631     | 798     | 604     | 416     | 390    | 782     | 535      | 646      | 217     | 634     |
| Earle-----       | 659     | 492     | 383     | 372     | 438    | 781     | 539      | 722      | 280     | 694     |
| Elbert-----      | 609     | 1,388   | 1,057   | 410     | 592    | 1,159   | 853      | 814      | 523     | 781     |
| El Paso-----     | 4,440   | 10,353  | 6,663   | 2,877   | 3,334  | 10,551  | 9,171    | 5,144    | 4,749   | 7,206   |
| Fremont-----     | 1,903   | 5,203   | 2,714   | 1,324   | 1,331  | 3,799   | 3,277    | 2,197    | 2,713   | 2,429   |
| Garfield-----    | 1,356   | 1,519   | 1,316   | 711     | 854    | 2,261   | 1,887    | 1,447    | 1,241   | 1,675   |
| Gilpin-----      | 384     | 168     | 157     | 393     | 433    | 495     | 432      | 715      | 163     | 681     |
| Grand-----       | 531     | 400     | 303     | 266     | 340    | 374     | 277      | 564      | 182     | 427     |
| Gunnison-----    | 1,025   | 872     | 647     | 646     | 753    | 1,265   | 793      | 1,261    | 492     | 1,110   |
| Hinsdale-----    | 94      | 84      | 99      | 76      | 66     | 157     | 111      | 100      | 49      | 161     |
| Huerfano-----    | 1,037   | 1,273   | 1,399   | 1,637   | 1,331  | 1,958   | 1,371    | 2,031    | 942     | 1,930   |
| Jackson-----     | 174     | 185     | 209     | 100     | 115    | 261     | 170      | 224      | 124     | 172     |
| Jefferson-----   | 2,831   | 3,416   | 2,439   | 1,461   | 1,802  | 2,881   | 2,328    | 2,721    | 1,105   | 2,761   |
| Kiowa-----       | 241     | 1,015   | 918     | 261     | 356    | 1,099   | 812      | 378      | 673     | 336     |
| Kit Carson-----  | 654     | 2,331   | 1,456   | 472     | 587    | 1,585   | 1,005    | 664      | 755     | 607     |
| Lake-----        | 1,510   | 486     | 588     | 1,327   | 1,680  | 1,492   | 1,149    | 2,420    | 638     | 2,134   |
| La Plata-----    | 1,652   | 1,716   | 840     | 656     | 685    | 2,265   | 1,528    | 1,438    | 1,055   | 1,552   |
| Larimer-----     | 2,007   | 6,344   | 3,757   | 1,207   | 1,316  | 5,435   | 4,106    | 2,333    | 3,026   | 2,642   |
| Las Animas-----  | 3,978   | 3,164   | 2,825   | 2,303   | 3,327  | 3,105   | 2,596    | 5,416    | 1,340   | 5,430   |
| Lincoln-----     | 760     | 1,543   | 1,316   | 458     | 632    | 1,783   | 1,123    | 743      | 699     | 700     |
| Logan-----       | 1,405   | 3,052   | 2,350   | 818     | 867    | 2,766   | 1,956    | 1,031    | 1,327   | 866     |
| Mesa-----        | 2,063   | 4,800   | 3,176   | 1,204   | 1,447  | 4,951   | 3,883    | 2,349    | 3,546   | 2,310   |
| Mineral-----     | 149     | 64      | 101     | 135     | 106    | 249     | 215      | 184      | 145     | 311     |
| Moffat-----      | 440     | 737     | 606     | 168     | 247    | 865     | 350      | 375      | 310     | 309     |
| Montezuma-----   | 610     | 865     | 615     | 240     | 280    | 1,292   | 1,015    | 498      | 560     | 588     |
| Montrose-----    | 824     | 2,767   | 1,861   | 746     | 768    | 2,725   | 2,420    | 1,208    | 1,506   | 1,106   |
| Morgan-----      | 1,010   | 2,714   | 2,184   | 672     | 885    | 2,558   | 1,900    | 1,021    | 1,327   | 930     |
| Otero-----       | 1,356   | 4,425   | 3,115   | 1,010   | 1,335  | 4,776   | 4,286    | 1,695    | 2,701   | 1,621   |
| Ouray-----       | 386     | 318     | 420     | 289     | 286    | 828     | 703      | 655      | 388     | 735     |
| Park-----        | 440     | 296     | 412     | 248     | 349    | 440     | 291      | 550      | 101     | 434     |
| Phillips-----    | 495     | 1,322   | 702     | 270     | 292    | 862     | 555      | 376      | 497     | 330     |
| Pitkin-----      | 515     | 260     | 403     | 358     | 406    | 624     | 412      | 644      | 234     | 738     |
| Prowers-----     | 769     | 2,777   | 1,693   | 573     | 690    | 2,819   | 1,818    | 934      | 1,376   | 986     |
| Pueblo-----      | 7,090   | 9,376   | 6,730   | 4,721   | 5,949  | 9,777   | 1,739    | 8,273    | 4,941   | 8,619   |
| Rio Blanco-----  | 462     | 427     | 416     | 272     | 316    | 606     | 321      | 500      | 166     | 488     |
| Rio Grande-----  | 770     | 1,482   | 988     | 405     | 442    | 1,742   | 1,458    | 560      | 1,106   | 770     |
| Routt-----       | 985     | 1,342   | 1,105   | 481     | 766    | 1,703   | 1,158    | 1,080    | 722     | 953     |
| Saguache-----    | 740     | 669     | 612     | 324     | 310    | 1,080   | 871      | 689      | 444     | 688     |
| San Juan-----    | 342     | 127     | 156     | 135     | 322    | 406     | 216      | 636      | 157     | 552     |
| San Miguel-----  | 606     | 371     | 574     | 440     | 555    | 955     | 688      | 1,098    | 474     | 970     |
| Sedgwick-----    | 425     | 842     | 605     | 356     | 261    | 649     | 500      | 378      | 453     | 242     |
| Summit-----      | 345     | 234     | 247     | 289     | 284    | 477     | 315      | 511      | 201     | 535     |
| Teller-----      | 1,319   | 667     | 1,082   | 932     | 1,844  | 2,772   | 2,558    | 2,480    | 1,267   | 2,694   |
| Washington-----  | 539     | 1,931   | 1,574   | 661     | 721    | 1,452   | 893      | 767      | 591     | 567     |
| Weld-----        | 3,727   | 9,114   | 6,863   | 2,731   | 2,951  | 8,779   | 7,471    | 3,830    | 4,182   | 3,699   |
| Yuma-----        | 822     | 2,770   | 1,834   | 789     | 998    | 2,523   | 1,800    | 1,008    | 1,063   | 1,047   |
| Total-----       | 107,749 | 154,672 | 113,636 | *64,740 | 77,345 | 163,134 | *129,589 | *118,017 | *75,877 | 116,774 |

\*The totals used are those taken from the published official abstract of votes, although they do not agree with the totals of the county figures. It is impossible at this time to locate and correct the errors.

## Persons in Governmental Service

A SURVEY undertaken in 1927 for the purpose of ascertaining as nearly as possible the number of salaried officials and employes engaged in all branches of governmental service in Colorado shows a total of 25,292, or one for each 40.9 persons in the state. This total does not include seasonal employes paid on a daily wage basis, such as laborers on road construction, in the national forests and on reclamation projects, or officials of a number of small incorporated towns who receive no compensation for their services, but does include a considerable number of officials and employes of small towns who receive only nominal salaries.

The survey was the first of the kind undertaken by this department and yielded some unexpected results. The questionnaires sought information on the number of salaried officials and employes only, and while the total appears large, it was found that a considerable per cent of the number do not depend upon compensation for governmental services for a livelihood.

The public school system of the state accounted for the largest number of salaried officials and employes, there being 9,514 teachers and 650 administrative officials and employes, including janitors, the last-named figure being partially estimated, as complete data are not available.

The federal government occupies second place, with 6,922 salaried officials and employes in the state. This number includes those employed in the national forests, in the reclamation service, the postoffice department, railway mail service, inspection bureaus and government hospitals. It also includes the national guard of the state, members of which receive one day's salary per week for services in attending drill. Postmasters and postoffice employes throughout the state make up a considerable part of the total. The figure does not include approximately 1,000 seasonal employes engaged in work in the national forests, on reclamation work, and similar enterprises who are not on a salary basis and whose work is confined mostly to the summer months. While the number of federal officials and employes is comparatively large, many of these have jurisdiction over areas greater in extent than that of the

state, being identified with regional offices.

The cities and towns of the state occupy third place, with a total of 4,237 reported for 213 incorporated places. Denver ranked first, with a total of 2,250; Colorado Springs second with 346 and Pueblo third with 220. The Colorado Springs figures include salaried employes of the light and power and water system, which are municipally owned. Denver's figures are not included in the total for counties, since the city and county of Denver are co-extensive. Twenty-two incorporated towns reported that they had no salaried officials or employes. Nine towns failed to reply to questionnaires and no estimates were made for these. The largest town not reporting was Trinidad. One town reported that its officials received salaries of one dollar each per year. Another reported eight officials receiving salaries of one dollar per month each, while several reported only nominal salaries paid.

The state government reported a total of 2,315 salaried officials and employes. This number includes all executive and administrative departments, the supreme and district courts, members of the legislature and legislative employes, the penal and eleemosynary institutions and state colleges and universities. The state educational institutions rank first in number, there being a total of 660, of whom 555 are professors and instructors. This figure, however, does not include the faculties of summer schools, many of which embrace members of the faculty for the regular terms. The Colorado State hospital comes next, with a total of 237. There are 100 members and 94 employes of the legislature included in the number. The highway department comes next with 120, the penitentiary next with 80, and the fish and game department next with 62. The military department reported 26, the remainder of that branch being paid by the federal government.

The counties of the state reported the lowest number of employes of any of the political subdivisions, the total being 1,654. Fifty-seven counties reported a total of 1,564, and five counties, from which no reports were received, are estimated at 90.

## Government and Political Record

THE 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 |
| <b>Territorial Representatives</b>                             |           |
| Hiram P. Bennett.....  | 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 (R).....          | 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. Valle (R).....      | *1919-1927 |
| S. Harrison White (D).....     | 1927-1928  |
| Edward T. Taylor (D).....      | 1909-_____ |
| Charles B. Timberlake (R)..... | 1915-_____ |
| Guy U. Hardy (R).....          | 1919-_____ |
| William R. Eaton (R).....      | 1928-_____ |

#### United States Senators

|                                  |            |
|----------------------------------|------------|
| Henry M. Teller (R).....         | 1876-1882  |
| Jerome 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-_____ |
| Edward P. Costigan (D).....      | 1931-_____ |

### Justices of the Supreme Court

|                           |                       |
|---------------------------|-----------------------|
| Benjamin F. Hall.....     | 1861-1865             |
| Charles Lee Armour.....   | 1861-1865             |
| 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.....    | 1891-1901, 1905-1909  |
| William H. Gabbert.....   | 1897-1917             |
| Robert W. Steele.....     | 1901-1911             |
| Julius C. Gunter.....     | 1905-1907             |
| John M. Maxwell.....      | 1905-1909             |
| George W. Bailey.....     | 1905-1909             |
| Charles F. Caswell.....   | *1907-1907            |
| Morton S. Bailey.....     | 1909-1917             |
| William A. Hill.....      | 1909-1919             |
| George W. Musser.....     | 1909-1915             |
| S. Harrison White.....    | 1909-1919             |
| James E. Garrigues.....   | 1909-1919             |
| Tully Scott.....          | 1913-1923             |
| James T. 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             |
| Haslett P. Burke.....     | 1919-_____            |
| John Campbell.....        | 1895-1913, 1923-_____ |
| John T. Adams.....        | 1925-_____            |
| Charles C. Butler.....    | 1927-_____            |
| Wilbur M. Alter.....      | 1928-_____            |
| Julian H. Moore.....      | 1929-_____            |
| Benjamin C. Hilliard..... | 1931-_____            |

### Justices of Court of Appeals

|                          |           |
|--------------------------|-----------|
| George Q. Richmond.....  | 1891-1893 |
| Julius B. Bissell.....   | 1891-1893 |
| Gilbert B. Reed.....     | 1891-1893 |
| Charles I. Thompson..... | 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 W. 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 R. 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 |
| Oliver H. Shoup.....     | 1919-1923 |
| William E. Sweet.....    | 1923-1925 |
| Clarence J. Morley.....  | 1925-1927 |
| William H. Adams.....    | 1927—     |

**Lieutenant Governor**

|                              |           |
|------------------------------|-----------|
| Lafayette Head.....          | 1877-1879 |
| Horace A. W. Tabor.....      | 1879-1883 |
| William H. Meyers.....       | 1883-1885 |
| 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 H. Haggott.....       | 1903-1905 |
| Arthur Cornforth.....        | 1905-1907 |
| E. R. Harper.....            | 1907-1909 |
| Stephen R. Fitzgarrauld..... | 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—     |

**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 F. 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—     |

**State Treasurer**

|                        |           |
|------------------------|-----------|
| George C. Corning..... | 1877-1879 |
| Nathan S. Culver.....  | 1879-1881 |
| W. S. Sanders.....     | 1881-1883 |
| Fred Walson.....       | 1883-1885 |
| George R. Swallow..... | 1885-1887 |
| Peter W. Breene.....   | 1887-1889 |

|                           |           |
|---------------------------|-----------|
| W. H. Blsbane.....        | 1889-1891 |
| James N. Carille.....     | 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 |
| Witney 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—     |

**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. Spurance.....    | 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—     |

**Attorney General**

|                           |           |
|---------------------------|-----------|
| A. J. Sampson.....        | 1877-1879 |
| Charles W. Wright.....    | 1879-1881 |
| Charles Toll.....         | 1881-1883 |
| D. C. Urmey.....          | 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 J. 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—

#### Superintendent of Public Instruction

Joseph C. Shattuck..... 1877-1881  
 Leonidas S. Cornell..... 1881-1883  
 Joseph C. Shattuck..... 1883-1885  
 Leonidas S. Cornell..... 1885-1889

Fred Dick..... 1889-1891  
 Nathan Coy..... 1891-1893  
 John F. Murray..... 1893-1895  
 Angenette J. Peavey..... 1895-1897  
 Grace Espey Patton..... 1897-1899  
 Helen L. Grenfell..... 1899-1905  
 Katherine L. Craig..... 1905-1911  
 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—

#### DISTRICT JUDGES AND DISTRICT ATTORNEYS

Note.—Terms of District Judges expire January 12, 1937; of District Attorneys January 10, 1933. Salary of District Judges is \$4,000 per annum.

| District   | Judge  | District Attorney     | Address          |
|--|--|-----------------------|------------------|
| First—Gilpin, Clear Creek, Arapahoe, Jefferson, Adams .....              | Johnson, Samuel W.   | Stone, Joel E.        | Littleton        |
| Second—Denver .....  | McDontough, Frank, Sr.<br>Calvert, H. A.<br>Dunklee, George F.<br>Holland, E. V.<br>Sackmann, Charles C.<br>Starkweather, Jas. C.<br>Steele, Robert W. | Wettengel, Earl       | Denver           |
| Third—Baca, Bent, Huerfano, Las Animas, Prowers .....                    | Hollenbeck, A. F.<br>McChesney, A. C.  | Erickson, Malcolm     | Trinidad         |
| Fourth—Cheyenne, Douglas, Elbert, El Paso, Kit Carson, Lincoln, Teller.. | Cornforth, Arthur<br>Young, John C.  | Meikle, John M.       | Colorado Springs |
| Fifth—Eagle, Lake, Summit  | Bouck, Francis F.  | Luby, William H.      | Eagle            |
| Sixth—Archuleta, Dolores, La Plata, Montezuma, San Juan .....            | Searcy, W. N.  | Jacobson, W.<br>Bruce | Durango          |
| Seventh—Delta, Gunnison, Hinsdale, Mesa, Montrose, Ouray, San Miguel..   | Bruce, George W.<br>Logan, Straud M.   | Blaine, Charles E.    | Delta            |
| Eighth—Boulder, Jackson, Larimer, Weld.....                              | Coffin, Claude C.<br>Graham, Neil F.   | Romans, A. H.         | Loveland         |
| Ninth—Pitkin, Garfield, Rio Blanco .....                                 | Shumate, John T.   | Delaney, Frank        | Glenwood Springs |
| Tenth—Crowley, Kiowa, Otero, Pueblo.....                                 | Trimble, Samuel D.<br>Voorhees, John H.  | Phelps, J. Arthur     | Pueblo           |
| Eleventh—Chaffee, Custer, Fremont, Park.....                             | Cooper, James L.   | Locke, James T.       | Canon City       |
| Twelfth—Alamosa, Conejos, Costilla, Mineral, Rio Grande, Saguache.....   | Palmer, John I.  | Woodward, C. H.       | Alamosa          |
| Thirteenth—Logan, Morgan, Phillips, Sedgwick, Washington, Yuma.....      | Munson, H. E.<br>Taylor, Arlington   | Johnson, Roy T.       | Sterling         |
| Fourteenth—Grand, Moffat, Routt .....                                    | Herrick, Chas. E.  | Carpenter, F. R.      | Hayden           |

**COLORADO STATE OFFICIALS FOR 1931-1932**

**United States Senators**

Charles W. Waterman.....Rep.....Denver...Term: March 4, 1927-March 4, 1933  
Edward P. Costigan.....Dem.....Denver...Term: March 4, 1931-March 4, 1937

The salary of a United States senator is \$10,000 per annum.

**Congressmen**

William R. Eaton.....Rep.....First District.....Denver  
Charles B. Timberlake.....Rep.....Second District.....Sterling  
Guy U. Hardy.....Rep.....Third District.....Canon City  
Edward T. Taylor.....Dem.....Fourth District..Glenwood Springs

Terms of all congressmen expire March 4, 1933. The salary of a congressman is \$10,000 per annum.

**Executive State Officers**

Governor .....William H. Adams.....Dem.....Alamosa  
Lieutenant Governor.....Edwin C. Johnson.....Dem.....Craig  
Secretary of State.....Charles M. Armstrong.....Rep.....Denver  
Treasurer .....John M. Jackson.....Rep.....Pueblo  
Auditor of State.....William D. MacGinnis.....Rep.....Wray  
Attorney General.....Clarence L. Ireland.....Rep.....Denver  
Supt. Public Instruction...Inez Johnson Lewis.....Dem...Colorado Springs

Terms of state executive officials expire January 10, 1933. Salaries, per annum, are as follows: Governor, \$5,000; 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 T. Adams, Chief Justice, Alamosa

Benjamin C. Hilliard, Denver  
John Campbell, Colorado Springs  
Julian H. Moore, Denver

Charles C. Butler, Denver  
Haslett P. Burke, Sterling  
Wilbur M. Alter, Colorado Springs

The justices of the supreme court receive salaries of \$5,000 per annum. All members of the court are Republican in politics, except Justice Hilliard, a Democrat.

**OFFICIAL AND OTHER BIRDS**

The twenty-eighth 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 date 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 Colorado museum of natural history in Denver, either mounted individually or in groups or in study collections.

**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 part 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.



STATE SENATORS  
(28th General Assembly)

Key: R. Republican; D. Democrat; H-O. Holdover; E. Elected in 1930; term, November, 1930-November, 1934. The term of Holdover Senators expires November, 1932.

| Dist.     | Name                     | Party      | Address                         | Counties in District                                   |
|-----------|--------------------------|------------|---------------------------------|--|
| 1st-----  | Ammons, Teller-----      | D.E.-----  | 2062 Eudora St., Denver-----    | -----Denver  |
|           | Fairfield, Golding-----  | R.H-O----- | 2244 So. Milwaukee, Denver----- | -----Denver  |
|           | Kettering, Chas. E.----- | D.E.-----  | 1361 Bellaire St., Denver-----  | -----Denver  |
|           | Manley, George C.-----   | R.E.-----  | 755 Lafayette St., Denver-----  | -----Denver  |
|           | Quiat, Ira L.-----       | D.E.-----  | 2388 Ash St., Denver-----       | -----Denver  |
|           | Simonson, A. J.-----     | R.H-O----- | 2660 E. 14th Ave., Denver-----  | -----Denver  |
|           | Wheatley, Edw. L.-----   | R.H-O----- | 2130 Tremont Pl., Denver-----   | -----Denver  |
| 2nd-----  | Horn, Charles F.-----    | D.E.-----  | 111 W. 12th St., Pueblo-----    | -----Pueblo  |
|           | Talbot, Ray H.-----      | D.H-O----- | Pueblo-----                     | -----Pueblo  |
| 3rd-----  | Brady, Emory J.-----     | R.E.-----  | Colorado Springs-----           | -----El Paso   |
|           | Davis, Roy A.-----       | R.H-O----- | Colorado Springs-----           | -----El Paso   |
| 4th-----  | Martinez, J. E.-----     | D.H-O----- | Trinidad-----                   | -----Las Animas  |
| 5th-----  | Lashley, Theo. G.-----   | R.H-O----- | Boulder-----                    | -----Boulder   |
| 6th-----  | Ehrhart, Thos. J.-----   | D.E.-----  | Centerville-----                | -----Chaffee, Lake                                     |
| 7th-----  | Graves, C. R.-----       | R.H-O----- | New Raymer-----                 | -----Weld  |
| 8th-----  | Murchison, F. C.-----    | R.H-O----- | Arvada-----                     | -----Jefferson   |
| 9th-----  | Evans, Richard-----      | R.H-O----- | Coal Creek-----                 | -----Fremont   |
| 10th----- | Warren, Nate C.-----     | R.E.-----  | Fort Collins-----               | -----Larimer   |
| 11th----- | Hillman, John E.-----    | R.H-O----- | Delta-----                      | -----Gunnison, Delta                                   |
| 12th----- | King, John H.-----       | D.E.-----  | Sterling-----                   | -----Logan, Sedgwick, Phillips,<br>Washington, Yuma    |
| 13th----- | Hansen, Harry W.-----    | R.H-O----- | Craig-----                      | -----Jackson, Routt, Rio Blanco,<br>Moffat             |
| 14th----- | Unfug, Adolph-----       | R.E.-----  | Walsenburg-----                 | -----Costilla, Huerfano, Custer                        |
| 15th----- | Headlee, A. Elmer-----   | D.E.-----  | Monte Vista-----                | -----Rio Grande, Saguache, Mineral                     |
| 16th----- | Bannister, Ollie E.----- | D.E.-----  | Grand Junction-----             | -----Mesa  |
| 17th----- | Knous, Lee-----          | D.E.-----  | Montrose-----                   | -----Dolores, Montrose, San Miguel                     |
| 18th----- | Rumbaugh, Chas. F.-----  | D.E.-----  | Pagosa Springs-----             | -----Hinsdale, Ouray, San Juan,<br>Archuleta           |
| 19th----- | Pingrey, Rowe N.-----    | R.H-O----- | Durango-----                    | -----La Plata, Montezuma                               |
| 20th----- | Peiffer, Vernon-----     | D.E.-----  | Cripple Creek-----              | -----Teller, Park                                      |
| 21st----- | Rees, Claude H.-----     | R.H-O----- | Rifle-----                      | -----Eagle, Garfield, Pitkin                           |
| 22nd----- | Lininger, Alfred M.----- | R.H-O----- | Englewood-----                  | -----Adams, Arapahoe, Morgan                           |
| 23rd----- | Ryan, James B.-----      | R.H-O----- | Rocky Ford-----                 | -----Crowley, Otero                                    |
| 24th----- | Shawcroft, John W.-----  | R.H-O----- | La Jara-----                    | -----Conejos, Alamosa                                  |
| 25th----- | Tempel, Fred A.-----     | R.E.-----  | Wiley-----                      | -----Baca, Bent, Kiowa, Prowers                        |
| 26th----- | Flebbe, Fred W.-----     | R.H-O----- | Kremmling-----                  | -----Clear Creek, Gilpin, Grand,<br>Summit             |
| 27th----- | Nelson, Henry C.-----    | R.E.-----  | Cheyenne Wells-----             | -----Kit Carson, Cheyenne,<br>Douglas, Elbert, Lincoln |

STATE REPRESENTATIVES

(28th General Assembly)

Note.—Terms of Representatives expire November, 1932.

| District                    | Name                     | Party | Address                        |
|-----------------------------|--------------------------|-------|--------------------------------|
| Adams                       | Minshall, Charles D.     | D     | Brighton                       |
| Alamosa                     | Smith, O. O.             | D     | Mosca                          |
| Arapahoe-Elbert             | Anderson, Hugh           | R     | Deertrail                      |
| Boulder                     | Graham, James W., Jr.    | D     | Lafayette                      |
| Boulder                     | Johnson, Rudolph         | R     | Boulder                        |
| Chaffee                     | Burnett, J. A.           | D     | Poncha Springs                 |
| Clear Creek                 | Barrick, Wm. H.          | D     | Dumont                         |
| Conejos                     | Meyers, Dr. H. C.        | D     | Antonito                       |
| Crowley-Otero               | Hunter, D. E.            | D     | Manzanola                      |
| Crowley-Otero               | Steen, Robert A.         | D     | La Junta                       |
| Delta                       | Hotchkiss, E. Clair      | D     | Hotchkiss                      |
| Denver                      | Albright, E. S.          | D     | 2249 Ivy St., Denver           |
| Denver                      | Anderson, Joseph A.      | R     | 3052 Wyandot St., Denver       |
| Denver                      | Burchfield, William E.   | R     | 304 Clarkson St., Denver       |
| Denver                      | Collier, Malcolm Edward  | R     | 200 So. Washington St., Denver |
| Denver                      | Henry, S. Arthur         | R     | 1070 Humboldt St., Denver      |
| Denver                      | Holland, Josiah G.       | R     | 1368 Williams St., Denver      |
| Denver                      | Kavanagh, Wm. P.         | R     | 7335 E. 17th Ave., Denver      |
| Denver                      | Morris, David            | D     | 1425 E. 13th Ave., Denver      |
| Denver                      | Phelps, Horace F.        | R     | 191 Race St., Denver           |
| Denver                      | Spangler, William E.     | R     | 515 So. Washington St., Denver |
| Denver                      | Stafford, Clarence M.    | R     | 419 Franklin St., Denver       |
| Denver                      | Tarbell, Winfield S.     | R     | 1748 High St., Denver          |
| Douglas                     | Seidensticker, Edward G. | R     | Castle Rock                    |
| Eagle                       | Johns, Harry C.          | D     | Gypsum                         |
| El Paso                     | Burge, D. T.             | R     | Colorado Springs               |
| El Paso                     | Jackson, J. P.           | R     | Colorado Springs               |
| El Paso                     | Porth, Wallace S.        | R     | Colorado Springs               |
| Fremont                     | Kelso, Clarence A.       | R     | Howard                         |
| Garfield-Rio Blanco         | Oldland, Reuten          | D     | Meeker                         |
| Gilpin                      | Parfet, Wilbur S.        | R     | Central City                   |
| Gunnison                    | Curtis, Wilbur L.        | R     | Gunnison                       |
| Hinsdale-Archuleta-Mineral  | Fisher, Royal L.         | D     | Creede                         |
| Huerfano-Costilla           | Barron, Joseph A.        | D     | Walsenburg                     |
| Jefferson                   | Johnston, David C.       | D     | Golden                         |
| Kiowa-Bent                  | Rogers, Byron G.         | D     | Las Animas                     |
| Lake                        | Hoefnagels, Edward J.    | D     | Leadville                      |
| La Plata                    | Waters, John W.          | D     | Durango                        |
| Larimer                     | Maxfield, R. A.          | R     | Laporte                        |
| Las Animas                  | Brighton, Kitty          | D     | Trinidad                       |
| Las Animas                  | Lucero, Andres           | D     | Trinidad                       |
| Lincoln-Cheyenne-Kit Carson | Beeler, Charles H.       | R     | Hugo                           |
| Logan-Sedgwick              | McKinstry, Vance         | R     | Sedgwick                       |
| Mesa                        | Aspinall, Wayne N.       | D     | Palisade                       |
| Montezuma-Dolores           | Hallar, Fred C.          | D     | Mancos                         |
| Montrose                    | Coffman, H. B.           | R     | Olathe                         |
| Morgan-Washington           | Plummer, Joe             | D     | Akron                          |
| Ouray                       | Mowatt, Thomas           | D     | Ouray                          |
| Phillips-Yuma               | Colver, Harry L.         | R     | Holyoke                        |
| Pitkin                      | Twining, W. H.           | D     | Aspen                          |
| Pueblo                      | Dameron, Thomas H.       | D     | Pueblo                         |
| Pueblo                      | England, W. J.           | D     | Pueblo                         |
| Pueblo                      | Grenard, G. W.           | D     | Pueblo                         |
| Pueblo                      | Leach, Albert E.         | R     | Pueblo                         |
| Prowers-Baca                | Harris, Fred L.          | R     | Two Buttes                     |
| Rio Grande                  | Fassett, W. H.           | D     | Monte Vista                    |
| Routt-Moffat                | Poppen, A. H.            | D     | Steamboat Springs              |
| Saguache-Custer             | Sutley, M. M.            | D     | Center                         |
| San Juan                    | Holman, Edwin J.         | R     | Silverton                      |
| San Miguel                  | Nelson, W. H.            | R     | Norwood                        |
| Summit-Grand-Jackson        | Murphy, Charles P.       | R     | Spicer                         |
| Teller-Park                 | Carruthers, J. P.        | R     | Garo                           |
| Teller-Park                 | Edwards, Matt            | R     | Victor                         |
| Weld                        | LaFollette, Albert A.    | D     | Greeley                        |
| Weld                        | Smith, Moses E.          | D     | Ault                           |

# REPRESENTATION OF COUNTIES IN THE STATE SENATE BY AREA, POPULATION AND ASSESSED VALUATION

(Based on United States Census for 1930 and State Tax Commission Reports for 1930)

| District             | No. of<br>Senators | Counties   | Area in<br>Sq. Miles | Total<br>Population | Total<br>Assessed<br>Valuation |
|----------------------|--------------------|--|----------------------|---------------------|--------------------------------|
| First -----          | 7                  | Denver -----   | 58                   | 287,861             | \$459,992,853                  |
| Second -----         | 2                  | Pueblo -----   | 2,433                | 66,038              | 83,025,130                     |
| Third -----          | 2                  | El Paso -----  | 2,121                | 49,570              | 75,322,405                     |
| Fourth -----         | 1                  | Las Animas -----   | 4,809                | 36,008              | 41,974,002                     |
| Fifth -----          | 1                  | Boulder -----  | 764                  | 32,456              | 47,414,950                     |
| Sixth -----          | 1                  | Chaffee and Lake -----                                     | 1,454                | 13,025              | 17,345,985                     |
| Seventh -----        | 1                  | Weld -----   | 4,022                | 65,097              | 102,130,907                    |
| Eighth -----         | 1                  | Jefferson -----  | 808                  | 21,810              | 28,644,700                     |
| Ninth -----          | 1                  | Fremont -----  | 1,557                | 18,896              | 22,871,813                     |
| Tenth -----          | 1                  | Larimer -----  | 2,629                | 33,137              | 52,357,595                     |
| Eleventh -----       | 1                  | Gunnison and Delta -----                                   | 4,380                | 19,731              | 30,348,200                     |
| Twelfth -----        | 1                  | Logan, Phillips, Sedgwick,<br>Washington and Yuma -----    | 7,929                | 54,527              | 105,660,018                    |
| Thirteenth -----     | 1                  | Jackson, Moffat, Rio<br>Blanco and Routt -----             | 11,822               | 18,579              | 33,531,329                     |
| Fourteenth -----     | 1                  | Costilla, Custer and<br>Huerfano -----                     | 3,432                | 24,965              | 24,437,936                     |
| Fifteenth -----      | 1                  | Mineral, Rio Grande and<br>Saguache -----                  | 4,897                | 16,843              | 23,388,009                     |
| Sixteenth -----      | 1                  | Mesa -----   | 3,163                | 25,908              | 30,755,510                     |
| Seventeenth -----    | 1                  | Dolores, Montrose and<br>San Miguel -----                  | 4,595                | 15,338              | 18,752,949                     |
| Eighteenth -----     | 1                  | Archuleta, Hinsdale,<br>Ouray and San Juan -----           | 3,163                | 7,372               | 13,704,793                     |
| Nineteenth -----     | 1                  | La Plata and Montezuma -----                               | 3,902                | 20,773              | 21,592,450                     |
| Twentieth -----      | 1                  | Teller and Park -----                                      | 2,789                | 6,193               | 13,734,720                     |
| Twenty-first -----   | 1                  | Eagle, Garfield and Pitkin -----                           | 5,746                | 15,669              | 30,087,021                     |
| Twenty-second -----  | 1                  | Adams, Arapahoe and<br>Morgan -----                        | 3,390                | 61,176              | 83,861,291                     |
| Twenty-third -----   | 1                  | Crowley and Otero -----                                    | 2,067                | 30,324              | 41,862,338                     |
| Twenty-fourth -----  | 1                  | Conejos and Alamosa -----                                  | 1,979                | 18,405              | 19,300,640                     |
| Twenty-fifth -----   | 1                  | Baca, Bent, Kiowa and<br>Prowers -----                     | 7,504                | 38,252              | 62,647,450                     |
| Twenty-sixth -----   | 1                  | Clear Creek, Gilpin,<br>Grand and Summit -----             | 3,037                | 6,462               | 20,009,703                     |
| Twenty-seventh ----- | 1                  | Cheyenne, Douglas, Elbert,<br>Kit Carson and Lincoln ----- | 9,208                | 31,376              | 81,708,206                     |



REPRESENTATION IN THE STATE HOUSE OF REPRESENTATIVES

(Based on United States Census for 1930 and State Tax Commission Reports for 1930)

| Counties in Representative District    | No. of<br>Representatives | Area in<br>Sq. Miles | Total<br>Population | Total<br>Assessed<br>Valuation |
|--|---------------------------|----------------------|---------------------|--------------------------------|
| Denver -----                           | 12                        | 58                   | 287,861             | \$459,992,853                  |
| Pueblo -----                           | 4                         | 2,433                | 66,038              | 83,025,130                     |
| El Paso -----                          | 3                         | 2,121                | 49,570              | 75,322,405                     |
| Weld -----                             | 2                         | 4,022                | 65,097              | 102,130,907                    |
| Larimer -----                          | 1                         | 2,629                | 33,137              | 52,357,595                     |
| Boulder -----                          | 2                         | 764                  | 32,456              | 47,414,950                     |
| Mesa -----                             | 1                         | 3,162                | 25,908              | 30,755,510                     |
| Las Animas -----                       | 2                         | 4,809                | 36,008              | 41,974,002                     |
| Teller and Park -----                  | 2                         | 2,789                | 6,193               | 13,734,720                     |
| Fremont -----                          | 1                         | 1,557                | 18,896              | 22,871,813                     |
| Crowley and Otero -----                | 2                         | 2,067                | 30,324              | 41,862,338                     |
| Jefferson -----                        | 1                         | 808                  | 21,810              | 28,644,700                     |
| Arapahoe and Elbert -----              | 1                         | 2,699                | 29,227              | 40,434,992                     |
| Garfield and Rio Blanco -----          | 1                         | 6,330                | 12,955              | 24,008,570                     |
| Delta -----                            | 1                         | 1,201                | 14,204              | 14,688,795                     |
| Montrose -----                         | 1                         | 2,264                | 11,742              | 12,050,922                     |
| Conejos -----                          | 1                         | 1,252                | 9,803               | 9,205,570                      |
| Alamosa -----                          | 1                         | 727                  | 8,602               | 10,095,070                     |
| Adams -----                            | 1                         | 1,262                | 20,245              | 32,186,300                     |
| Pitkin -----                           | 1                         | 1,019                | 1,770               | 3,816,490                      |
| La Plata -----                         | 1                         | 1,851                | 12,975              | 15,351,155                     |
| Lake -----                             | 1                         | 371                  | 4,899               | 7,487,005                      |
| Rio Grande -----                       | 1                         | 898                  | 9,953               | 11,137,246                     |
| Chaffee -----                          | 1                         | 1,083                | 8,126               | 9,858,980                      |
| Morgan and Washington -----            | 1                         | 3,807                | 27,875              | 43,640,236                     |
| Clear Creek -----                      | 1                         | 390                  | 2,155               | 5,434,895                      |
| Gilpin -----                           | 1                         | 132                  | 1,212               | 3,204,732                      |
| Ouray -----                            | 1                         | 519                  | 1,784               | 4,092,453                      |
| San Juan -----                         | 1                         | 453                  | 1,935               | 3,796,488                      |
| Logan and Sedgwick -----               | 1                         | 2,353                | 25,526              | 49,526,549                     |
| Phillips and Yuma -----                | 1                         | 3,055                | 19,410              | 40,211,995                     |
| Gunnison -----                         | 1                         | 3,179                | 5,527               | 15,659,405                     |
| Saguache and Custer -----              | 1                         | 3,880                | 8,374               | 13,658,899                     |
| Douglas -----                          | 1                         | 845                  | 3,498               | 11,837,705                     |
| Lincoln, Kit Carson and Cheyenne ----- | 1                         | 6,506                | 21,298              | 53,391,738                     |
| Kiowa and Bent -----                   | 1                         | 3,322                | 12,920              | 26,764,640                     |
| Prowers and Baca -----                 | 1                         | 4,182                | 25,332              | 35,882,810                     |
| San Miguel -----                       | 1                         | 1,288                | 2,184               | 4,635,150                      |
| Archuleta, Hinsdale and Mineral -----  | 1                         | 3,057                | 4,293               | 7,483,151                      |
| Moffat and Routt -----                 | 1                         | 6,967                | 14,213              | 24,064,494                     |
| Grand, Jackson and Summit -----        | 1                         | 4,147                | 4,481               | 15,040,816                     |
| Eagle -----                            | 1                         | 1,620                | 3,924               | 8,058,056                      |
| Costilla and Huerfano -----            | 1                         | 2,685                | 22,841              | 21,362,501                     |
| Dolores and Montezuma -----            | 1                         | 3,094                | 9,210               | 8,308,172                      |

AREA, POPULATION AND VALUATION FOR EACH SENATOR AND REPRESENTATIVE  
IN DISTRICTS HAVING MORE THAN ONE SENATOR OR REPRESENTATIVE

(Based on United States Census for 1930 and State Tax Commission Reports for 1930)

| District                | Representation | For Each Senator |        |              | For Each Representative |        |              |
|-------------------------|----------------|------------------|--------|--------------|-------------------------|--------|--------------|
|                         |                | Sq. Mi.          | Pop.   | Valuation    | Sq. Mi.                 | Pop.   | Valuation    |
| Denver -----            | 7 Sen. 12 Rep. | 8.3              | 41,123 | \$65,713,265 | 4.8                     | 23,988 | \$38,332,737 |
| Pueblo -----            | 2 Sen. 4 Rep.  | 1,216            | 33,019 | 41,512,565   | 608                     | 16,510 | 20,756,283   |
| El Paso -----           | 2 Sen. 3 Rep.  | 1,060            | 24,785 | 37,661,203   | 707                     | 16,523 | 25,107,469   |
| Boulder -----           | 2 Rep.         |                  |        |              | 382                     | 16,228 | 23,707,475   |
| Las Animas -----        | 2 Rep.         |                  |        |              | 2,405                   | 18,004 | 20,987,001   |
| Crowley and Otero ----- | 2 Rep.         |                  |        |              | 1,034                   | 15,162 | 20,931,169   |
| Weld -----              | 2 Rep.         |                  |        |              | 2,011                   | 32,549 | 51,065,454   |
| Teller and Park -----   | 2 Rep.         |                  |        |              | 1,394                   | 3,096  | 6,867,360    |

## ELECTED COUNTY OFFICIALS, 1931

| COUNTY      | CLERK               | TREASURER            | ASSESSOR             | SHERIFF               |
|-------------|---------------------|----------------------|----------------------|-----------------------|
| Adams       | Fred O. Pearce      | Ben Shearston        | J. W. Tarlton        | Lee Templeton         |
| Alamosa     | E. B. Cornell       | A. C. Kline          | Olof Bergman         | Tom W. Taylor         |
| Arapahoe    | E. E. Anderson      | Claude Cartwright    | C. E. Watlington     | John M. Haynes        |
| Archuleta   | Philip R. Johnson   | Fred Catchpole       | Kenneth D. Hill      | John H. Lattin        |
| Baca        | Walter P. Powell    | Jesse L. Homer       | V. L. Finch          | Wm. E. Duniwa         |
| Bent        | Bernice Limbach     | William B. Nichols   | J. H. Price          | Dan Gates             |
| Boulder     | Fred W. Burger      | Francis Beckwith     | Aylwin Smith         | Robert V. Blum        |
| Chaffee     | A. W. Samson        | Elizabeth Burke      | Theodore Jacobs      | Lewis Hollenbeck      |
| Cheyenne    | E. H. Akerly        | Jennie E. Ross       | R. A. Martinson      | W. D. Coe             |
| Clear Creek | C. S. Work          | W. E. Walthers       | Edmund Rowse         | Edward Burns          |
| Conejos     | J. G. Lopez         | Miss Ella J. Menke   | Severiano Ortiz      | J. Parley Haynie      |
| Costilla    | J. J. Jaramillo     | Fred Trujillo        | Zacarias Gallegos    | Timothy Martiner      |
| Crowley     | R. R. Franklin      | Paul M. Williams     | A. W. Drescher       | Gomer R. Curtis       |
| Custer      | Willard A. Walker   | L. H. Schoolfield    | Fred W. Stewart      | Mel H. Manning        |
| Delta       | Paul K. Osborne     | C. A. Bowle          | Thos. C. Wand        | C. E. Vanaken         |
| Denver*     |                     |                      |                      |                       |
| Dolores     | E. C. Jordan        | Herald Keown         | M. H. Posey          | John Gage             |
| Douglas     | Arch Curtis         | Fred L. Bean         | Hugh L. Shellabarger | C. H. Lowell          |
| Eagle       | Nettie M. Cave      | Herman A. Stein      | Moulton Chambers     | W. M. Wilson          |
| Elbert      | Loyd L. Moreland    | J. W. Worrall        | Jas. F. Mauldin      | G. R. Brown           |
| El Paso     | C. R. Furrow        | Albert H. Horton     | A. W. Sparkman       | Robert M. Jackson     |
| Fremont     | Bessie McQuown      | Earell E. Kissinger  | Rush W. Irish        | Henry Koerner         |
| Garfield    | Walter J. Frost     | Chas. H. King        | John C. Rigney, Jr.  | George L. Winters     |
| Gilpin      | Clifford I. Parsons | Hugh L. Lawry        | W. O. Ziege          | Oscar Williams        |
| Grand       | R. O. Throckmorton  | W. S. Kennedy        | Simon Olson          | Mark E. Fletcher      |
| Gunnison    | Sam C. Hartman      | B. H. Snyder         | Chas. F. Whinnery    | Ed T. Lindsley        |
| Hinsdale    | Mabel B. Rawson     | Wm. F. Green         | Mrs. Alice Halpin    | Hugh Coburn           |
| Huerfano    | Damacio Vigil       | Charles Haines       | Alex M. Guerrero     | Harry J. Capps        |
| Jackson     | L. F. Mitchell      | Florence A. Wilkins  | Wm. H. Winscom       | John D. Bulis         |
| Jefferson   | M. C. Everett       | S. A. Koenig         | Paul V. Pattridge    | James G. Biggens, Jr. |
| Kiowa       | Ithal Jenkins       | C. W. Coughenour     | W. Harry Bradley     | W. P. Mayne           |
| Kitt Carson | Bessie B. Guthrie   | John S. Boggs        | Leonard I. Dawson    | Hugh Baker            |
| Lake        | John Gregory        | Frank E. Kendrick    | John J. Bohen        | Morgan Walsh          |
| La Plata    | Edith C. Kiel       | Erwin A. Chubb       | Chas. H. Conroy      | Harry T. Ayres        |
| Larimer     | H. D. Hubbell       | C. S. Ickes          | W. L. Soles          | Orville P. Kelley     |
| Las Animas  | Juan B. Romero      | Frank R. Dunlavy     | A. Tom McCarty       | Elijah A. Duling      |
| Lincoln     | Miss Nellie Noble   | Wm. M. Jones         | J. Frank Riordan     | C. G. Zimmerman       |
| Logan       | Edith Kane          | D. B. Delzell        | Robert Swinney       | Ray R. Powell         |
| Mesa        | Denzel L. Yarnell   | W. S. Meek           | Bert L. Logsdon      | Chas. S. Lumley       |
| Mineral     | H. D. Barnhart      | Wm. T. Jackson       | John J. Weaver       | Wm. Orthen            |
| Moffat      | Monte McMahan       | Raymond A. Curtis    | E. V. Haughey        | Tom G. Blevins        |
| Montezuma   | Mabel C. Waldron    | Claude H. Wilson     | J. G. Dunning        | W. W. Dunlar          |
| Montrose    | S. V. Hobaugh       | J. W. Goldsmith      | C. I. Moore          | A. M. McAnally        |
| Morgan      | Loyal C. Baker      | Edw. H. Madison      | Clem S. Lee          | Rufus A. Johnston     |
| Otero       | Carlos M. Wilson    | John N. Lamb         | Roy P. Walton        | A. F. Dobbins         |
| Ouray       | Harold F. Kiesel    | Harry E. Stark       | Patricio Stealey     | Harve E. Israe        |
| Park        | Harry L. Moyer      | Frank H. Stevens     | Harry C. Bishop      | Neal W. Brown         |
| Phillips    | Albert E. Correll   | T. H. Hargreaves     | Roy E. Owens         | Frank A. Berge        |
| Pitkin      | M. M. Neihardt      | Robert S. Killey     | Paul R. Caley        | J. H. Nicholas        |
| Prowers     | Vera Rosenbrough    | Fred Clark           | Jesse Wright         | L. E. Alderman        |
| Pueblo      | William Barber      | Will D. Grisard      | Geo. N. Bright       | Lewis Worke           |
| Rio Blanco  | Claude J. Wilson    | Geo. E. Aicher       | Frank W. Hossack     | J. Sam Gourley        |
| Rio Grande  | D. D. Shakespeare   | Edna L. McGuire      | James S. Rhodus      | A. H. Webster         |
| Routt       | John D. Crawford    | Edward W. Davis      | Clarence Horton      | Fred Foste            |
| Saguache    | John T. Seyfried    | Florence G. Williams | Homer Holland        | Ed Pau                |
| San Juan    | Ida L. Grimes       | R. H. Doud           | A. M. Kimball        | M. H. Dou             |
| San Miguel  | Harold T. Hogan     | Chas. L. Spillman    | M. E. Ballard        | Jerry Heldma          |
| Sedgwick    | Ferne Sheaffer      | E. E. Fellers        | Buford Hargrove      | R. L. Irelan          |
| Summit      | E. C. Peabody       | Geo. Robinson        | Edward T. Stuard     | J. G. Detwile         |
| Teller      | S. L. Cox           | W. D. Tatum          | Henry Fisher         | J. G. Chillo          |
| Washington  | Gertrude E. Palmer  | Ezra Alishouse       | Burel Davis          | Irving Moffi          |
| Weld        | Harley C. Grable    | J. R. Patterson      | Homer E. Bedford     | W. W. Wyat            |
| Yuma        | J. H. Stevenson     | P. T. Edmunds        | B. H. Yount          | C. A. Yate            |

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ELECTED COUNTY OFFICIALS, 1931—Continued

| COUNTY      | COUNTY JUDGE        | CORONER             | SURVEYOR           | SUPERINTENDENT OF SCHOOLS |
|-------------|---------------------|---------------------|--------------------|---------------------------|
| Adams       | F. F. Hunter        | Geo. H. Carr        | Peter O'Brian, Sr. | Bertha L. Baker           |
| Alamosa     | James Hyndman       | R. J. Bruner        | Mark U. Watrous    | Mrs. M. L. Brownell       |
| Arapahoe    | Henry Bruce Teller  | Jay M. Hatfield     | John W. Black      | Minnie O. Davis           |
| Archuleta   | F. A. Byrne         | A. J. Nossaman      | Robt. A. Howe      | Susie J. Ford             |
| Baca        | T. Eldon Allen      | Dr. W. P. Verity    |                    | Clyde Sone                |
| Bent        | George H. Stuntz    | George Powell       | Sydney Flynn       | Loren D. Root             |
| Boulder     | E. J. Ingram        | Albert E. Howe      | George E. Wilson   | Isabella D. Mayhoffer     |
| Chaffee     | Joseph Newitt       | L. B. Stewart       | Howard Sneddon     | Bessie M. Shewalter       |
| Cheyenne    | V. H. Johnson       | A. H. Brentlinger   | D. H. Zuck         | Olive E. McCormish        |
| Clear Creek | C. J. Nicholas      | R. H. Pearce        | C. L. Harrington   | Elia N. Conwell           |
| Conejos     | Culver A. Green     | Earl H. Thomas      | J. F. Thomas       | Mrs. Estella Sowards      |
| Costilla    | J. E. Sanchez       | Levi W. Silhelm     | A. H. Martin       | Eleuto Medina             |
| Crowley     | James E. Downey     | J. E. Jeffery       | J. Logan Tucker    | Nona Broadbent            |
| Custer      | Edward L. Mott      | Chas. A. Menzel     | August Koppe       | Lou C. Beaman             |
| Delta       | Frank M. Goddard    | E. A. Martin        | Horace D. Graham   | Florence C. Weeks         |
| Denver*     |                     |                     |                    |                           |
| Dolores     | G. M. Mullins       | Chas. Engel         | Percy R. Krantz    | Mary E. Livingston        |
| Douglas     | John Anderson       | Geo. L. Carmer      | H. H. Curtis       | Mrs. Eli E. Bennet        |
| Eagle       | Albert K. Ethel     | Dr. N. Dymenberg    | Roy Jordan         | Anna M. Anderson          |
| Elbert      | Frank S. Turner     | C. L. Nelson        | D. M. Sultz        | N. N. Bailey              |
| El Paso     | J. F. Sanford       | Dr. G. B. Gilmore   | R. M. Cannon       | Lucile Dee Horton         |
| Fremont     | Kent L. Eldred      | Kon Wyatt           | L. D. Miller       | Jane L. Powell            |
| Garfield    | J. W. Bell          | Dr. G. A. Hopkins   | W. H. Trumbor      | Grace A. Blair            |
| Gilpin      | Louis J. Carter     | G. L. Hamlik        |                    | Matilda Stroehle          |
| Grand       | J. N. Pettingell    | A. C. Sudan         | F. I. Huntington   | Dorothy Traber            |
| Gunnison    | Sprigg Shackelford  | Alex. Campbell      | J. H. Robinson     | Bertha McLain             |
| Hinsdale    | F. C. French        | L. T. Bean          | B. N. Ramsey       | Mrs. W. J. Ramsey         |
| Huerfano    | W. W. Hammond       | Dr. W. S. Chapman   | Sidney Wilburn     | Martha Thorne             |
| Jackson     | K. J. McCallum      | C. E. Mosman        | J. A. McNamara     | Ethlyn F. Riddle          |
| Jefferson   | Chas. McCall        | William Woods       | H. W. Gardner      | Miriam Brown              |
| Kiowa       | W. M. Ramsdale      | James G. Hopkins    |                    | Alma D. Vrooman           |
| Kit Carson  | Clarence M. Smith   | Orin P. Penny       | Ira B. Rowbotham   | Della Hendricks           |
| Lake        | Thomas Evans        | James J. Corbett    | Fred J. McNair     | Mary A. Clune             |
| La Plata    | C. L. Russell       | O. B. Rensch        | A. L. Kroeger      | Sarah J. Larrabee         |
| Larimer     | John A. Cross       | Charles J. Day      | James H. Andrews   | Mrs. U. S. Williams       |
| Las Animas  | David M. Ralston    | Robert G. Sipe      | Earl T. Lindsay    | W. F. Templin             |
| Lincoln     | P. O. Hedlund       | W. M. Deits         | Chas. E. Musser    | Mrs. J. G. Olesen         |
| Logan       | H. Lawrence Hinkley | D. A. Jackson       | J. E. Youngquist   | Kate Lester               |
| Mesa        | N. C. Miller        | E. A. Krohn         | F. C. Merriell     | Rose Bishop               |
| Mineral     | Clarence Y. Butler  | W. H. Warren        | Don C. LaFont      | Eva Comstock              |
| Moffat      | LeRoy Tucker        | Jay D. Fields       | F. M. Drescher     | J. Berneice Keely         |
| Montezuma   | J. M. Brumley       | Dr. E. E. Johnson   | W. H. Blake        | Myrtle E. Jordan          |
| Montrose    | L. C. Kimkin        | Dr. F. Schermerhorn | J. E. McDaniel     | Lucile Audrear            |
| Morgan      | C. C. Riekle        | L. H. Parker        | A. W. Hill         | Laura N. Burchsted        |
| Otero       | E. C. Glenn         | Carl M. Ustick      | Vincent Guthrie    | A. J. McFarland           |
| Ouray       | R. J. Norpel        | Dr. C. V. Bates     | Geo. R. Hurlburt   | Anna L. Grabow            |
| Park        | J. H. Fisher        | Dr. Frank Dunkle    | Gerald F. Galloway | Margaret Gibson           |
| Phillips    | S. S. Worley        | Harry B. Radford    | C. A. Guernsey     | Edna Youtsey              |
| Pitkin      | Wm. R. Shaw         | Walter Acheson      | D. P. Rohlfing     | Hattie B. Burch           |
| Provers     | J. C. Horn          | C. T. Knuckey       | Geo. H. Russell    | Retta Provers             |
| Pueblo      | Frank G. Mirick     | Dr. C. N. Caldwell  | Chas. A. Reese     | Lillie O. Baker           |
| Rio Blanco  | John E. Wix         | J. L. Tagert        | M. D. Hopkins      | Nell M. Cunningham        |
| Rio Grande  | M. T. Hancock       | George Nicoll       | Glenn O. Cochran   | Nina M. Weiss             |
| Routt       | John M. Childress   | A. W. Heyer         | Stanley Dismuke    | Pearl A. Funk             |
| Saguache    | M. N. Jordan        | Dr. S. E. Kortright | S. Oscar Proffitt  | Mrs. Lulu Marold          |
| San Juan    | Wm. Palmquist       | W. E. Maguire       | O. H. Metzger      | Anna C. Bell              |
| San Miguel  | H. E. Dill          | M. M. Blair         | B. W. Purdy        | Minton S. Donegan         |
| Sedgwick    | J. F. Lunsford      | G. H. Austin        | Chas. M. Slusser   | Elizabeth K. Zorn         |
| Summit      | F. S. Phillips      |                     | James D. Galloway  | Mary S. Hallen            |
| Teller      | Wm. Mellen          | Florence Craven     | Henry Nelson       | Mrs. L. S. Davis          |
| Washington  | W. M. Potter        | Walter T. Gough     | M. F. Vance        | Mary M. Young             |
| Weld        | George H. VanHorn   | Dr. J. A. Weaver    | L. L. Stimson      | F. A. Ogle                |
| Yuma        | I. L. Barker        | Jas. M. Knowles     | D. O. Crum         | A. E. Stevenson           |

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## COUNTY COMMISSIONERS, 1931

- Adams—H. L. Prather, George S. Kemp, R. S. McInfosh.
- Alamosa—R. E. Sellers, Chas. Spelser, Herman Emperius.
- Arapahoe—O. C. Hoffman, C. O. Sevier, W. W. Hanson.
- Archuleta—Louis Montoy, David Hersch, W. Zabuskie.
- Baca—J. C. Lent, H. C. Kett, F. H. Schnauffer.
- Bent—Stanley Lee, F. A. Froman, Prowers Hudnall.
- Boulder—E. B. Hill, Sanford D. Buster, Wm. Mitchell.
- Chaffee—H. Lovel Johnson, P. J. Schlosser, Myron Beswick.
- Cheyenne—Chas. E. Collins, F. H. Hadley, W. A. Baber.
- Clear Creek—Geo. H. Curnow, Chas. F. Lawson, Joseph Cottingham.
- Conejos—J. E. Braiden, J. B. Velasquez, Ben. F. Espinoza.
- Costilla—S. M. Pacheco, J. M. Pinney, Henry Markwell.
- Crowley—J. G. Boget, Chas. Roth, F. D. Taylor.
- Custer—A. H. Johnston, Chas. J. Donahoe, Ernest H. Georges.
- Delta—Manford Gallup, Geo. S. Roller, W. F. McMurray.
- Denver—Walter B. Lowry, H. E. Shannon and William E. McGlone.
- Dolores—S. M. Conn, J. E. Evans, R. W. Prout.
- Douglas—A. E. Falling, L. R. Higby, X. J. Baldauf.
- Eagle—Gulling Offerson, Wayne T. Jones, Alfred M. Sloss.
- Elbert—I. W. Northrup, R. E. Carver, J. W. Dennes.
- El Paso—W. H. Bartell, W. F. Starsmore, David B. Campbell.
- Fremont—John B. Bald, D. N. Cooper, Wm. H. Smith.
- Garfield—J. L. Heuschkel, Otto Hahnewald, Lynn Kennedy.
- Gilpin—John Hancock, W. T. Sterling, A. M. Fairchild.
- Grand—Frank Stafford, Geo. Goranson, Glenn Sheriff.
- Gunnison—Frank Comstock, R. A. Little, W. H. Whalen.
- Hinsdale—John R. Liska, W. O. Baker, B. F. Cummings.
- Huerfano—Allen J. Roush, Fred A. Diez, George S. Niebuhr.
- Jackson—T. John Payne, Wm. L. Doner, Harry Green.
- Jefferson—John R. Browne, W. G. Duval, Gus A. Johnson.
- Kiowa—P. O. Meyer, A. F. Wenger, J. O. Walker.
- Kit Carson—R. A. Bowers, J. O. Hendricks, John F. Lueken.
- Lake—Charles E. Slavin, Pat McCarthy, John F. McGuire.
- La Plata—W. I. Gifford, W. E. Tyner, Fred Pierce.
- Larimer—A. L. Johnson, J. W. McMullin, Henri McClelland.
- Las Animas—I. B. Rogers, Frank Patterson, Mauro Cordova.
- Lincoln—James D. Peyton, Dan Newberry, Henry Hoepner.
- Logan—J. N. Hamil, C. M. Morris, S. A. Richerson.
- Mesa—Thomas McKelvie, E. T. Mathews, H. O. Lambeth.
- Mineral—C. O. Withrow, W. C. Sloan, John G. Dahney.
- Moffat—Roy Templeton, C. M. Downs, Thos. S. Iles.
- Montezuma—S. C. Engelhart, George W. Menefee, E. S. Porter.
- Montrose—C. C. Sheats, John Howell, H. P. Steel.
- Morgan—O. B. Schooley, I. G. Aker, Geo. Glenn.
- Otero—Irving F. Haines, John W. Beaty, R. P. Lewis.
- Ouray—E. C. Fisher, Harry Gavin, J. W. Donald.
- Park—Hollis R. Mills, Arch W. Head, John D. Buyer.
- Phillips—R. Claymon, S. J. Meakins, John Sandquist.
- Pitkin—G. B. Brown, Louis Vagneur, John R. Williams.
- Prowers—L. M. Appel, H. H. Hunter, M. J. McMillin.
- Pueblo—W. L. Rees, P. G. Kay, J. W. Goss.
- Rio Blanco—R. C. Russell, Wm. D. Simms, Fred A. Nichols.
- Rio Grande—Louie Eickenrodt, O. A. Lindstrom, H. J. Gilbreath.
- Routt—Wm. Scheer, Wm. H. Kleckner, Stanley Larson.
- Saguache—J. W. Alexander, E. E. Wilson, W. E. Gardner.
- San Juan—Phil Santy, John Glanville, Norman Bawden.
- San Miguel—M. L. Anderson, Horace Joseph, Edgar C. Haskill.
- Sedgwick—Oscar Francon, W. T. Johnson, R. L. Franklin.
- Summit—Andrew Lindstrom, B. F. Rich, Chas. W. Bradley.
- Teller—Alf Coulson, S. M. Pinion, H. L. Potts.
- Washington—A. Mitchell, J. R. Shirley, V. E. Beck.
- Weld—S. K. Clark, Wm. A. Carlson, Jas. S. Ogilvie.
- Yuma—W. L. Hadlock, Byron Taylor, Harry M. McKinney.

COLORADO'S VOTE BY YEARS FOR PRESIDENT AND GOVERNOR

| Year  | President  |          | Governor   |          |
|-------|------------|----------|------------|----------|
|       | Republican | Democrat | Republican | Democrat |
| 1876  | .....      | .....    | 13,316     | 14,154   |
| 1878  | .....      | .....    | 14,396     | 11,573   |
| 1880  | 27,450     | 24,647   | .....      | .....    |
| 1882  | .....      | .....    | 27,552     | 29,897   |
| 1884  | 36,290     | 27,723   | 30,471     | 27,420   |
| 1886  | .....      | .....    | 26,533     | 28,129   |
| 1888  | 50,774     | 37,567   | .....      | .....    |
| 1890  | .....      | .....    | .....      | .....    |
| 1892  | 38,620     | *53,584  | 38,806     | 8,944    |
| 1894  | .....      | .....    | 93,502     | 8,337    |
| 1896  | 26,279     | 161,269  | 71,816     | 87,387   |
| 1898  | .....      | .....    | 50,880     | 92,274   |
| 1900  | 93,039     | 122,733  | 93,245     | 121,995  |
| 1902  | .....      | .....    | 87,512     | 80,217   |
| 1904  | 134,687    | 100,105  | 113,499    | 124,617  |
| 1906  | .....      | .....    | 92,646     | 74,512   |
| 1908  | 123,700    | 126,644  | 118,953    | 130,141  |
| 1910  | .....      | .....    | 97,648     | 115,627  |
| 1912† | 58,386     | 114,232  | 63,061     | 114,044  |
| 1914† | .....      | .....    | 129,096    | 95,640   |
| 1916§ | 102,308    | 178,816  | 117,723    | 151,962  |
| 1918  | .....      | .....    | 112,693    | 102,397  |
| 1920  | 173,298    | 104,936  | 174,488    | 108,738  |
| 1922  | .....      | .....    | 134,353    | 138,098  |
| 1924¶ | 193,956    | 75,238   | 177,298    | 150,229  |
| 1926  | .....      | .....    | 116,756    | 183,342  |
| 1928  | 253,872    | 133,131  | 144,167    | 240,160  |
| 1930  | .....      | .....    | 124,157    | 197,067  |

\* People's party.

† Progressive party vote was 72,306 for president and 66,132 for governor. Socialist 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.

|| 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.

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.

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 will use 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.

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.

## ELECTION RETURNS BY COUNTIES FOR PRESIDENT

| COUNTY            | 1920            |             | 1924             |               |                         | 1928           |               |
|-------------------|-----------------|-------------|------------------|---------------|-------------------------|----------------|---------------|
|                   | Harding<br>Rep. | Cox<br>Dem. | Coolidge<br>Rep. | Davis<br>Dem. | La<br>Follette<br>Prog. | Hoover<br>Rep. | Smith<br>Dem. |
| Adams .....       | 2,538           | 1,617       | 2,955            | 1,209         | 893                     | 4,031          | 2,265         |
| Alamosa .....     | 1,090           | 953         | 1,012            | 625           | 812                     | 1,759          | 1,239         |
| Arapahoe .....    | 2,805           | 1,697       | 4,222            | 1,209         | 997                     | 6,086          | 2,463         |
| Archuleta .....   | 704             | 390         | 453              | 269           | 291                     | 610            | 447           |
| Baca .....        | 1,594           | 107         | 1,125            | 653           | 559                     | 2,108          | 524           |
| Bent .....        | 1,528           | 905         | 1,475            | 804           | 417                     | 1,957          | 741           |
| Boulder .....     | 6,483           | 4,226       | 7,614            | 3,273         | 1,839                   | 9,457          | 4,363         |
| Chaffee .....     | 1,527           | 1,244       | 1,322            | 612           | 1,017                   | 1,880          | 1,230         |
| Cheyenne .....    | 820             | 359         | 837              | 236           | 399                     | 945            | 500           |
| Clear Creek ..... | 771             | 517         | 726              | 284           | 80                      | 790            | 481           |
| Conejos .....     | 1,587           | 892         | 1,463            | 995           | 137                     | 1,463          | 1,692         |
| Costilla .....    | 780             | 787         | 744              | 665           | 92                      | 657            | 1,070         |
| Crowley .....     | 1,345           | 769         | 1,079            | 667           | 324                     | 1,243          | 635           |
| Custer .....      | 540             | 290         | 415              | 281           | 221                     | 600            | 389           |
| Delta .....       | 2,557           | 1,725       | 2,689            | 1,345         | 781                     | 3,731          | 1,672         |
| Denver .....      | 42,742          | 21,551      | 59,047           | 15,764        | 13,054                  | 73,543         | 41,238        |
| Dolores .....     | 192             | 154         | 100              | 157           | 169                     | 387            | 278           |
| Douglas .....     | 958             | 561         | 869              | 383           | 248                     | 1,107          | 603           |
| Eagle .....       | 854             | 667         | 680              | 431           | 414                     | 1,014          | 570           |
| Elbert .....      | 1,639           | 687         | 1,396            | 506           | 539                     | 1,933          | 738           |
| El Paso .....     | 9,426           | 5,112       | 9,965            | 4,140         | 3,636                   | 16,243         | 5,069         |
| Fremont .....     | 2,952           | 2,259       | 4,422            | 1,560         | 1,135                   | 5,365          | 2,352         |
| Garfield .....    | 1,914           | 1,472       | 1,927            | 917           | 808                     | 2,435          | 1,562         |
| Gilpin .....      | 420             | 194         | 361              | 161           | 124                     | 299            | 236           |
| Grand .....       | 660             | 562         | 658              | 308           | 239                     | 770            | 451           |
| Gunnison .....    | 1,060           | 1,024       | 1,125            | 598           | 744                     | 1,456          | 1,135         |
| Hinsdale .....    | 146             | 64          | 133              | 79            | 53                      | 128            | 106           |
| Huerfano .....    | 2,590           | 2,298       | 2,802            | 1,219         | 1,570                   | 3,260          | 3,343         |
| Jackson .....     | 388             | 120         | 385              | 111           | 72                      | 401            | 249           |
| Jefferson .....   | 3,632           | 1,983       | 4,861            | 1,271         | 1,312                   | 6,754          | 2,880         |
| Kiowa .....       | 839             | 515         | 781              | 431           | 430                     | 1,024          | 458           |
| Kit Carson .....  | 1,857           | 803         | 2,030            | 720           | 574                     | 2,486          | 1,137         |
| Lake .....        | 1,295           | 950         | 1,024            | 613           | 510                     | 990            | 1,449         |
| La Plata .....    | 1,687           | 1,458       | 1,474            | 1,516         | 930                     | 2,837          | 1,872         |
| Larimer .....     | 5,633           | 2,709       | 6,486            | 1,970         | 533                     | 8,213          | 3,203         |
| Las Animas .....  | 4,757           | 4,217       | 5,721            | 2,758         | 2,936                   | 5,367          | 6,459         |
| Lincoln .....     | 1,828           | 983         | 1,647            | 634           | 384                     | 2,110          | 888           |
| Logan .....       | 3,150           | 1,916       | 2,898            | 946           | 1,315                   | 4,377          | 1,620         |
| Mesa .....        | 3,642           | 3,154       | 4,053            | 2,388         | 2,291                   | 6,446          | 3,223         |
| Mineral .....     | 184             | 147         | 150              | 101           | 70                      | 144            | 187           |
| Moffat .....      | 1,287           | 597         | 1,012            | 647           | 151                     | 1,346          | 710           |
| Montezuma .....   | 946             | 755         | 686              | 721           | 557                     | 1,341          | 772           |
| Montrose .....    | 2,197           | 1,500       | 2,071            | 1,239         | 1,106                   | 2,873          | 1,297         |
| Morgan .....      | 2,920           | 1,121       | 3,267            | 757           | 370                     | 4,197          | 1,242         |
| Otero .....       | 2,733           | 2,700       | 4,624            | 1,938         | 1,106                   | 5,788          | 1,876         |
| Ouray .....       | 706             | 443         | 496              | 256           | 307                     | 535            | 479           |
| Park .....        | 504             | 328         | 645              | 316           | 158                     | 740            | 419           |
| Phillips .....    | 1,175           | 468         | 1,058            | 397           | 635                     | 1,440          | 705           |
| Pitkin .....      | 474             | 407         | 437              | 204           | 121                     | 485            | 454           |
| Prowers .....     | 2,659           | 1,247       | 2,566            | 1,042         | 505                     | 3,228          | 1,216         |
| Pueblo .....      | 9,687           | 7,921       | 10,609           | 4,917         | 3,460                   | 15,541         | 7,881         |
| Rio Blanco .....  | 777             | 456         | 741              | 407           | 64                      | 860            | 429           |
| Rio Grande .....  | 1,696           | 996         | 1,588            | 922           | 391                     | 2,254          | 1,226         |
| Routt .....       | 1,878           | 1,244       | 1,824            | 1,116         | 229                     | 2,304          | 1,645         |
| Saguache .....    | 1,179           | 733         | 1,211            | 591           | 234                     | 1,491          | 854           |
| San Juan .....    | 332             | 291         | 215              | 206           | 55                      | 277            | 436           |
| San Miguel .....  | 925             | 685         | 673              | 567           | 251                     | 721            | 554           |
| Sedgwick .....    | 834             | 385         | 799              | 372           | 297                     | 1,247          | 580           |
| Summit .....      | 400             | 389         | 343              | 241           | 124                     | 362            | 306           |
| Teller .....      | 1,562           | 1,047       | 1,262            | 592           | 616                     | 1,184          | 1,037         |
| Washington .....  | 2,099           | 1,066       | 1,771            | 720           | 681                     | 2,132          | 851           |
| Weld .....        | 10,347          | 5,226       | 10,211           | 3,406         | 2,169                   | 13,719         | 5,762         |
| Yuma .....        | 2,673           | 1,278       | 2,721            | 865           | 832                     | 3,401          | 1,383         |
| Total .....       | 171,104         | 103,321     | 193,956          | 75,238        | 57,368                  | 253,872        | 133,131       |



## Bank Statistics

THERE were 257 active banks located in Colorado on December 31, 1930. These included all institutions operating under federal and state charters. The combined assets of these banks at the close of 1930 amounted to \$379,998,686 and their deposits aggregated \$309,991,117. A table published herewith shows the number of banks, loans and discounts, deposits and assets at the close of each calendar year beginning with 1916. The figures indicate the expansion of

business during the war period, the post-war adjustment and the recovery in more recent years. Another accompanying table shows loans and discounts, deposits and total assets of banks by counties as of December 31, 1930, with comparative figures for 1929. A third table gives the bank clearings in the principal cities by years and a fourth contains a list of all banks in the state by counties and the cities and towns in which they are located.

### COLORADO BANK STATISTICS

(As of December 31 of the Year Named)

| 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          | 219,304,410         | 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          | 183,994,720         | 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    | 357,265,623   |
| 1930 ..... | 257          | 147,521,449         | 309,991,117    | 379,998,686   |

\*Data not available.

### BANK CLEARINGS OF PRINCIPAL CITIES

| Year | Denver          | Pueblo       | Colorado Springs |
|------|-----------------|--------------|------------------|
| 1920 | \$1,968,274,696 | \$52,079,068 | \$62,282,893     |
| 1921 | 1,527,547,229   | 41,480,801   | 50,096,140       |
| 1922 | 1,551,636,800   | 40,394,514   | 53,841,091       |
| 1923 | 1,655,870,320   | 44,549,719   | 61,091,662       |
| 1924 | 1,611,163,932   | 50,384,169   | 56,755,109       |
| 1925 | 1,732,799,082   | 59,266,536   | 63,681,224       |
| 1926 | 1,688,644,834   | 63,275,607   | 61,751,001       |
| 1927 | 1,732,674,525   | 69,302,494   | 64,167,039       |
| 1928 | 1,863,582,872   | 76,582,861   | 70,177,442       |
| 1929 | 2,027,274,024   | 90,395,740   | 71,753,636       |
| 1930 | 1,694,207,214   | 79,301,192   | 61,740,665       |

## Colorado Banks

(As of January 1, 1931)

### Adams County

|                     |          |
|---------------------|----------|
| First National Bank | Aurora   |
| Bennett State Bank  | Bennett  |
| American State Bank | Brighton |
| First National Bank | Brighton |

### Alamosa County

|                             |         |
|-----------------------------|---------|
| Alamosa National Bank       | Alamosa |
| American National Bank      | Alamosa |
| First State Bank of Alamosa | Alamosa |
| Hooper State Bank           | Hooper  |

### Arapahoe County

|                         |           |
|-------------------------|-----------|
| Byers State Bank        | Byers     |
| First National Bank     | Deertrail |
| First National Bank     | Englewood |
| Englewood State Bank    | Englewood |
| First National Bank     | Littleton |
| Littleton National Bank | Littleton |
| First National Bank     | Strasburg |

### Archuleta County

|                                 |                |
|---------------------------------|----------------|
| Citizens Bank of Pagosa Springs | Pagosa Springs |
|---------------------------------|----------------|

### Baca County

|                     |             |
|---------------------|-------------|
| First State Bank    | Pritchett   |
| 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

|                                |            |
|--------------------------------|------------|
| Boulder National Bank          | Boulder    |
| Citizens National Bank         | Boulder    |
| First National Bank            | Boulder    |
| Mercantile Bank & Trust Co.    | Boulder    |
| National State Bank            | Boulder    |
| Broomfield State Bank          | Broomfield |
| First National Bank            | Lafayette  |
| First National Bank            | Longmont   |
| Colorado Bank & Trust Co.      | Longmont   |
| Longmont National Bank         | Longmont   |
| First State Bank of Louisville | Louisville |
| State Bank of Lyons            | Lyons      |
| Niwot State Bank               | Niwot      |

### Chaffee County

|                          |             |
|--------------------------|-------------|
| First National Bank      | Buena Vista |
| First National Bank      | Salida      |
| Commercial National Bank | Salida      |

### Cheyenne County

|                            |                |
|----------------------------|----------------|
| Cheyenne County State Bank | Cheyenne Wells |
| Kit Carson State Bank      | Kit Carson     |

### Clear Creek County

|                       |               |
|-----------------------|---------------|
| Bank of Georgetown    | Georgetown    |
| Bank of Idaho Springs | Idaho Springs |
| First National Bank   | Idaho Springs |

### Conejos County

|                       |          |
|-----------------------|----------|
| Commercial State Bank | Antonito |
| First National Bank   | La Jara  |
| Colonial State Bank   | Manassa  |

### Costilla County

|                     |          |
|---------------------|----------|
| Blanca State Bank   | Blanca   |
| San Luis State Bank | San Luis |

### Crowley County

|                          |               |
|--------------------------|---------------|
| Crowley State Bank       | Crowley       |
| First National Bank      | Ordway        |
| Ordway State Bank        | Ordway        |
| Olney Springs State Bank | Olney Springs |
| State Bank of Sugar City | Sugar City    |

### Custer County

|                       |            |
|-----------------------|------------|
| Westcliffe State Bank | Westcliffe |
|-----------------------|------------|

### Delta County

|                           |           |
|---------------------------|-----------|
| First National Bank       | Cedaredge |
| Crawford State Bank       | Crawford  |
| Colorado Bank & Trust Co. | Delta     |
| First State Bank          | Hotchkiss |
| First National Bank       | Paonia    |
| Fruit Exchange 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 |
| Guardian Trust Co.               | Denver |
| International Trust Co.          | Denver |
| Motor Bank                       | Denver |
| National City Bank               | Denver |
| Stockyards National Bank         | Denver |
| South Denver Bank                | Denver |
| United States National Bank      | Denver |

### Dolores County

No Banks.

### Douglas County

|                        |             |
|------------------------|-------------|
| Castle Rock State Bank | Castle Rock |
| First National Bank    | Castle Rock |
| Douglas County Bank    | Parker      |

### Eagle County

|                     |       |
|---------------------|-------|
| First National Bank | Eagle |
|---------------------|-------|

### Elbert County

|                          |           |
|--------------------------|-----------|
| Agate State Bank         | Agate     |
| Elbert County State Bank | Elbert    |
| Elizabeth State Bank     | Elizabeth |
| Kiowa State Bank         | Kiowa     |
| Stockgrowers State Bank  | Kiowa     |
| Simla State Bank         | Simla     |

### El Paso County

|                                |                  |
|--------------------------------|------------------|
| First State Bank of Calhan     | Calhan           |
| City National Bank             | Colorado Springs |
| Colorado Savings Bank          | Colorado Springs |
| Colorado Springs National Bank | Colorado Springs |
| Colorado Title & Trust Co.     | Colorado Springs |
| Exchange National Bank         | Colorado Springs |
| First National Bank            | Colorado Springs |
| State Savings Bank             | Colorado Springs |
| Bank of Manitou                | Manitou          |
| Farmers State Bank             | Peyton           |
| State Bank of Ramah            | Ramah            |

### Fremont County

|                              |            |
|------------------------------|------------|
| Colorado State Bank          | Canon City |
| First National Bank          | Canon City |
| Fremont County National Bank | Canon City |
| First National Bank          | Florence   |

### Garfield County

|                            |                  |
|----------------------------|------------------|
| First National Bank        | Carbondale       |
| Citizens National Bank     | Glenwood Springs |
| First National Bank        | Glenwood Springs |
| Garfield County State Bank | Grand Valley     |
| New Castle State Bank      | New Castle       |
| First State Bank           | Silt             |

### Gilpin County

|                     |              |
|---------------------|--------------|
| First National Bank | Central City |
|---------------------|--------------|

### Grand County

|                                     |                     |
|-------------------------------------|---------------------|
| First State Bank of Sulphur Springs | Hot Sulphur Springs |
| Bank of Kremmling                   | Kremmling           |

**Gunnison County**

Bank of Crested Butte.....Crested Butte  
First National Bank.....Gunnison  
Gunnison Bank & Trust Co.....Gunnison

**Hinsdale County**

No Banks.

**Huerfano County**

First National Bank.....La Veta  
First National Bank.....Walsenburg  
Guaranty State Bank.....Walsenburg

**Jackson County**

No banks.

**Jefferson County**

First National Bank.....Arvada  
Rubey National Bank.....Golden

**Kiowa County**

First National Bank.....Eads  
Eads State Bank.....Eads  
Peoples State Bank of Towner.....Towner

**Kit Carson County**

Bethune State Bank.....Bethune  
Stockgrowers State Bank.....Burlington  
First National Bank.....Flagler  
Seibert State Bank.....Seibert  
First National Bank.....Stratton

**Lake County**

Carbonate American Nat'l Bank.....Leadville

**La Plata County**

Burns National Bank.....Durango  
Durango Trust Company.....Durango  
First National Bank.....Durango  
Ignacio State Bank.....Ignacio

**Larimer County**

Berthoud National Bank.....Berthoud  
Estes Park Bank.....Estes Park  
First National Bank.....Ft. Collins  
Fort Collins National Bank.....Ft. Collins  
Poudre Valley National Bank.....Ft. Collins  
Larimer Co. Bank & Trust Co.....Loveland  
First National Bank.....Loveland  
First National Bank.....Wellington

**Las Animas County**

Commercial Savings Bank.....Trinidad  
First National Bank.....Trinidad  
Trinidad National Bank.....Trinidad

**Lincoln County**

First National Bank.....Hugo  
First National Bank.....Limon  
Limon National Bank.....Limon

**Logan County**

First State Bank.....Crook  
First National Bank.....Fleming  
Iliff State Bank.....Iliff  
Merino State Bank.....Merino  
First National Bank.....Peeetz  
Commercial Savings Bank.....Sterling  
First State Bank.....Sterling  
Security State Bank.....Sterling

**Mesa County**

Stockman's Bank.....Collbran  
Bank of DeBeque.....DeBeque  
First National Bank.....Fruita  
Grand Valley National Bank.....Grand Junction  
United States Bank.....Grand Junction  
Palisades National Bank.....Palisades

**Mineral County**

No Banks.

**Moffat County**

Craig National Bank.....Craig  
First National Bank.....Craig

**Montezuma County**

Montezuma Valley National Bank.....Cortez  
J. J. Harris & Company, Bankers.....Dolores  
First National Bank.....Mancos

**Montrose County**

First National Bank.....Montrose  
Montrose National Bank.....Montrose  
First National Bank.....Olathe

**Morgan County**

Farmers State Bank.....Brush  
First National Bank.....Brush  
Farmers State Bank.....Ft. Morgan  
First National Bank.....Ft. Morgan  
Peoples State Bank.....Ft. Morgan  
First State Bank of Hillrose.....Hillrose  
First State Bank.....Wiggins  
Weldon Valley State Bank.....Weldona

**Otero County**

Fowler State Bank.....Fowler  
First National Bank.....Fowler  
Colorado Savings & Trust Co.....La Junta  
First National Bank.....La Junta  
La Junta State Bank.....La Junta  
J. N. Beatty & Company, Bankers.....Manzanola  
Rocky Ford National Bank.....Rocky Ford  
First State Bank of Swink.....Swink

**Ouray County**

Citizens State Bank.....Ouray  
Bank of Ridgway.....Ridgway

**Park County**

Bank of Alma.....Alma  
Bank of Fairplay.....Fairplay

**Phillips County**

Farmers State Bank.....Haxtun  
Haxtun State Bank.....Haxtun  
Citizens State Bank.....Holyoke  
First National Bank.....Holyoke  
Phillips County State Bank.....Holyoke  
Paoli State Bank.....Paoli

**Pitkin County**

Aspen State Bank.....Aspen

**Prowers County**

American State Bank.....Granada  
Hartman State Bank.....Hartman  
First National Bank.....Holly  
First National Bank.....Lamar  
Lamar National Bank.....Lamar  
Valley State Bank.....Lamar  
Bank of Wiley.....Wiley

**Pueblo County**

First National Bank.....Pueblo  
Minnequa Bank of Pueblo.....Pueblo  
Pueblo Savings Bank & Trust Co.....Pueblo  
Southern Colorado Bank.....Pueblo  
Western National Bank.....Pueblo  
Bank of Rye.....Rye

**Rio Blanco County**

First National Bank.....Meeker  
First State Bank.....Meeker

**Rio Grande County**

Bank of Del Norte.....Del Norte  
Rio Grande State Bank.....Del Norte  
First National Bank.....Monte Vista  
Monte Vista Bank & Trust Co.....Monte Vista  
The Wallace State Bank.....Monte Vista

**Routt County**

Yampa Valley Bank.....Hayden  
Oak Creek State Bank.....Oak Creek  
Bank of Steamboat Springs.....Steamboat Springs  
First National Bank.....Steamboat Springs

**Saguache County**

First National Bank.....Center  
Peoples State Bank.....Center  
Saguache County National Bank.....Saguache



**San Juan County**

First National Bank.....Silverton

**San Miguel County**

No banks.

**Sedgwick County**

First National Bank.....Julesburg

State Bank of Ovid.....Ovid

First National Bank.....Sedgwick

**Summit County**

Engle Brothers Exchange Bank.....Breckenridge

**Teller County**

First National Bank.....Cripple Creek

**Washington County**

Citizens National Bank.....Akron

Farmers State Bank.....Cope

First National Bank.....Otis

**Weld County**

Farmers National Bank.....Ault

Briggsdale State Bank.....Briggsdale

Eaton National Bank.....Eaton

First National Bank.....Eaton

Erie Bank.....Erie

Fort Lupton State Bank.....Fort Lupton

Platte Valley State Bank.....Fort Lupton

First National Bank.....Greeley

Greeley Union National Bank.....Greeley

Weld County Savings Bank.....Greeley

Hereford State Bank.....Hereford

First State Bank of Hudson.....Hudson

First National Bank.....Johnstown

First State Bank.....Keenesburg

First State Bank.....Nunn

Platteville National Bank.....Platteville

Roggen State Bank.....Roggen

Farmers Bank of Severance.....Severance

First National Bank.....Windsor

**Yuma County**

Eckley State Bank.....Eckley

First State Bank.....Idalia

First State Bank.....Kirk

Laird State Bank.....Laird

Vernon State Bank.....Vernon

First National Bank.....Wray

National Bank.....Wray

Farmers State Bank.....Yuma

First National Bank.....Yuma

Union State Bank.....Yuma

**STATE FLAG**

The eighteenth general assembly of the Colorado legislature enacted a measure creating a state flag for the state of Colorado. This act was filed with the secretary of state on June 5, 1911, and became a law without being signed by the governor. 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 cir-

cular 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 flag was designed by A. C. Carlson, at one time manager of a Denver theater. 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.

**STATE SEAL AND MOTTO**

The 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.

COLORADO BANK STATISTICS

| COUNTY           | December 31, 1929   |               | December 31, 1930   |               |               |
|------------------|---------------------|---------------|---------------------|---------------|---------------|
|                  | Loans and Discounts | Deposits      | Loans and Discounts | Deposits      | Total Assets  |
| Adams.....       | \$ 1,354,642        | \$ 2,036,562  | \$ 828,894          | \$ 1,289,601  | \$ 1,563,969  |
| Alamosa.....     | 996,248             | 2,002,726     | 1,028,186           | 1,868,373     | 2,271,682     |
| Arapahoe.....    | 1,153,953           | 2,207,770     | 1,010,962           | 2,059,392     | 2,566,211     |
| Archuleta.....   | 151,939             | 273,652       | 145,050             | 201,952       | 347,002       |
| Baca.....        | 650,253             | 1,210,680     | 574,696             | 731,827       | 1,132,463     |
| Bent.....        | 937,714             | 1,201,557     | 837,265             | 1,059,934     | 1,763,494     |
| Boulder.....     | 4,682,757           | 7,801,924     | 4,136,114           | 7,464,121     | 9,853,363     |
| Chaffee.....     | 615,091             | 2,053,919     | 587,097             | 1,858,309     | 2,210,239     |
| Cheyenne.....    | 285,536             | 293,646       | 302,954             | 267,744       | 570,698       |
| Clear Creek..... | 311,394             | 516,668       | 288,724             | 447,961       | 722,662       |
| Conejos.....     | 380,292             | 702,676       | 378,175             | 660,669       | 914,164       |
| Costilla.....    | 139,106             | 209,249       | 137,293             | 199,705       | 336,998       |
| Crowley.....     | 388,154             | 734,130       | 364,202             | 649,849       | 966,205       |
| Custer.....      | 156,582             | 243,580       | 147,423             | 233,794       | 381,218       |
| Delta.....       | 1,389,665           | 2,363,649     | 1,338,202           | 1,906,945     | 3,187,793     |
| Denver.....      | 87,490,180          | 157,830,389   | 70,664,014          | 168,315,061   | 193,151,783   |
| Dolores.....     | .....               | .....         | .....               | .....         | .....         |
| Douglas.....     | 430,186             | 591,224       | 421,575             | 540,829       | 729,696       |
| Eagle.....       | 241,423             | 514,112       | 240,162             | 458,621       | 522,563       |
| Elbert.....      | 639,602             | 940,814       | 639,384             | 923,832       | 1,563,216     |
| El Paso.....     | 12,318,465          | 20,082,107    | 11,739,505          | 19,724,721    | 25,511,834    |
| Fremont.....     | 2,024,577           | 4,867,859     | 1,567,702           | 4,258,467     | 4,811,830     |
| Garfield.....    | 1,875,737           | 3,038,433     | 1,749,993           | 2,726,973     | 3,356,423     |
| Gilpin.....      | 18,168              | 286,422       | 20,441              | 253,217       | 315,428       |
| Grand.....       | 197,498             | 456,344       | 209,260             | 440,783       | 650,043       |
| Gunnison.....    | 660,991             | 1,805,583     | 739,791             | 1,648,599     | 2,258,035     |
| Hinsdale.....    | .....               | .....         | .....               | .....         | .....         |
| Huerfano.....    | 1,206,002           | 2,688,367     | 1,068,697           | 2,553,099     | 3,045,760     |
| Jackson.....     | .....               | .....         | .....               | .....         | .....         |
| Jefferson.....   | 527,952             | 1,363,213     | 545,510             | 1,372,288     | 1,580,553     |
| Kiowa.....       | 307,201             | 472,867       | 317,638             | 378,770       | 624,661       |
| Kit Carson.....  | 788,798             | 999,305       | 747,429             | 910,899       | 1,477,229     |
| Lake.....        | 214,179             | 1,286,616     | 130,838             | 1,173,796     | 1,306,655     |
| La Plata.....    | 1,624,919           | 3,114,035     | 1,214,207           | 2,586,251     | 3,309,005     |
| Larimer.....     | 5,390,575           | 6,996,889     | 4,300,810           | 6,215,512     | 8,299,535     |
| Las Animas.....  | 3,874,903           | 8,791,852     | 3,077,978           | 7,633,795     | 8,825,275     |
| Lincoln.....     | 753,834             | 941,536       | 723,983             | 800,869       | 1,110,143     |
| Logan.....       | 1,846,201           | 2,657,087     | 1,907,490           | 2,323,649     | 4,133,075     |
| Mesa.....        | 2,480,644           | 4,718,232     | 2,544,742           | 4,110,442     | 5,468,338     |
| Mineral.....     | .....               | .....         | .....               | .....         | .....         |
| Moffat.....      | 431,318             | 704,562       | 343,612             | 625,091       | 716,370       |
| Montezuma.....   | 1,085,180           | 1,646,436     | 994,452             | 1,261,998     | 1,784,853     |
| Montrose.....    | 1,637,798           | 2,392,005     | 1,412,476           | 2,121,952     | 2,567,387     |
| Morgan.....      | 3,146,367           | 3,085,944     | 2,707,032           | 2,994,667     | 4,925,832     |
| Otero.....       | 2,081,842           | 3,060,849     | 1,893,862           | 2,757,673     | 4,086,354     |
| Ouray.....       | 241,419             | 406,171       | 203,584             | 305,788       | 509,373       |
| Park.....        | 109,623             | 234,381       | 124,682             | 225,103       | 349,785       |
| Phillips.....    | 1,063,066           | 1,309,920     | 900,778             | 1,251,084     | 2,031,713     |
| Pitkin.....      | 94,803              | 410,404       | 115,758             | 372,722       | 488,480       |
| Prowers.....     | 1,572,454           | 2,194,712     | 1,270,661           | 1,781,697     | 2,482,741     |
| Pueblo.....      | 10,100,999          | 26,193,054    | 9,356,612           | 26,285,440    | 32,430,211    |
| Rio Blanco.....  | 553,243             | 842,410       | 595,190             | 712,473       | 1,015,888     |
| Rio Grande.....  | 1,317,449           | 1,949,710     | 1,357,045           | 1,885,801     | 3,146,920     |
| Routt.....       | 954,570             | 1,243,540     | 817,867             | 990,043       | 1,381,921     |
| Saguache.....    | 688,939             | 947,217       | 551,552             | 807,794       | 1,164,831     |
| San Juan.....    | 127,488             | 619,744       | 101,042             | 515,143       | 638,995       |
| San Miguel.....  | .....               | .....         | .....               | .....         | .....         |
| Sedgwick.....    | 581,764             | 679,464       | 526,189             | 645,949       | 921,685       |
| Summit.....      | 55,149              | 149,326       | 51,525              | 113,689       | 165,214       |
| Teller.....      | 418,495             | 2,217,353     | 201,635             | 1,860,632     | 1,935,226     |
| Washington.....  | 336,240             | 574,073       | 354,270             | 539,605       | 659,514       |
| Weld.....        | 6,483,611           | 10,135,997    | 5,668,460           | 9,842,397     | 12,962,213    |
| Yuma.....        | 1,283,863           | 1,747,539     | 1,296,779           | 1,843,727     | 2,793,939     |
| State.....       | \$172,871,041       | \$311,040,485 | \$147,521,449       | \$309,991,117 | \$379,998,686 |

## Colorado Commercial Organizations

**A**CTIVE commercial 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 includes those organizations which are members of the State Association of Commercial Organizations of Colorado, of which Elmore Petersen of the State university at Boulder is secretary. In addition to those organizations of a local nature it includes several of regional or state-wide scope, and 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.

### STATE AND REGIONAL ORGANIZATIONS

State Association of Commercial Organizations of Colorado—J. R. Eckles, Lamar, president; Elmore Petersen, Boulder, secretary.

Colorado Association—F. H. Reid, president; B. M. Rastall, executive vice-president; Dudley R. Griggs, secretary; 514 Sixteenth Street, Denver.

Colorado Manufacturers and Merchants Association—E. J. Yetter, Denver, president; E. C. Dawson, Denver, executive secretary; office, City Auditorium, Denver.

Western Colorado Chamber of Commerce—J. A. Clay, Durango, president; J. F. Weeland, Delta, secretary.

Southeastern Colorado Chamber of Commerce—H. B. Dye, La Junta, president; W. C. Spurleder, La Junta, secretary.

Colorado Perishable Traffic Association—J. H. Wolff, Greeley, secretary.

Moffat Tunnel League—I. P. Beckett, Craig, president; J. R. Burroughs, Steamboat Springs, secretary.

The following table of commercial organizations by counties is revised to March 1, 1931.

#### Adams County

Bennett—Commercial Club, R. A. Nye, president; A. O. Westerman, secretary.  
Brighton—Commercial Club.

#### Alamosa County

Alamosa—Alamosa Chamber of Commerce, Thomas Gray, president; Chas. L. Dynes, secretary.

#### Arapahoe County

\*Aurora—Commercial Club, Frank M. Shedd, president; J. D. Tolman, secretary.

Byers—Commercial Association, W. L. Best, president; Hal Parmeter, secretary.

Deertrail—Chamber of Commerce.

\*Englewood—Chamber of Commerce, C. M. Hall, president; G. R. Ballard, secretary.

\*Littleton—Civic and Commercial Association, S. M. Polkinghorn, president; H. S. Ramsey, secretary.

#### Baca County

Springfield—Chamber of Commerce, F. E. Bear, president; Ben Wofford, secretary.

#### Bent County

\*Las Animas—Chamber of Commerce, W. R. Brown, president; C. J. Guthrie, secretary.

#### Boulder County

Allens Park—Chamber of Commerce, J. S. Tregemba, president; William Morgan, secretary.

\*Boulder—Chamber of Commerce, R. G. Platts, president; E. G. Fine, secretary.

\*Longmont—Chamber of Commerce, W. C. Muth, president; R. B. Miller, secretary.

Lyons—Commercial Association, M. W. Turner, president; O. J. Ramey, secretary.

#### Chaffee County

Buena Vista—Chamber of Commerce, A. T. Judd, president; H. L. McGinnis, secretary.

Salida—Chamber of Commerce, C. M. Ferno, president; H. R. Koster, secretary.

#### Cheyenne County

Cheyenne Wells—Chamber of Commerce, C. J. Nelson, president; R. A. Martinson, secretary.

#### Clear Creek County

Empire—Commercial Association, G. H. Anderson, president; E. E. Koch, secretary.

Idaho Springs—Clear Creek County Metal Mining Association, C. W. Lerchen, president; W. H. Stephens, secretary.

#### Conejos County

Antonito—Chamber of Commerce, G. A. Jenkins, president; J. D. Frazey, secretary.

Manassa—Manassa-Romeo Commercial Club, C. P. Jensen, president; L. M. Haynie, secretary.



**Crowley County**

Ordway—Lions Club, L. I. Giffin, president; H. R. Krehbiel, secretary.  
Sugar City—Service Club, L. A. Richards, president; T. W. Butler, secretary.

**Delta County**

Cedaredge—Chamber of Commerce, C. E. Rose, president; P. K. Yonge, secretary.  
Crawford—Chamber of Commerce, H. E. Weborn, president; William Den Beste, secretary.  
\*Delta—Delta County Chamber of Commerce, A. E. Penley, president; J. F. Weeland, secretary.

Hotchkiss—North Fork Chamber of Commerce, H. B. Fetz, president; C. R. Neill, secretary.

Paonia—Chamber of Commerce, C. L. Oliver, president; E. E. Hufty, secretary.

**Denver County**

\*Denver—Rocky Mountain Motorists, Inc., H. M. Allison, president; Clarence Werthan, secretary.

\*Denver—Chamber of Commerce, H. S. Sands, president; G. E. Collision, secretary.

\*Denver—The Colorado Association, F. H. Reid, president; D. R. Griggs, secretary.

**Dolores County**

\*Rico—Dolores County Chamber of Commerce, Dennis Mullins, president; F. J. Koenig, secretary.

**Eagle County**

Eagle—Chamber of Commerce, H. S. White, president; Leo Fessendon, secretary.

**El Paso County**

Calhan—Commercial Club, H. P. Augustus, secretary.

\*Colorado Springs—Chamber of Commerce, J. R. Lowell, president; E. E. Jackson, secretary.

**Fremont County**

\*Canon City—Chamber of Commerce, R. A. Ricketts, president; Fred B. Rice, secretary.

\*Florence—Chamber of Commerce, C. W. John, president; Lynn Smith, secretary.

\*Penrose—Beaver Park Farm and Commercial Club, E. A. Stowe, president; W. G. Keiry, secretary.

**Garfield County**

\*Glenwood Springs—Chamber of Commerce, C. L. Hubbard, president; E. G. LeDonne, secretary.

\*Grand Valley—Chamber of Commerce, Henry Alber, president; G. L. Richardson, secretary.

Rifle—Chamber of Commerce, Quince Hutton, president; E. P. Brown, secretary.

Silt—Farmers' Union, H. B. Sink, president; Jennie Bowles, secretary.

**Grand County**

\*Hot Sulphur Springs—Commercial Club, H. O. Gray, president; N. C. Huffaker, secretary.

**Gunnison County**

\*Gunnison—Chamber of Commerce, Dr. J. P. McDonough, president; Sam C. Hartman, secretary.

**Huerfano County**

\*La Veta—Commercial Club, C. C. Webster, president; O. B. Lauth, secretary.

**Jefferson County**

Arvada—Chamber of Commerce, Newton A. Olson, president; M. E. Johnson, secretary.

**Kit Carson County**

Burlington—Chamber of Commerce, R. Wilkinson, president; G. F. Cockerell, secretary.

Flagler—Community Club, George M. Baxter, president; Gust Westman, secretary.

**La Plata County**

Durango—Chamber of Commerce, Ray T. Sechrist, president; Richard Nelson, secretary.

**Larimer County**

\*Berthoud—Chamber of Commerce, W. E. McCormick, president; F. P. Weyandt, secretary.

\*Estes Park—Chamber of Commerce, E. C. Gooch, president; John Martin, Jr., secretary.

\*Fort Collins—Chamber of Commerce, Byron Albert, president; D. L. Anderson, secretary.

\*Loveland—Chamber of Commerce, Emil Leslie, president; Wm. Hammond, secretary.

\*Wellington—Commercial Club, E. T. Puleston, president; A. L. Carlson, secretary.

**Las Animas County**

\*Trinidad—Chamber of Commerce, I. F. Beauchamp, president; J. C. Caldwell, secretary.

**Lincoln County**

Hugo—Commercial Club, G. Don Randolph, president; J. J. Missemer, secretary.

\*Limon—Chamber of Commerce, A. C. Sinclair, president; D. W. Wills, secretary.

**Logan County**

\*Merino—Merino Progress Club, W. E. Outcalt, president; K. C. Brown, secretary.

\*Sterling—Chamber of Commerce, H. B. Swedlund, president; Mervin Brown, secretary.

**Mesa County**

Collbran—Chamber of Commerce, Dr. Wm. Zinke, president; J. C. Mardis, secretary.

DeBeque—Chamber of Commerce, H. D. Locke, president; F. H. Lischke, secretary.

Fruita—Chamber of Commerce, F. W. Bocking, president; L. H. Dewey, secretary.

\*Grand Junction—Chamber of Commerce, H. H. Younge, president; W. M. Wood, secretary.

Pallisade—Chamber of Commerce, Grant Crissey, president; W. N. Aspinall, secretary.

**Moffat County**

\*Craig—Lions Club, F. A. Lindsay, president; J. N. Bridges, secretary.

**Montezuma County**

\*Cortez—Montezuma County Chamber of Commerce, W. H. Harrison, president; F. L. Miller, secretary.

\*Dolores—Chamber of Commerce, S. H. Phlegar, president; C. H. Webb, secretary.

Mancos—Chamber of Commerce, R. C. Allum, president; C. R. Beers, secretary.

**Montrose County**

Montrose—Montrose Chamber of Commerce, R. A. Peterson, president; J. D. Wilkerson, secretary.  
 Olathe—Chamber of Commerce, T. H. Cox, president; R. J. Davis, secretary.

**Morgan County**

Brush—Civic Club, J. L. Williams, president; E. H. Meier, secretary.  
 \*Fort Morgan—Chamber of Commerce, J. A. M. Crouch, president; R. R. Drennen, secretary.  
 \*Orchard—Commercial Club, H. J. Gearhart, president; Jos. Korsoski, secretary.  
 \*Weldona—Chamber of Commerce, F. S. Markley, president; M. O. York, secretary.

**Otero County**

Fowler—Chamber of Commerce, J. U. Griffin, president; D. A. Buck, secretary.  
 \*La Junta—Chamber of Commerce, R. E. Austin, president; F. R. Brown, secretary.  
 Manzanola—Commerce Club, E. L. Stephens, president; A. W. Warner, secretary.  
 \*Rocky Ford—Chamber of Commerce, J. H. Price, president; J. L. Miller, secretary.

**Ouray County**

Ouray—Chamber of Commerce, H. B. Zanello, president; W. S. Olexo, secretary.

**Phillips County**

Holyoke—Chamber of Commerce, John P. Beck, president; R. C. Amack, secretary.

**Pitkin County**

Aspen—Chamber of Commerce, F. D. Willoughby, secretary.

**Prowers County**

\*Granada—Granada Promotion Club, C. D. Baldwin, president; A. L. McDonald, secretary.  
 Holly—Commercial Club, Sam S. Smith, president; E. J. Thayer, secretary.  
 \*Lamar—Chamber of Commerce, J. R. Eckles, president; L. M. Markham, secretary.  
 \*Wiley—Commercial Club, F. E. Durham, president; R. H. Horner, secretary.

**Pueblo County**

\*Pueblo—Chamber of Commerce, F. A. Sabin, president; P. A. Gray, secretary.  
 Rye—Chamber of Commerce, J. W. Stewart, president; E. E. Jeter, secretary.

**Rio Blanco County**

Meeker—Rio Blanco Commercial Club, Roy Robertson, president; J. E. Sexson, secretary.

**Rio Grande County**

\*Del Norte—Chamber of Commerce, Art Larson, president, Ralph Ellithorpe, secretary.  
 \*Monte Vista—Commercial Club, E. M. Hiatt, president; Esther Godfrey, secretary.

**Routt County**

Hayden—Lions Club, H. L. Dotson, president; R. S. Whittaker, secretary.  
 Oak Creek—Chamber of Commerce, R. I. Gwillium, president; Ed. Bell, secretary.

Steamboat Springs—Commercial Club, F. A. Metcalf, president; J. R. Burroughs, secretary.

\*Steamboat Springs—Moffat Tunnel League, I. P. Beckett, president; J. R. Burroughs, secretary.

**Saguache County**

Center—Upper San Luis Valley Information Bureau, E. C. Feast, president; Samuel Feast, secretary.

**San Juan County**

Silverton—Commercial Club, E. W. Walter, president; James Pilling, secretary.

**San Miguel County**

Norwood—Chamber of Commerce, Charles McKeever, president; Robert E. Williams, secretary.  
 Telluride—Lions Club, Oscar Wunderlich, president; L. G. Denison, secretary.

**Sedgwick County**

Ovid—Chamber of Commerce, P. B. McCauley, president; Joe Brust, secretary.

**Summit County**

\*Dillon—Chamber of Commerce, E. F. Heaton, president; I. W. Blundell, secretary.

**Teller County**

Cripple Creek—Cripple Creek Motor and Commercial Club, P. H. House, president; F. W. Bruington, secretary.  
 Victor—Chamber of Commerce, M. Driscoll, president; O. R. Hagans, secretary.

**Washington County**

Otis—Commercial Club, A. D. Leerskov, president; Phillip Shae, secretary.

**Weld County**

\*Ault—Community Club, F. M. Walling, president; H. D. Pratt, secretary.  
 Eaton—Eaton Luncheon Club, E. G. Holden, president; E. K. McMillen, secretary.  
 Erie—Consolidated Commercial Association, Wm. Nicholson, president; C. R. Hunt, secretary.  
 \*Greeley—Chamber of Commerce, Dr. W. D. Armentrout, president; E. H. Folbrecht, secretary.  
 Greeley—Weld County Commercial Club, C. G. Wilson, president; H. F. Bedford, secretary.  
 Hudson—Commercial Club, S. A. Olson, president; S. R. Smith, secretary.  
 \*Johnstown—Chamber of Commerce, Dr. G. R. Jones, president; Carl Krause, secretary.  
 Milliken—Community Club, J. H. Nilson, president; O. L. Altvater, secretary.  
 Pierce—Pierce Community Club, G. P. Miller, president; Emil Smith, secretary.  
 \*Windsor—Community Club, C. E. Peterson, president; G. I. Richards, secretary.

**Yuma County**

Eckley—Rowanis Club, M. R. Tillotson, president; W. C. Godsey, secretary.  
 Wray—Chamber of Commerce, V. V. Vining, president; J. C. Graham, secretary.

\*Members of State Association of Commercial Executives.

## Colorado Postoffices

COLORADO had on January 1, 1931, a total of 730 postoffices, of which 59 belonged to the first and second classes and 671 were designated as third and fourth class postoffices. The number on January 1 of the years named was as follows:

| Year | Class |       | Total |
|------|-------|-------|-------|
|      | 1 & 2 | 3 & 4 |       |
| 1927 | 55    | 726   | 781   |
| 1929 | 59    | 704   | 763   |
| 1930 | 60    | 673   | 733   |
| 1931 | 59    | 671   | 730   |

All postmasters are appointed by the president and confirmed by the senate. Postmasters of the first and second classes receive stipulated salaries for their services, while salaries of postmasters of third and fourth-class offices are based on stamp sales.

The stamp sales of first and second class postoffices, by years, were as follows:

| Year | Amount      |
|------|-------------|
| 1925 | \$4,837,745 |
| 1926 | 5,301,024   |
| 1927 | 5,608,286   |
| 1928 | 5,700,006   |
| 1929 | 6,060,555   |
| 1930 | 5,920,741   |

Stamp sales by third and fourth class postoffices, by years, follow:

| Year | Amount    |
|------|-----------|
| 1925 | \$764,235 |
| 1926 | 729,681   |
| 1927 | 709,200   |
| 1928 | 684,508   |
| 1929 | 714,966   |
| 1930 | 641,278   |

Total sales by all offices in the state, by years, were as follows:

| Year | Amount      |
|------|-------------|
| 1925 | \$5,601,980 |
| 1926 | 6,030,705   |
| 1927 | 6,317,486   |
| 1928 | 6,384,510   |
| 1929 | 6,775,521   |
| 1930 | 6,562,019   |

The postoffice department, according to a survey made in 1927, has in Colorado a total of 2,393 salaried officials and employes, of whom 2,196 are post-office employes and 197 are in other branches of the service, such as railway mail service and inspection departments. The number of persons employed is almost equally divided between the first and second class postoffices, which reported 762, and the third and fourth class postoffices, with approximately 750 persons. These figures do not include assistants in the third and fourth class postoffices and seasonal employes in offices that operate only a part of the time.

There is published herewith a table showing location, cost of sites and cost of buildings of postoffice property in Colorado under the jurisdiction of the treasury department, exclusive of equipment. These figures are for cost only and not present value, some sites being donated, and most of the properties appreciating in value since completion.

### GOVERNMENT-OWNED PROPERTIES IN COLORADO (Includes only those under the control of the U. S. Treasury Department)

| LOCATION         | Character             | Cost of Site   | Cost of Building |
|------------------|-----------------------|----------------|------------------|
| Boulder          | Postoffice            | \$ 10,040.98   | \$ 59,951.85     |
| Canon City       | Postoffice (old)      | 11,000.00      | (No Bldg.)       |
| Canon City       | Postoffice (new)      | 14,000.00      | (*)              |
| Colorado Springs | P. O. and Court House | 65,066.89      | 241,582.98       |
| Denver           | Mint                  | 60,261.71      | 770,625.04       |
| Denver           | P. O. and Court House | 486,879.62     | 1,999,869.31     |
| Denver           | Custom House          | 65,825.17      | 570,410.52       |
| Denver           | Custom House (new)    | 200,000.00     | (†)              |
| Durango          | Postoffice            | 10,000.00      | 147,818.67       |
| Fort Collins     | Postoffice            | 12,000.00      | 87,893.74        |
| Fort Morgan      | Postoffice            | 9,785.00       | 47,412.99        |
| Glenwood Springs | Postoffice            | 9,500.00       | 83,951.96        |
| Grand Junction   | Postoffice            | 9,800.00       | 173,899.17       |
| Greeley          | Postoffice            | 15,000.00      | 102,011.21       |
| La Junta         | Postoffice            | 1.00           | 84,934.84        |
| Leadville        | Postoffice            | 12,084.34      | 71,469.97        |
| Monte Vista      | Postoffice            | 3,900.00       | (No Bldg.)       |
| Montrose         | P. O. and Court House | 15,000.00      | (No Bldg.)       |
| Pueblo           | Postoffice            | 1,009.07       | 298,990.93       |
| Sterling         | Postoffice            | 15,000.00      | †                |
| Trinidad         | Postoffice            | 68.65          | 74,931.35        |
| Total            |                       | \$1,026,222.43 | \$4,815,754.53   |

\*Contract awarded (\$78,300). Building in progress.

†Contract awarded (\$747,900). Building in progress.

‡Contract awarded (\$187,877). Building in progress.

Note—Figures published in former years were revised by the treasury department in 1931.



## FIRST AND SECOND CLASS POSTOFFICES AND STAMP SALES

| Postoffice        | County      | Stamp Sales |             |             |             |             |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                   |             | 1926        | 1927        | 1928        | 1929        | 1930        |
| Akron             | Washington  | \$ 9,466    | \$ 9,264    | \$ 9,135    | \$ 9,103    | \$ 8,833    |
| Alamosa           | Alamosa     | 30,637      | 31,534      | 33,500      | 35,755      | 35,735      |
| Arvada            | Jefferson   | *           | *           | 8,616       | 8,140       | 7,078       |
| Boulder           | Boulder     | 101,145     | 109,884     | 103,390     | 105,425     | 101,780     |
| Brighton          | Adams       | 15,409      | 16,336      | 16,526      | 17,318      | 17,401      |
| Brush             | Morgan      | 13,985      | 13,969      | 13,878      | 14,603      | 13,707      |
| Burlington        | Kit Carson  | 12,878      | 12,186      | 13,128      | 13,339      | 15,796      |
| Canon City        | Fremont     | 41,466      | 41,339      | 40,262      | 40,422      | 37,749      |
| Cheyenne Wells    | Cheyenne    | *           | *           | *           | 13,599      | 13,067      |
| Colorado Springs  | El Paso     | 266,483     | 254,574     | 293,355     | 313,517     | 302,486     |
| Craig             | Moffat      | 11,999      | 12,629      | 13,403      | 14,965      | 14,848      |
| Cripple Creek     | Teller      | 9,117       | 8,643       | 9,261       | 7,812       | 8,088       |
| Delta             | Delta       | 23,082      | 22,117      | 22,004      | 22,335      | 21,072      |
| Del Norte         | Rio Grande  | *           | *           | 8,307       | 8,808       | 8,901       |
| Denver            | Denver      | 3,391,673   | 3,688,955   | 3,730,058   | 4,059,833   | 3,978,946   |
| Durango           | La Plata    | 41,059      | 42,710      | 41,460      | 42,353      | 40,142      |
| Eaton             | Weld        | 9,100       | 9,210       | 8,697       | 8,614       | 8,089       |
| Estes Park        | Larimer     | 12,914      | 12,893      | 11,687      | 12,404      | 11,808      |
| Florence          | Fremont     | 14,625      | 15,183      | 15,178      | 13,672      | 12,969      |
| Fort Collins      | Larimer     | 74,205      | 76,112      | 76,617      | 75,902      | 73,945      |
| Fort Lupton       | Weld        | 8,774       | 8,951       | 8,603       | 8,807       | 9,413       |
| Fort Morgan       | Morgan      | 27,358      | 28,085      | 27,835      | 27,388      | 25,245      |
| Glenwood Springs  | Garfield    | 20,311      | 19,871      | 19,299      | 19,066      | 19,155      |
| Golden            | Jefferson   | 16,330      | 16,770      | 17,429      | 18,380      | 17,727      |
| Grand Junction    | Mesa        | 114,541     | 120,269     | 118,471     | 117,001     | 103,985     |
| Greeley           | Weld        | 85,494      | 90,793      | 91,036      | 87,784      | 92,033      |
| Gunnison          | Gunnison    | 14,088      | 14,117      | 13,811      | 15,289      | 13,916      |
| Haxtun            | Phillips    | *           | *           | 8,072       | 8,108       | 8,012       |
| Holly             | Prowers     | 7,616       | 8,155       | 7,562       | 8,708       | 8,468       |
| Holyoke           | Phillips    | 9,558       | 9,729       | 9,564       | 10,199      | 9,846       |
| Idaho Springs     | Clear Creek | 8,168       | 8,372       | 7,633       | 7,824       | 8,014       |
| Julesburg         | Sedgwick    | 9,836       | 11,661      | 9,896       | 10,317      | 11,335      |
| La Junta          | Otero       | 35,774      | 34,181      | 34,653      | 36,967      | 36,345      |
| Lamar             | Prowers     | 29,730      | 29,867      | 29,955      | 32,698      | 35,005      |
| Las Animas        | Bent        | 14,710      | 15,327      | 15,099      | 17,346      | 16,664      |
| Leadville         | Lake        | 20,419      | 20,035      | 18,557      | 18,860      | 16,853      |
| Limon             | Lincoln     | 7,549       | 7,475       | 7,477       | 7,535       | 7,485       |
| Littleton         | Arapahoe    | 15,034      | 17,754      | 20,386      | 25,378      | 21,025      |
| Longmont          | Boulder     | 29,207      | 26,468      | 30,731      | 27,755      | 31,544      |
| Loveland          | Larimer     | 23,523      | 23,318      | 23,456      | 23,247      | 23,849      |
| Manitou           | El Paso     | 14,550      | 13,974      | 12,963      | 15,114      | 13,997      |
| Meeker            | Rio Blanco  | 8,486       | 9,709       | 9,569       | 9,791       | 9,362       |
| Monte Vista       | Rio Grande  | 18,797      | 20,488      | 18,253      | 20,584      | 23,365      |
| Montrose          | Montrose    | 27,076      | 26,425      | 27,004      | 27,479      | 27,145      |
| Oak Creek         | Routt       | 7,142       | 7,174       | 7,388       | 7,159       | 8,227       |
| Palisades         | Mesa        | 10,686      | 8,759       | 7,225       | 8,677       | 7,530       |
| Paonia            | Delta       | 12,775      | 11,127      | 11,731      | 10,702      | 8,519       |
| Pueblo            | Pueblo      | 370,550     | 366,544     | 347,538     | 319,216     | 307,492     |
| Rife              | Garfield    | 9,973       | 10,504      | 11,056      | 11,626      | 10,974      |
| Rocky Ford        | Otero       | 28,603      | 30,318      | 27,239      | 28,021      | 28,563      |
| Salida            | Chaffee     | 23,835      | 24,898      | 25,399      | 25,506      | 24,959      |
| Springfield       | Baca        | *           | *           | 8,963       | 10,769      | 12,206      |
| Steamboat Springs | Routt       | 13,057      | 13,602      | 14,097      | 14,257      | 13,404      |
| Sterling          | Logan       | 39,145      | 39,360      | 44,327      | 44,885      | 45,661      |
| Telluride         | San Miguel  | 9,117       | 7,949       | 6,142       | 4,957       | (a)         |
| Trinidad          | Las Animas  | 77,154      | 76,691      | 81,817      | 82,436      | 80,846      |
| Victor            | Teller      | 8,317       | 8,050       | 8,146       | 8,151       | 6,500       |
| Walsenburg        | Huerfano    | 23,841      | 24,244      | 24,831      | 23,476      | 21,685      |
| Wray              | Yuma        | 11,254      | 10,667      | 10,242      | 11,741      | 11,492      |
| Yuma              | Yuma        | 9,103       | 9,066       | 9,090       | 9,438       | 10,454      |
| Total             |             | \$5,301,024 | \$5,608,285 | \$5,700,007 | \$6,060,555 | \$5,920,741 |

\* Included in aggregate for third and fourth class offices, in which classification these offices were carried until recently.

(a) Changed to third class July 1, 1930.

# Third and Fourth Class Postoffices

| Post Office                   | County      | Post Office                | County             | Post Office                                  | County      |
|-------------------------------|-------------|----------------------------|--------------------|--|-------------|
| Abarr                         | Yuma        | Burdett                    | Washington         | Doyleville                                   | Gunnison    |
| Ackmen                        | Montezuma   | Burns                      | Eagle              | Drake  | Larimer     |
| Adams City                    | Adams       | Byers <sup>2</sup>         | Arapahoe           | Dumont                                       | Clear Creek |
| Adena                         | Morgan      | Caddoa <sup>2</sup>        | Bent               | Dunkley                                      | Routt       |
| Agate                         | Elbert      | Cahone                     | Dolores            | Dunton                                       | Dolores     |
| Aguilar <sup>2</sup>          | Las Animas  | Caision                    | Moffat             | Dupont                                       | Adams       |
| Alamo                         | Huerfano    | Calhan <sup>2</sup>        | El Paso            | Dyke <sup>1</sup>                            | Archuleta   |
| Alcreek                       | Las Animas  | Cameo                      | Mesa               | Eads <sup>2</sup>                            | Kiowa       |
| Allenspark                    | Boulder     | Campo <sup>2</sup>         | Baca               | Eagle <sup>2</sup>                           | Eagle       |
| Allison                       | La Plata    | Capulin                    | Conejos            | East Lake                                    | Adams       |
| Alma                          | Park        | Carbondale <sup>2</sup>    | Garfield           | Eastonville                                  | El Paso     |
| Almont <sup>1</sup>           | Gunnison    | Carlton                    | Prowers            | Eckert <sup>2</sup>                          | Delta       |
| Amherst                       | Phillips    | Carr                       | Weld               | Eckley <sup>2</sup>                          | Yuma        |
| Amity <sup>2</sup>            | Prowers     | Cascade                    | El Paso            | Edgewater <sup>2</sup>                       | Jefferson   |
| Amy                           | Lincoln     | Castle Rock <sup>2</sup>   | Douglas            | Edler  | Baca        |
| Andrix                        | Las Animas  | Cebolla <sup>1</sup>       | Gunnison           | Edwards                                      | Eagle       |
| Antlers                       | Garfield    | Cedar                      | San Miguel         | Eggers <sup>3</sup>                          | Larimer     |
| Antonito <sup>2</sup>         | Conejos     | Cedaredge <sup>2</sup>     | Delta              | Egnar  | San Miguel  |
| Apex                          | Gilpin      | Cedarwood                  | Pueblo             | Elba   | Washington  |
| Arapahoe <sup>2</sup>         | Cheyenne    | Center <sup>2</sup>        | Saguache           | Elbert <sup>1</sup>                          | Elbert      |
| Arboles                       | Archuleta   | Central City               | Gilpin             | Eldora <sup>3</sup>                          | Boulder     |
| Arickaree                     | Washington  | Chama <sup>1</sup>         | Costilla           | Eldorado Springs                             | Boulder     |
| Arlington                     | Kiowa       | Chandler                   | Fremont            | Elizabeth <sup>2</sup>                       | Elbert      |
| Armel                         | Yuma        | Cheneycenter               | Prowers            | Elk Springs <sup>1</sup>                     | Moffat      |
| Aroya                         | Cheyenne    | Cheraw                     | Otero              | El Moro                                      | Las Animas  |
| Arriba <sup>2</sup>           | Lincoln     | Cherokee Park <sup>1</sup> | Larimer            | Empire <sup>2</sup>                          | Clear Creek |
| Arriola                       | Montezuma   | Chivington                 | Kiowa              | Englewood <sup>2</sup> (Branch of<br>Denver) | Arapahoe    |
| Aspen <sup>2</sup>            | Pitkin      | Chromo                     | Archuleta          | Erie <sup>2</sup>                            | Weld        |
| Association Camp <sup>2</sup> | Larimer     | Cimarron                   | Montrose           | Escalante Forks <sup>1</sup>                 | Mesa        |
| Atchee                        | Garfield    | Clark                      | Routt              | Eskdale                                      | Adams       |
| Atwood                        | Logan       | Cliffdale <sup>1</sup>     | Jefferson          | Espinoza                                     | Conejos     |
| Ault <sup>2</sup>             | Weld        | Clifton <sup>2</sup>       | Mesa               | Estabrook                                    | Park        |
| Aurora <sup>2</sup>           | Arapahoe    | Climax <sup>2</sup>        | Lake               | Eureka <sup>2</sup>                          | San Juan    |
| Austin                        | Delta       | Coal Creek <sup>2</sup>    | Fremont            | Evans  | Weld        |
| Avalo                         | Weld        | Coaldale                   | Fremont            | Evergreen <sup>2</sup>                       | Jefferson   |
| Avon                          | Eagle       | Coalmont                   | Jackson            | Fairplay <sup>2</sup>                        | Park        |
| Avondale                      | Pueblo      | Cokedale                   | Las Animas         | Falcon                                       | El Paso     |
| Axial                         | Moffat      | Collbran <sup>2</sup>      | Mesa               | Falfa  | La Plata    |
| Ayer <sup>1</sup>             | Otero       | Colona                     | Ouray              | Farisita <sup>1</sup>                        | Huerfano    |
| Bailey                        | Park        | Columbine                  | Routt              | Farr   | Huerfano    |
| Baldwin                       | Gunnison    | Como <sup>2</sup>          | Park               | Firestone                                    | Weld        |
| Barela                        | Las Animas  | Conejos                    | Conejos            | Firstview                                    | Cheyenne    |
| Barnesville                   | Weld        | Cope <sup>2</sup>          | Washington         | Fitzsimons <sup>2</sup>                      | Adams       |
| Bartlett                      | Baca        | Copper Spur                | Eagle              | Flagler <sup>2</sup>                         | Kit Carson  |
| Barr Lake                     | Adams       | Cornish                    | Weld               | Fleming <sup>2</sup>                         | Logan       |
| Basalt <sup>1</sup>           | Eagle       | Cortez <sup>2</sup>        | Montezuma          | Florissant                                   | Teller      |
| Battle Creek                  | Routt       | Cory                       | Delta              | Floyd Hill                                   | Clear Creek |
| Bayfield <sup>2</sup>         | La Plata    | Cotopaxi                   | Fremont            | Flues  | Las Animas  |
| Bear River                    | Routt       | Cowdrey                    | Jackson            | Fondis                                       | Elbert      |
| Bedrock                       | Montrose    | Cragmor <sup>2</sup>       | El Paso            | Forder                                       | Lincoln     |
| Beecher Island                | Yuma        | Crawford <sup>2</sup>      | Delta              | Fort Garland                                 | Costilla    |
| Bellvue                       | Larimer     | Creede <sup>2</sup>        | Mineral            | Fort Logan <sup>2</sup>                      | Arapahoe    |
| Bennett <sup>2</sup>          | Adams       | Crested Butte <sup>2</sup> | Gunnison           | Fort Lyon                                    | Bent        |
| Berthoud <sup>2</sup>         | Larimer     | Crestone                   | Saguache           | Fosston                                      | Weld        |
| Berwind                       | Las Animas  | Critchell                  | Jefferson          | Fountain <sup>2</sup>                        | El Paso     |
| Bethune                       | Kit Carson  | Crook <sup>2</sup>         | Logan              | Fowler <sup>2</sup>                          | Otero       |
| Beulah                        | Pueblo      | Cross Mountain             | Moffat             | Foxton                                       | Jefferson   |
| Blackhawk <sup>2</sup>        | Gilpin      | Crossons <sup>1</sup>      | Jefferson          | Franktown                                    | Douglas     |
| Blaine <sup>2</sup>           | Baca        | Crowley <sup>2</sup>       | Crowley            | Fraser <sup>2</sup>                          | Grand       |
| Blanca <sup>2</sup>           | Costilla    | Cuchara                    | Camps <sup>1</sup> | Frederick <sup>2</sup>                       | Weld        |
| Bloom                         | Otero       | Cumbres                    | Conejos            | Frisco <sup>2</sup>                          | Summit      |
| Bonanza <sup>2</sup>          | Saguache    | Dacona                     | Weld               | Fruita <sup>2</sup>                          | Mesa        |
| Boncarbo <sup>1</sup>         | Las Animas  | Dailey                     | Logan              | Galatea                                      | Kiowa       |
| Boone <sup>2</sup>            | Pueblo      | Dalerose                   | Las Animas         | Galeton                                      | Weld        |
| Bovina                        | Lincoln     | De Beque <sup>2</sup>      | Mesa               | Garcia                                       | Costilla    |
| Bowie <sup>1</sup>            | Delta       | Deekers <sup>1</sup>       | Douglas            | Gardner                                      | Huerfano    |
| Bovero                        | Lincoln     | Deepcreek <sup>1</sup>     | Routt              | Garfield <sup>1</sup>                        | Chaffee     |
| Brandon                       | Kiowa       | Deertrail                  | Arapahoe           | Garo   | Park        |
| Branson <sup>2</sup>          | Las Animas  | Delagua <sup>2</sup>       | Las Animas         | Gary   | Morgan      |
| Breckenridge <sup>2</sup>     | Summit      | Delcarbon                  | Huerfano           | Gateway                                      | Mesa        |
| Breen                         | La Plata    | Delhi                      | Las Animas         | Genoa <sup>2</sup>                           | Lincoln     |
| Briggsdale <sup>2</sup>       | Weld        | De Nova                    | Washington         | Georgetown <sup>2</sup>                      | Clear Creek |
| Bristol <sup>2</sup>          | Prowers     | Deora                      | Baca               | Gilcrest                                     | Weld        |
| Brothead                      | Las Animas  | Derby                      | Adams              | Gill   | Weld        |
| Brook Forest <sup>1</sup>     | Jefferson   | Dicks                      | Las Animas         | Gilman <sup>2</sup>                          | Eagle       |
| Brookvale                     | Clear Creek | Dillon                     | Summit             | Glade Park                                   | Mesa        |
| Broomfield                    | Boulder     | Divide                     | Teller             | Glendevy                                     | Larimer     |
| Buckingham <sup>2</sup>       | Weld        | Dolores <sup>2</sup>       | Montezuma          | Glen Haven <sup>1</sup>                      | Larimer     |
| Buena Vista <sup>2</sup>      | Chaffee     | Dove Creek                 | Dolores            | Goldfield <sup>2</sup>                       | Teller      |
| Buffalo                       | Jefferson   | Dove                       | Weld               |  |             |
| Buford                        | Rio Blanco  |                            |                    |  |             |

| Post Office                      | County     | Post Office                | County      | Post Office                   | County     |
|----------------------------------|------------|----------------------------|-------------|-------------------------------|------------|
| Gold Hill                        | Boulder    | Kline                      | La Plata    | Mosca                         | Alamosa    |
| Goodrich                         | Morgan     | Koenig <sup>1</sup>        | Weld        | Mount Harris <sup>2</sup>     | Routt      |
| Gordon                           | Huerfano   | Kokomo <sup>2</sup>        | Summit      | Mount Morrison <sup>2</sup>   | Jefferson  |
| Gorham                           | Boulder    | Kremmling <sup>2</sup>     | Grand       | Mount Princeton Hot           |            |
| Graft                            | Baca       | Kutch                      | Elbert      | Springs <sup>1</sup>          | Chaffee    |
| *Granada <sup>1</sup>            | Prowers    | La Boca <sup>1</sup>       | La Plata    | Mustang                       | Huerfano   |
| Granby <sup>2</sup>              | Grand      | *Lafayette <sup>2</sup>    | Boulder     | Mystic                        | Routt      |
| Grand Lake <sup>2</sup>          | Grand      | La Garita                  | Saguache    | Nathrop                       | Chaffee    |
| *Grand Mesa <sup>1</sup>         | Delta      | Laird <sup>2</sup>         | Yuma        | Naturita <sup>2</sup>         | Montrose   |
| *Grand Valley <sup>2</sup>       | Garfield   | *La Jara <sup>2</sup>      | Conejos     | Nederland <sup>2</sup>        | Boulder    |
| Granite                          | Chaffee    | Lake City <sup>2</sup>     | Hinsdale    | *New Castle <sup>2</sup>      | Garfield   |
| Great Divide                     | Moffat     | Lake George                | Park        | New Raymer <sup>2</sup>       | Weld       |
| Green Knoll                      | Lincoln    | La Plata                   | La Plata    | Ninaview                      | Bent       |
| Greenland                        | Douglas    | Laporte                    | Larimer     | Niwot                         | Boulder    |
| Green Mountain Falls             | El Paso    | Larkspur                   | Douglas     | North Avondale                | Pueblo     |
| Greystone                        | Moffat     | La Salle <sup>2</sup>      | Weld        | Northdale <sup>1</sup>        | Dolores    |
| Grover <sup>2</sup>              | Weld       | Lascar                     | Huerfano    | North Veta <sup>1</sup>       | Huerfano   |
| Guffey                           | Park       | La Veta <sup>2</sup>       | Huerfano    | Norwood <sup>2</sup>          | San Miguel |
| Gulnare                          | Las Animas | Lawson                     | Clear Creek | Nucula <sup>2</sup>           | Montrose   |
| Gypsum <sup>2</sup>              | Eagle      | Lay                        | Moffat      | Nunn <sup>2</sup>             | Weld       |
| Hahns Peak                       | Routt      | Lazear <sup>2</sup>        | Delta       | Officer                       | Las Animas |
| Hale                             | Yuma       | Leader                     | Adams       | Ohio                          | Gunnison   |
| Hamilton                         | Moffat     | Lebanon                    | Montezuma   | Okardo                        | Baca       |
| Hardin                           | Weld       | Leonard                    | San Miguel  | *Olathe <sup>2</sup>          | Montrose   |
| Harrisburg                       | Washington | Lewis <sup>1</sup>         | Montezuma   | Oleson                        | Adams      |
| Hartman <sup>2</sup>             | Prowers    | Lily <sup>1</sup>          | Moffat      | Olney Springs <sup>2</sup>    | Crowley    |
| Hartsel                          | Park       | Lime                       | Pueblo      | Ophir                         | San Miguel |
| Hastings <sup>2</sup>            | Las Animas | Lindland <sup>3</sup>      | Jackson     | Orchard <sup>2</sup>          | Morgan     |
| Hasty                            | Bent       | Lindon <sup>1</sup>        | Washington  | Ordway                        | Crowley    |
| Haswell <sup>2</sup>             | Kiowa      | Livermore                  | Larimer     | Ortiz                         | Conejos    |
| Haybro <sup>1</sup>              | Routt      | Lodore                     | Moffat      | Otis <sup>2</sup>             | Washington |
| Hayden <sup>2</sup>              | Routt      | Logcabin                   | Larimer     | *Ouray <sup>2</sup>           | Ouray      |
| Heartstrong                      | Yuma       | Loma <sup>2</sup>          | Mesa        | Overland Park                 | Denver     |
| Henderson                        | Adams      | Longs Peak <sup>3</sup>    | Larimer     | Ovid                          | Sedgwick   |
| Hereford                         | Weld       | Longview <sup>3</sup>      | Jefferson   | Oxford                        | La Plata   |
| Hesperus <sup>2</sup>            | La Plata   | Loretto                    | Arapahoe    | Padronei                      | Logan      |
| Highmore                         | Garfield   | *Louisville <sup>2</sup>   | Boulder     | Pagoda                        | Routt      |
| Hillrose <sup>2</sup>            | Morgan     | Louviers                   | Douglas     | Pagosa Junction               | Archuleta  |
| Hillside <sup>2</sup>            | Fremont    | Loyd                       | Moffat      | *Pagosa Springs <sup>2</sup>  | Archuleta  |
| Hill Top <sup>1</sup>            | Douglas    | Lucerne                    | Weld        | Palmer Lake                   | El Paso    |
| Hoehe                            | Las Animas | Ludlow <sup>2</sup>        | Las Animas  | Pando                         | Eagle      |
| Home                             | Larimer    | Lycan                      | Baca        | Paoli                         | Phillips   |
| Homelake                         | Rio Grande | *Lyons <sup>2</sup>        | Boulder     | Paradox                       | Montrose   |
| Hooper <sup>2</sup>              | Alamosa    | McClave                    | Bent        | Parkdale                      | Fremont    |
| *Hotchkiss <sup>2</sup>          | Delta      | McCoy                      | Eagle       | Parker                        | Douglas    |
| Hot Sulphur Springs <sup>2</sup> | Grand      | McElmo                     | Montezuma   | Parlin                        | Gunnison   |
| Howard                           | Fremont    | McGregor                   | Routt       | Parshall                      | Grand      |
| Howardsville                     | San Juan   | McPhee <sup>2</sup>        | Montezuma   | Patt <sup>1</sup>             | Las Animas |
| Howbert                          | Park       | *Mack <sup>2</sup>         | Mesa        | Paulus <sup>1</sup>           | Jackson    |
| Hoyt                             | Morgan     | Maher                      | Montrose    | Pawnee                        | Morgan     |
| Hudson <sup>2</sup>              | Weld       | Maitland                   | Huerfano    | *Peaceful Valley <sup>1</sup> | Boulder    |
| Hughes                           | Yuma       | Malta                      | Lake        | Peckham                       | Weld       |
| *Hugo <sup>2</sup>               | Lincoln    | Manassa <sup>2</sup>       | Conejos     | Peetz <sup>2</sup>            | Logan      |
| Hyde                             | Washington | *Manacos <sup>2</sup>      | Montezuma   | Penrose <sup>2</sup>          | Fremont    |
| Hydrate <sup>1</sup>             | Routt      | *Manzanola <sup>2</sup>    | Otero       | Pershing                      | Routt      |
| Hygiene                          | Boulder    | *Marble <sup>2</sup>       | Gunnison    | Peyton                        | El Paso    |
| Idalia                           | Yuma       | Marshall Pass <sup>1</sup> | Saguache    | Phippsburg <sup>2</sup>       | Routt      |
| Idledale                         | Jefferson  | Martin                     | Grand       | Pictou                        | Huerfano   |
| Ignacio <sup>2</sup>             | La Plata   | Marvine                    | Rio Blanco  | Pierce                        | Weld       |
| Iliff                            | Logan      | Masonville                 | Larimer     | Pikeview                      | El Paso    |
| Independence <sup>2</sup>        | Teller     | Massadonna                 | Moffat      | Pine                          | Jefferson  |
| Indian Hills                     | Jefferson  | Masters                    | Weld        | Pinecliff                     | Boulder    |
| Iola                             | Gunnison   | Matheson <sup>2</sup>      | Elbert      | Pinnacle                      | Routt      |
| Ione                             | Weld       | Maybell                    | Moffat      | Pinneo                        | Washington |
| Jarosa                           | Costilla   | Mead                       | Weld        | Pitkin                        | Gunnison   |
| Jefferson                        | Park       | Meredith                   | Pitkin      | Placerville                   | San Miguel |
| Joes                             | Yuma       | Merino <sup>2</sup>        | Logan       | Placita <sup>1</sup>          | Pitkin     |
| Johnstown <sup>2</sup>           | Weld       | Mesa <sup>2</sup>          | Mesa        | Plainview                     | Jefferson  |
| Juniper Springs <sup>1</sup>     | Moffat     | *Mesa Verde National       |             | Platau City                   | Mesa       |
| Kalous <sup>1</sup>              | Weld       | Park <sup>1</sup>          | Montezuma   | Platner                       | Washington |
| Karval                           | Lincoln    | Mesita                     | Costilla    | *Platteville <sup>2</sup>     | Weld       |
| Kauffman                         | Weld       | Messex                     | Washington  | Plum Valley                   | Las Animas |
| Kazan                            | Las Animas | Mildred                    | Yuma        | Poncha Springs <sup>2</sup>   | Chaffee    |
| Keenesburg <sup>2</sup>          | Weld       | Milliken                   | Weld        | Portland <sup>2</sup>         | Fremont    |
| Kendrick                         | Lincoln    | Milner                     | Routt       | Powderhorn                    | Gunnison   |
| Keota                            | Weld       | Mindean                    | Otero       | Price Creek                   | Moffat     |
| Kersey <sup>2</sup>              | Weld       | Mineral Hot Spgs.          | Saguache    | Primero                       | Las Animas |
| Keyser                           | Elbert     | Minturn <sup>2</sup>       | Eagle       | Pritchett <sup>2</sup>        | Baca       |
| *Kim <sup>2</sup>                | Las Animas | Model                      | Las Animas  | Proctor                       | Logan      |
| Kim's Canyon                     | Jackson    | Moffat                     | Saguache    | Prowers                       | Bent       |
| *Kiowa <sup>2</sup>              | Elbert     | Molina                     | Mesa        | Pryor                         | Huerfano   |
| Kirk <sup>2</sup>                | Yuma       | Montezuma                  | Summit      | Purcell                       | Weld       |
| Kit Carson <sup>2</sup>          | Cheyenne   | Monument                   | El Paso     | Pyramid <sup>1</sup>          | Rio Blanco |
| Kittredge                        | Jefferson  | Morapos                    | Rio Blanco  | Radium                        | Grand      |
|                                  |            | Morley                     | Las Animas  | Ragged Mountain <sup>1</sup>  | Gunnison   |



| Post Office                       | County     | Post Office                             | County      | Post Office                          | County     |
|-----------------------------------|------------|---|-------------|--------------------------------------|------------|
| Rago                              | Washington | Silver Plume <sup>2</sup>               | Clear Creek | Tungsten <sup>2</sup>                | Boulder    |
| Ramah <sup>2</sup>                | El Paso    | <sup>4</sup> Silverton <sup>2</sup>     | San Juan    | Turret                               | Chaffee    |
| Rand                              | Jackson    | Simla                                   | Elbert      | Twin Lakes                           | Lake       |
| Rangely                           | Rio Blanco | Simpson                                 | Adams       | Two Buttes                           | Baca       |
| Rapson                            | Las Animas | Sinbad <sup>1</sup>                     | Montrose    | Tyrone                               | Las Animas |
| Rattlesnake Butte <sup>1</sup>    | Huerfano   | Skull Creek                             | Moffat      | Ute <sup>1</sup>                     | Montrose   |
| Raven                             | Garfield   | <sup>3</sup> Skyway <sup>1</sup>        | Mesa        | Utleyville                           | Baca       |
| Ravenwood                         | Huerfano   | Slater                                  | Moffat      | Valdez                               | Las Animas |
| Read                              | Delta      | Sligo                                   | Weld        | Valleroso <sup>1</sup>               | Las Animas |
| Redcliff <sup>2</sup>             | Eagle      | Sloss <sup>1</sup>                      | Eagle       | Vanadium                             | San Miguel |
| Red Feather Lakes <sup>3</sup>    | Larimer    | Snowmass                                | Pitkin      | Vernon                               | Yuma       |
| Red Lion                          | Logan      | Snyder                                  | Morgan      | Veta Pass                            | Costilla   |
| Redmesa                           | La Plata   | Somerset <sup>2</sup>                   | Gunnison    | Villagrove                           | Saguache   |
| Redstone                          | Pitkin     | Sopris <sup>2</sup>                     | Las Animas  | Villagreen                           | Las Animas |
| Redvale                           | Montrose   | South Fork                              | Rio Grande  | Vim                                  | Weld       |
| Redwing                           | Huerfano   | South Platte                            | Jefferson   | Virginia Dale                        | Larimer    |
| Richards                          | Baca       | <sup>4</sup> Spicer <sup>2</sup>        | Jackson     | Vona <sup>3</sup>                    | Kit Carson |
| Rico <sup>2</sup>                 | Dolores    | Spivak                                  | Jefferson   | Vroman                               | Otero      |
| Ridge                             | Jefferson  | Starkville <sup>2</sup>                 | Las Animas  | Wages                                | Yuma       |
| <sup>1</sup> Ridgway <sup>2</sup> | Ouray      | Stone City                              | Pueblo      | Wagon Wheel Gap <sup>3</sup>         | Mineral    |
| Riland <sup>1</sup>               | Garfield   | Stoneham <sup>2</sup>                   | Weld        | Waitley <sup>1</sup>                 | Washington |
| Rio Blanco                        | Rio Blanco | Stoner                                  | Montezuma   | Walden <sup>2</sup>                  | Jackson    |
| River Bend                        | Elbert     | Stonington <sup>2</sup>                 | Baca        | Walsen <sup>2</sup>                  | Huerfano   |
| Roach                             | Larimer    | Strasburg <sup>2</sup>                  | Arapahoe    | Walsh <sup>2</sup>                   | Baca       |
| Rockvale <sup>2</sup>             | Fremont    | <sup>4</sup> Stratton <sup>2</sup>      | Kit Carson  | Ward <sup>2</sup>                    | Boulder    |
| Rockwood                          | La Plata   | Strontia Springs <sup>1</sup>           | Douglas     | Watkins                              | Adams      |
| Rodley                            | Baca       | Sugar City <sup>2</sup>                 | Crowley     | Waunita Hot Springs <sup>1</sup>     | Gunnison   |
| Roggen                            | Weld       | Sugar Loaf <sup>2</sup>                 | Boulder     | Weldona <sup>2</sup>                 | Morgan     |
| Rollinsville                      | Gilpin     | Sunbeam                                 | Moffat      | Wellington <sup>2</sup>              | Larimer    |
| Romeo                             | Conejos    | Superior                                | Boulder     | <sup>4</sup> Westcliffe <sup>2</sup> | Custer     |
| Rosita                            | Custer     | Swallows                                | Pueblo      | Westminster                          | Adams      |
| Roult                             | Roult      | Swink <sup>2</sup>                      | Otero       | Weston <sup>2</sup>                  | Las Animas |
| Ruedi                             | Eagle      | Tabernash <sup>2</sup>                  | Grand       | West Plains                          | Logan      |
| Rugby                             | Las Animas | Tacoma                                  | La Plata    | West Portal <sup>2</sup>             | Grand      |
| Rush                              | El Paso    | Tacony                                  | El Paso     | Wetmore                              | Custer     |
| Russell <sup>1</sup>              | Costilla   | Tarryall                                | Park        | Wheatridge <sup>2</sup>              | Jefferson  |
| Russell Gulch <sup>2</sup>        | Gilpin     | Telluride                               | San Miguel  | Whitewater                           | Mesa       |
| Rye <sup>4</sup>                  | Pueblo     | Tennessee Pass                          | Lake        | <sup>4</sup> Wiggins <sup>2</sup>    | Morgan     |
| Saguache <sup>2</sup>             | Saguache   | Tercio                                  | Las Animas  | Wild Horse <sup>2</sup>              | Cheyenne   |
| Saint Elmo <sup>1</sup>           | Chaffee    | Texas Creek                             | Fremont     | Wilds <sup>1</sup>                   | Larimer    |
| Saints                            | San Miguel | Thatcher                                | Las Animas  | Wiley <sup>2</sup>                   | Prowers    |
| San Acacio <sup>2</sup>           | Costilla   | Thornburg                               | Rio Blanco  | Willard                              | Logan      |
| Sanford <sup>2</sup>              | Conejos    | Thurman                                 | Washington  | <sup>4</sup> Windsor <sup>2</sup>    | Weld       |
| San Luis <sup>2</sup>             | Costilla   | Tiffany                                 | La Plata    | Wolcott                              | Eagle      |
| San Pablo                         | Costilla   | Tigiwon <sup>3</sup>                    | Eagle       | Woodland Park                        | Teller     |
| Sapinero                          | Gunnison   | Tiger <sup>4</sup>                      | Summit      | Woodman <sup>2</sup>                 | El Paso    |
| Sargents                          | Saguache   | Timmath                                 | Larimer     | Woodrow                              | Washington |
| Sedalia                           | Douglas    | Timpas                                  | Otero       | Woody                                | Pitkin     |
| Sedgwick                          | Sedgwick   | Tioga                                   | Huerfano    | Wormington <sup>1</sup>              | Las Animas |
| Segundo <sup>2</sup>              | Las Animas | Tobe <sup>1</sup>                       | Las Animas  | Yampa <sup>2</sup>                   | Roult      |
| <sup>1</sup> Seibert <sup>2</sup> | Kit Carson | Tolland                                 | Gilpin      | Yellow Jacket                        | Montezuma  |
| Serene                            | Weld       | Tollerberg                              | Las Animas  | Yoder                                | El Paso    |
| Severence                         | Weld       | Toltec                                  | Huerfano    | Youghal <sup>1</sup>                 | Moffat     |
| Sharpsdale <sup>1</sup>           | Huerfano   | Toponas                                 | Roult       |                                      |            |
| Shaw                              | Lincoln    | Towaco                                  | Montezuma   |                                      |            |
| Shawnee                           | Park       | Towner <sup>2</sup>                     | Kiowa       |                                      |            |
| Sheephorn                         | Eagle      | <sup>3</sup> Trappers Lake <sup>1</sup> | Garfield    |                                      |            |
| Sheridan Lake                     | Kiowa      | Trinchera                               | Las Animas  |                                      |            |
| Sidney                            | Roult      | Troublesome                             | Grand       |                                      |            |
| Sigman                            | Adams      | Trou Creek <sup>1</sup>                 | Roult       |                                      |            |
| Siloom                            | Pueblo     | Troutville <sup>1</sup>                 | Eagle       |                                      |            |
| Silt <sup>2</sup>                 | Garfield   | Troy                                    | Las Animas  |                                      |            |
| Silver Cliff                      | Custer     | Trump                                   | Park        |                                      |            |

- <sup>1</sup> Do not issue money orders.  
<sup>2</sup> International money order offices.  
<sup>3</sup> Summer offices.  
<sup>4</sup> Postal Savings depositories.  
<sup>5</sup> Winter offices.

## Cost of Living in Colorado

A STUDY of available figures on the cost of living clearly establishes the fact that it is no more expensive for the individual or family to live in Colorado than in other parts of the country. On the contrary, the cost is shown to be less in typical communities than the average for the country as a whole.

Conditions governing the cost of living vary to such an extent in different localities as to make it next to impossible to prepare tables composed of

arbitrary figures disclosing actual conditions in each. The United States department of labor, however, has an elaborate organization for gathering statistics on the average retail prices of food and other commodities throughout the country. It uses the Denver prices as an index for the state, this data being comparable with other cities of the country in which similar information is obtained and with the country as a whole.

The department of labor compiles

monthly data on the average retail prices of 42 articles of food in the principal cities of the United States. The combined cost of one unit (pound, dozen or can) of each of these articles for the United States on October 15, 1930, based on the average retail price, was \$10.21. On the same date the aggregate cost of the same units at the average retail prices in Denver was \$9.30, or 91 cents less than the average price for the United States. In other words, the average retail prices of the 42 articles of food on that date was 8.9 per cent less in Denver than in the country as a whole.

There is published herewith a table showing the combined cost of the 42 articles of food at average retail prices in Denver and 18 typical cities on October 15, 1930, with comparisons for the same dates in 1929, 1928 and 1927. This table shows that the aggregate cost in Denver was lower than in any of the other cities with which comparisons are made. Denver held the same position among these cities in 1929, 1928 and 1927, thereby showing that the relatively low cost of living in Denver is a normal condition. The same table shows the percentage of increase in the retail cost of food in October, 1930, compared with the same date in 1913. The increase in Denver was 28.6 per cent, the smallest of any of the cities listed, with two exceptions. Of 51 cities included in this compilation by the department of labor, 48 showed a greater increase than Denver and only two showed a smaller increase. Against Denver's increase of 28.6 per cent in the cost of food between October 15, 1913, and the same date in 1930, there are 27 cities which had an increase in excess of 40 per cent.

The average retail prices of bituminous coal, prepared sizes, per ton of 2,000 pounds for household use on October 15, 1930, and the same date in 1929, in typical cities in which the classification of grades are comparable, were as follows:

|                     | 1930    | 1929    |
|---------------------|---------|---------|
| Denver .....        | \$10.29 | \$10.31 |
| Atlanta .....       | 7.47    | 7.78    |
| Birmingham .....    | 7.51    | 7.61    |
| Dallas .....        | 12.58   | 12.83   |
| Kansas City .....   | 6.93    | 7.28    |
| Los Angeles.....    | 16.50   | 16.50   |
| Omaha .....         | 9.79    | 9.67    |
| Pittsburgh .....    | 4.91    | 5.30    |
| Portland, Ore.....  | 13.27   | 13.38   |
| St. Louis.....      | 6.29    | 6.77    |
| Salt Lake City..... | 8.41    | 7.93    |
| Seattle .....       | 10.68   | 10.68   |

Natural gas is used extensively for household purposes in a number of cities and towns of the state. The rates mostly are based on sliding scales and prices depend upon the quantity used. Pueblo and other cities generally have the same rate as Denver. The department of labor computes the net price per 1,000 cubic feet on the basis of a family consumption of 5,000 cubic feet per month. The net price per 1,000 cubic feet on that basis in Denver on December 15, 1930, was 99 cents. This compares with \$1.00 in Atlanta, 75 cents in Cincinnati, 60 cents in Cleveland, 48 cents in Columbus, 79 cents in Dallas, 95 cents in Kansas City, 84 cents in Los Angeles, 45 cents in Louisville, 60 cents in Pittsburgh, 99 cents in Salt Lake City and 97 cents in San Francisco.

The net price per kilowatt-hour for electricity for household use in Denver is 7.0 cents for first 15 kilowatt-hours, 6.0 cents for the next 30 kilowatt-hours, and 5.0 cents for excess of 45 kilowatt-hours. Comparisons with other cities are difficult to make due to many cities having sliding scales based on a variable number of kilowatt-hours payable at each rate.

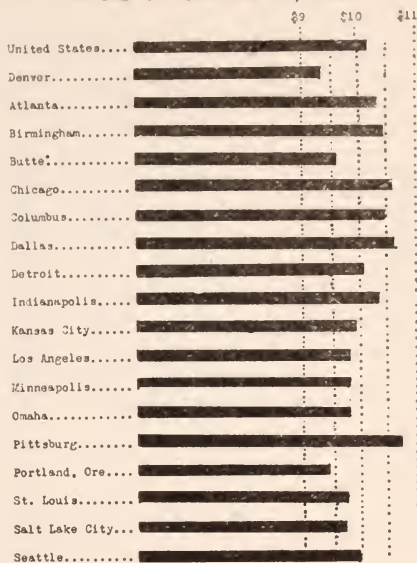
The Colorado industrial commission made a detailed study of changes in the cost of living in Denver covering the period of 1914 to 1926, inclusive. The purpose of this study was to determine the "minimum or comfort-level budget necessary for the theoretical family of five, consisting of the so-called 'wage-earner,' the mother and three children of school age." The estimates were based on the current retail prices of the individual items composing the budget, which were gathered at weekly or monthly intervals. No similar data has been compiled by the commission since 1926. The figures are of value at this time principally as an index of costs of living. Between 1926 and the end of 1930 there was a decrease of 8.9 per cent in the cost of food, clothing, rent, fuel and light, household furnishing goods and miscellaneous items in Denver as reported by the department of labor, and this per cent may be used for the state figures compiled in 1926 by the industrial commission in arriving at approximate costs. The commission reported that the peak in prices was reached in June-July, 1920, in the period from 1914 to 1926, inclusive. Its data covers monthly reports for the period named, from which the follow-

ing yearly averages have been computed:

| Item            | 1914     | 1920       | 1926       |
|-----------------|----------|------------|------------|
| Housing .....   | \$108.00 | \$ 154.24  | \$ 173.40  |
| Car fare.....   | 30.30    | 36.36      | 45.45      |
| Food .....      | 360.49   | 597.32     | 510.35     |
| Clothing .....  | 104.20   | 278.34     | 286.20     |
| Fuel and light. | 33.55    | 56.35      | 54.50      |
| Health .....    | 20.00    | 22.09      | 25.00      |
| Insurance ..... | 22.88    | 22.88      | 22.88      |
| Sundries .....  | 60.00    | 77.58      | 80.00      |
| Totals.....     | \$739.42 | \$1,245.16 | \$1,197.78 |

An accompanying table shows the average retail price of food products in the United States and Denver on October 15, 1930, with comparisons with 1929, 1928, 1926 and 1913. Another table gives the changes in the cost of living in Denver and 12 other cities between December 15, 1917, and the same date in 1930. Another table gives the combined cost of 42 units of food in the United States, Denver and other typical cities on October 15, 1930, 1929, 1928 and 1927, based on the average retail prices. A chart shows the relative cost of food in the same cities on October 15, 1930.

**Relative Aggregate Cost of 42 Units of Food in the United States and 18 Typical Cities Based on Average Retail Prices on October 15, 1930**



\* 41 items only. Oleomargarine not included.

**AGGREGATE COST OF 42 UNITS OF FOOD AT AVERAGE RETAIL PRICES IN THE UNITED STATES AND 18 TYPICAL CITIES ON OCTOBER 15, 1930, WITH COMPARISONS**

(Compiled from U. S. Department of Labor Statistics)

|                     | Percentage Increase Oct., 1930, Compared with 1913 | Aggregate Cost on October 15 |         |         |         |
|---------------------|--|------------------------------|---------|---------|---------|
|                     |  | 1930                         | 1929    | 1928    | 1927    |
| United States.....  | ....   | \$10.21                      | \$10.90 | \$11.10 | \$10.77 |
| Denver .....        | 28.6   | 9.30                         | 9.86    | 10.11   | 9.64    |
| Atlanta .....       | 45.5   | 10.31                        | 11.32   | 11.26   | 11.18   |
| Birmingham .....    | 47.4   | 10.38                        | 11.21   | 11.36   | 10.35   |
| Butte* .....        | ....   | 9.57                         | 10.39   | 10.46   | 10.10   |
| Chicago .....       | 56.5   | 10.60                        | 11.12   | 11.43   | 11.10   |
| Columbus .....      | ....   | 10.46                        | 11.10   | 11.35   | 10.91   |
| Dallas .....        | 42.7   | 10.70                        | 11.58   | 11.69   | 11.34   |
| Detroit .....       | 45.9   | 10.06                        | 10.93   | 11.24   | 11.05   |
| Indianapolis .....  | 41.7   | 10.35                        | 11.11   | 10.97   | 10.64   |
| Kansas City .....   | 39.8   | 9.86                         | 10.59   | 10.69   | 10.35   |
| Los Angeles.....    | 31.9   | 9.79                         | 10.87   | 11.06   | 10.62   |
| Minneapolis .....   | 45.7   | 9.72                         | 10.21   | 10.33   | 9.83    |
| Omaha .....         | 36.6   | 9.67                         | 10.41   | 10.66   | 10.14   |
| Pittsburgh .....    | 46.5   | 10.75                        | 11.60   | 11.85   | 11.48   |
| Portland, Ore.....  | 28.3   | 9.41                         | 10.38   | 10.51   | 10.23   |
| St. Louis.....      | 46.7   | 9.75                         | 10.52   | 10.63   | 10.36   |
| Salt Lake City..... | 24.8   | 9.71                         | 10.35   | 10.47   | 10.08   |
| Seattle .....       | 36.2   | 9.93                         | 10.65   | 10.78   | 10.35   |

\*Oleomargarine is not included in Montana. Average retail price of that commodity should be added for comparative purposes.



**COST OF LIVING IN DENVER**  
Average Retail Price of Food Products (U. S. Department of Labor)

| Article                           | Unit | Average for<br>U. S. on October 15 |      |      |      |      | Average for<br>Denver on October 15 |      |      |      |      |
|-----------------------------------|------|------------------------------------|------|------|------|------|-------------------------------------|------|------|------|------|
|                                   |      | 1913                               | 1926 | 1928 | 1929 | 1930 | 1913                                | 1926 | 1928 | 1929 | 1930 |
| Sirloin steak-----                | lb.  | Cts.                               | Cts. | Cts. | Cts. | Cts. | Cts.                                | Cts. | Cts. | Cts. | Cts. |
| Round steak-----                  | "    | 25.7                               | 41.5 | 50.3 | 50.3 | 44.5 | 23.9                                | 33.6 | 43.1 | 42.1 | 36.4 |
| Rib roast-----                    | "    | 23.1                               | 36.0 | 44.6 | 44.5 | 39.3 | 21.4                                | 30.2 | 39.9 | 37.4 | 33.1 |
| Chuck roast-----                  | "    | 20.0                               | 30.5 | 36.8 | 37.0 | 32.5 | 17.8                                | 24.0 | 31.7 | 30.1 | 28.3 |
| Plate beef-----                   | "    | 16.4                               | 22.8 | 30.2 | 30.0 | 25.4 | 15.8                                | 12.5 | 27.2 | 26.1 | 22.8 |
|                                   | "    | 12.3                               | 14.6 | 20.8 | 21.0 | 17.2 | 10.0                                | 11.1 | 17.5 | 17.1 | 14.2 |
| Pork chops-----                   | "    | 22.6                               | 42.6 | 37.6 | 38.9 | 37.9 | 20.8                                | 40.6 | 36.5 | 38.4 | 36.9 |
| Bacon-----                        | "    | 27.8                               | 51.7 | 45.3 | 43.7 | 42.6 | 28.0                                | 53.3 | 44.9 | 42.2 | 41.3 |
| Ham (sliced)-----                 | "    | 27.6                               | 59.8 | 55.6 | 55.1 | 53.1 | 31.7                                | 60.8 | 54.5 | 53.3 | 52.6 |
| Lamb-----                         | "    | 18.4                               | 38.3 | 38.8 | 38.5 | 32.8 | 14.6                                | 35.8 | 36.6 | 36.1 | 28.9 |
| Hens-----                         | "    | 21.2                               | 37.6 | 37.9 | 38.4 | 33.8 | 19.4                                | 29.8 | 31.6 | 31.3 | 26.2 |
| Salmon, canned*-----              | "    | ---                                | 35.6 | 32.6 | 31.9 | 34.0 | ---                                 | 34.5 | 33.6 | 33.2 | 33.8 |
| Milk, fresh-----                  | qt.  | 9.0                                | 14.0 | 14.2 | 14.4 | 14.0 | 8.4                                 | 12.0 | 12.0 | 12.0 | 11.3 |
| Milk, evaporated-----             | †    | ---                                | 11.4 | 11.3 | 10.6 | 9.9  | ---                                 | 10.7 | 10.7 | 9.9  | 9.9  |
| Butter-----                       | lb.  | 38.2                               | 54.3 | 57.5 | 55.7 | 47.8 | 39.0                                | 49.0 | 52.5 | 49.3 | 42.9 |
| Oleomargarine-----                | "    | ---                                | 30.2 | 27.6 | 27.0 | 25.0 | ---                                 | 29.0 | 25.0 | 24.5 | 23.2 |
| Cheese-----                       | "    | 22.4                               | 36.7 | 38.8 | 37.9 | 34.2 | 26.1                                | 37.4 | 40.7 | 39.0 | 36.1 |
| Lard-----                         | "    | 16.0                               | 21.9 | 19.5 | 18.3 | 17.7 | 16.1                                | 22.6 | 19.6 | 18.4 | 17.5 |
| Vegetable lard<br>substitute----- | "    | ---                                | 25.7 | 24.9 | 24.7 | 24.1 | ---                                 | 24.3 | 21.8 | 20.9 | 20.3 |
| Eggs, strictly fresh-----         | doz. | 41.6                               | 58.1 | 54.2 | 58.0 | 44.8 | 37.1                                | 55.6 | 49.9 | 53.3 | 40.0 |
| Bread-----                        | lb.  | 5.6                                | 9.4  | 9.1  | 8.9  | 8.6  | 5.5                                 | 8.3  | 7.7  | 7.6  | 7.2  |
| Flour-----                        | "    | 3.3                                | 5.7  | 5.2  | 5.2  | 4.3  | 2.6                                 | 4.5  | 4.0  | 3.9  | 3.2  |
| Corn meal-----                    | "    | 3.1                                | 5.1  | 5.3  | 5.3  | 5.3  | 2.6                                 | 4.0  | 4.5  | 4.6  | 4.7  |
| Rolled oats-----                  | "    | ---                                | 9.1  | 8.9  | 8.8  | 8.6  | ---                                 | 8.3  | 7.5  | 7.6  | 7.5  |
| Corn flakes-----                  | ‡    | ---                                | 10.9 | 9.5  | 9.5  | 9.3  | ---                                 | 11.1 | 9.5  | 9.5  | 9.7  |
| Wheat cereal-----                 | \$   | ---                                | 25.4 | 25.6 | 25.5 | 25.4 | ---                                 | 24.9 | 24.6 | 24.6 | 24.7 |
| Macaroni-----                     | lb.  | ---                                | 20.2 | 19.7 | 19.7 | 19.1 | ---                                 | 19.7 | 19.4 | 19.4 | 19.7 |
| Rice-----                         | "    | 8.1                                | 11.6 | 9.9  | 9.7  | 9.5  | 8.6                                 | 10.6 | 8.9  | 8.9  | 9.0  |
| Beans, navy-----                  | "    | ---                                | 9.1  | 12.5 | 14.2 | 11.3 | ---                                 | 9.6  | 11.4 | 13.1 | 9.9  |
| Potatoes-----                     | "    | 1.8                                | 3.8  | 2.2  | 3.8  | 3.1  | 1.4                                 | 3.3  | 1.5  | 3.0  | 2.6  |
| Onions-----                       | "    | ---                                | 5.0  | 6.1  | 5.3  | 4.2  | ---                                 | 3.7  | 4.7  | 4.4  | 3.8  |
| Cabbage-----                      | "    | ---                                | 4.0  | 4.3  | 4.5  | 3.6  | ---                                 | 2.4  | 2.1  | 3.5  | 2.3  |
| Beans, baked-----                 |      | ---                                | 11.7 | 11.6 | 11.7 | 10.8 | ---                                 | 11.4 | 11.4 | 11.6 | 10.7 |
| Corn, canned-----                 | "    | ---                                | 16.3 | 15.8 | 15.8 | 15.2 | ---                                 | 14.8 | 13.9 | 14.1 | 14.4 |
| Peas, canned-----                 | "    | ---                                | 17.4 | 16.7 | 16.7 | 16.0 | ---                                 | 15.8 | 15.0 | 15.3 | 15.3 |
| Tomatoes, canned-----             | "    | ---                                | 12.1 | 11.8 | 12.6 | 12.1 | ---                                 | 12.1 | 11.8 | 12.9 | 12.8 |
| Sugar, granulated-----            | lb.  | 5.5                                | 7.2  | 6.9  | 6.7  | 5.8  | 5.4                                 | 7.6  | 7.3  | 7.4  | 6.4  |
| Tea-----                          | "    | 54.5                               | 77.3 | 77.3 | 77.6 | 77.1 | 52.8                                | 69.3 | 70.0 | 68.7 | 71.9 |
| Coffee-----                       | "    | 29.7                               | 50.9 | 49.6 | 49.1 | 39.1 | 29.4                                | 51.0 | 51.0 | 50.1 | 41.6 |
| Prunes-----                       | "    | ---                                | 16.9 | 13.8 | 17.1 | 14.5 | ---                                 | 18.3 | 14.4 | 19.6 | 15.3 |
| Raisins-----                      | "    | ---                                | 14.8 | 12.4 | 12.2 | 11.7 | ---                                 | 14.5 | 11.0 | 12.1 | 11.5 |
| Oranges-----                      | doz. | ---                                | 56.0 | 64.3 | 44.9 | 66.8 | ---                                 | 50.3 | 62.0 | 37.2 | 61.5 |
| Bananas-----                      | "    | ---                                | 34.9 | 33.1 | 32.4 | 29.4 | ---                                 | ---  | 10.8 | 11.1 | 8.4  |

\*Both pink and red.

†15-16-ounce can.

‡8-ounce package.

§28-ounce package.

||No. 2 can.

‡Per lb.

**CHANGES IN COST OF LIVING IN 13 CITIES, DECEMBER, 1917, TO DECEMBER, 1930**

(Department of Labor)

| City               | Per Cent of Increase Over December, 1917, in Expenditures for |          |      |                |                        |               |           |
|--------------------|---|----------|------|----------------|------------------------|---------------|-----------|
|                    | Food  | Clothing | Rent | Fuel and Light | House Furnishing Goods | Miscellaneous | All Items |
| Denver .....       | *19.9   | 5.5      | 47.8 | 27.4           | 12.4                   | 37.6          | 9.7       |
| Atlanta .....      | *13.1   | *6.4     | 30.8 | 11.6           | 8.0                    | 30.5          | 4.5       |
| Birmingham .....   | *14.0   | *9.1     | 23.5 | 38.5           | 2.7                    | 25.1          | 3.8       |
| Cincinnati .....   | *8.0  | *8.7     | 52.8 | 69.7           | 8.7                    | 40.4          | 16.6      |
| Indianapolis ..... | *14.2   | *1.6     | 23.9 | 30.2           | 5.6                    | 50.4          | 10.8      |
| Kansas City .....  | *15.8   | 1.0      | 19.8 | 22.0           | *1.1                   | 44.3          | 7.7       |
| Memphis .....      | *19.2   | *2.4     | 35.8 | 57.9           | 10.7                   | 38.8          | 10.4      |
| Minneapolis .....  | *9.4  | *4.4     | 23.5 | 39.9           | 7.8                    | 37.0          | 10.6      |
| New Orleans .....  | *15.0   | .1       | 45.3 | 14.4           | 10.2                   | 40.5          | 10.2      |
| Pittsburgh .....   | *13.4   | *3.9     | 63.7 | 84.4           | 6.6                    | 47.5          | 15.2      |
| Richmond .....     | *14.9   | 2.0      | 25.5 | 42.0           | 26.6                   | 41.0          | 9.3       |
| St. Louis .....    | *14.9   | *1.4     | 59.5 | 29.1           | 15.4                   | 42.1          | 13.9      |
| Scranton .....     | *8.1  | 10.7     | 59.1 | 66.1           | 29.9                   | 56.8          | 19.5      |

\*Denotes decrease.

## Insurance

THE development of insurance of all kinds in Colorado can be traced with accuracy through the reports of the state insurance commissioner. Owing to the varying reports filed by the companies operating in the state, it is impossible to give the gross amount of insurance in force at any particular time, but the reports of annual premiums and losses paid present a fair view of the situation. The growth of ordinary life insurance is shown by a comparison of the number of policies in force and the aggregate risk. There were 2,237 such policies in force in 1882, covering an aggregate risk of \$7,120,297. At the end of 1930 there were 682,492 policies in force, and the aggregate risks amounted to \$875,969,130.

There were 622 companies, associations, exchanges and societies operating in Colorado on December 31, 1930, compared with 524 on the same date in 1927, classified as follows:

|                                      | 1927       | 1930       |
|--------------------------------------|------------|------------|
| Fire and marine (stock).....         | 237        | 268        |
| Fire and marine (mutual)....         | 26         | 32         |
| Life—legal reserve .....             | 89         | 99         |
| Casualty and miscellaneous...        | 91         | 143        |
| County mutual fire and hail.         | 5          | 5          |
| Assessment life.....                 | 1          | ...        |
| Assessment health and accident ..... | 3          | 5          |
| Reciprocal exchanges.....            | 22         | 21         |
| Fraternal societies.....             | 50         | 49         |
| <b>Totals.....</b>                   | <b>524</b> | <b>622</b> |

Premiums received by these companies from Colorado business in 1930 amounted to \$33,529,413, which compares with \$48,089,054 in 1929 and \$38,176,452 in 1927. Losses paid in 1930 amounted to \$16,319,541, which compares with \$15,485,623 in 1929 and \$11,538,749 in 1927.

Losses paid by all companies from 1882 to 1930, inclusive, aggregated \$252,874,168 as follows:

| Class                          | Period    | Amount               |
|--------------------------------|-----------|----------------------|
| Fire and marine...             | 1882-1930 | \$ 66,960,267        |
| Life—legal reserve.....        | 1882-1930 | 107,917,491          |
| Casualty, etc.....             | 1882-1930 | 39,821,447           |
| County mutual .....            | 1910-1930 | 612,206              |
| Assessment life.....           | 1893-1929 | 3,732,820            |
| Reciprocal .....               | 1916-1930 | 1,119,583            |
| Colorado assessment hail ..... | 1921-1927 | 483,033              |
| Foreign assessment hail .....  | 1910-1925 | 1,143,333            |
| Fraternal .....                | 1916-1930 | 31,083,988           |
| <b>Total.....</b>              |           | <b>\$252,874,168</b> |

The following table shows premium receipts and loss payments by all of the companies operating in the state, as shown by their reports for various dates 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    |
|                      | 1924 | 6,573,031  | 3,062,025  |
|                      | 1925 | 7,005,632  | 3,225,868  |
|                      | 1926 | 7,439,471  | 2,853,858  |
|                      | 1927 | 7,237,788  | 3,129,880  |
|                      | 1928 | 6,919,719  | 2,622,770  |
|                      | 1929 | 6,850,251  | 2,404,199  |
|                      | 1930 | 6,423,428  | 2,789,064  |

| Nature of Insurance                 |  | Year | Premiums   | Losses    |
|-------------------------------------|--|------|------------|-----------|
| Legal Reserve Life                  |  | 1882 | \$ 115,160 | \$ 75,193 |
|                                     |  | 1900 | 2,298,432  | 790,922   |
|                                     |  | 1924 | 16,583,309 | 4,640,777 |
|                                     |  | 1925 | 18,525,284 | 4,968,856 |
|                                     |  | 1926 | 20,237,140 | 5,506,278 |
|                                     |  | 1927 | 21,680,094 | 6,702,442 |
|                                     |  | 1928 | 23,333,505 | 7,564,023 |
|                                     |  | 1929 | 25,345,538 | 7,547,786 |
|                                     |  | 1930 | 26,517,099 | 8,302,497 |
| Casualty, Fidelity and Surety       |  | 1882 | 41,656     | 21,073    |
|                                     |  | 1900 | 509,970    | 291,517   |
|                                     |  | 1924 | 4,998,581  | 2,398,773 |
|                                     |  | 1925 | 5,393,390  | 2,662,455 |
|                                     |  | 1926 | 5,508,630  | 2,743,259 |
|                                     |  | 1927 | 5,960,900  | 2,404,142 |
|                                     |  | 1928 | 5,968,870  | 2,622,985 |
|                                     |  | 1929 | 6,593,712  | 2,842,452 |
|                                     |  | 1930 | 6,462,038  | 2,965,108 |
| Assessment Life Health and Accident |  | 1893 | 215,076    | 220,647   |
|                                     |  | 1900 | 145,782    | 64,008    |
|                                     |  | 1924 | 147,616    | 81,688    |
|                                     |  | 1925 | 185,991    | 115,343   |
|                                     |  | 1926 | 170,318    | 101,120   |
|                                     |  | 1927 | 190,064    | 100,086   |
|                                     |  | 1928 | 198,811    | 110,559   |
|                                     |  | 1929 | 127,686    | 80,548    |
|                                     |  | 1930 | 121,960    | 64,377    |
| Reciprocal Fire and Casualty        |  | 1916 | 24,649     | 1,626     |
|                                     |  | 1924 | 381,927    | 57,353    |
|                                     |  | 1925 | 433,158    | 77,470    |
|                                     |  | 1926 | 437,501    | 90,668    |
|                                     |  | 1927 | 439,173    | 90,590    |
|                                     |  | 1928 | 437,753    | 116,348   |
|                                     |  | 1929 | 249,377    | 103,612   |
|                                     |  | 1930 | 997,721    | 96,637    |
| Fraternal                           |  | 1916 | 1,828,389  | 1,511,741 |
|                                     |  | 1924 | 2,512,753  | 2,007,089 |
|                                     |  | 1925 | 2,598,537  | 2,015,467 |
|                                     |  | 1926 | 2,610,670  | 2,039,578 |
|                                     |  | 1927 | 2,617,822  | 2,294,747 |
|                                     |  | 1928 | 2,636,708  | 2,765,132 |
|                                     |  | 1929 | 2,834,545  | 2,483,308 |
|                                     |  | 1930 | 2,946,660  | 2,034,418 |
| County Mutual Fire                  |  | 1910 | 3,070      | 261       |
|                                     |  | 1924 | 38,213     | 59,792    |
|                                     |  | 1925 | *72,040    | *62,373   |
|                                     |  | 1926 | *52,979    | *58,864   |
|                                     |  | 1927 | *49,338    | 48,272    |
|                                     |  | 1928 | 53,164     | 33,724    |
|                                     |  | 1929 | 37,941     | 23,713    |
|                                     |  | 1930 | 60,457     | 67,490    |
| 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.

### STATE HAIL INSURANCE

The state of Colorado, through a legislative enactment, put into effect in 1929 a law creating a state hail insurance department, which insures farmers against losses by hail. The department is in charge of a commissioner and under the supervision of a board of three members appointed by the governor. Insurance on crops is written by county assessors, their dep-

uties and local representatives. The farmer pays no fee for the writing of the insurance and the only fee connected with the service is the payment of one dollar by the department for each policy written. Insurance rates are based on the class of crops insured and the location of the land.

The time limit of insurance is from May 15 to August 15 for fall wheat, rye, barley and canning peas; from June 1 to September 1 on spring small grain other than barley; from June 15 to September 15 on beans, corn, potatoes, alfalfa, sugar beets, broom corn, cabbage, tomatoes, onions and cucumbers, and from June 20 to September 20 for all crops grown in altitudes above 6,000 feet.

Crops which may be insured are divided into two classes. Class A, which takes the lower rate, includes wheat, oats, emmer, speltz, corn, alfalfa, potatoes, broom corn, sorghums, flax and millet. Class B, which takes the higher rate, includes barley, rye, peas and beans, tomatoes, cabbage, onions and cucumbers.

The maximum amount of insurance permitted under the policy is \$7 per acre on non-irrigated land and \$15 per acre on irrigated land, except that garden or canning peas and beans, cabbages, tomatoes and cucumbers may be insured up to \$25 per acre. The maximum amount of insurance which may be carried by any one person in any one section is \$2,000. The rates vary from 10 per cent on Class A crops and 15 per cent on Class B crops down to three and five per cent, depending upon the location of the counties in which the crops are insured.

In 1929 and 1930 a total of 343,455 acres of crop was insured.

Net insurance written by years is as follows:

| Year | Amount        |
|------|---------------|
| 1929 | \$ 545,181.88 |
| 1930 | 1,426,041.06  |

The farmer may pay the premium on his insurance in cash or it may be levied as a tax on his land, payable on January 1 of the year following. The net hail tax collected, by years, was as follows:

| Year | Amount       |
|------|--------------|
| 1929 | \$ 57,495.47 |
| 1930 | 146,429.44   |

Net losses paid, by years, were as follows:

| Year | Amount       |
|------|--------------|
| 1929 | \$ 26,045.03 |
| 1930 | 65,335.68    |



## Colorado Mortality Statistics

THERE were 12,865 deaths from all causes in Colorado in 1929 reported to the state health department. This compares with 14,077 in 1928 and 13,082 in 1927. In 1928, the latest year in which final and comparative figures of the United States bureau of the census are available, the largest number of deaths from any single cause was from diseases of the heart, the total being 1,861. This compares with 1,612 in 1927 and 1,385 in 1925 from the same cause. Tuberculosis in all forms took second place with a total of 1,415 deaths, which compared with 1,492 in 1927 and 1,495 in 1925. Accompanying tables give the principal causes of death and also the death rate by causes. Deaths by suicide, homicide and by accidents are reported under separate heads in this chapter.

Colorado's death rate per 1,000 population in 1928, as reported by the census bureau, was 12.9, compared with 12.2 in 1927 and 11.6 in 1926. In 1927, the latest year for which comparative figures are available, the death rate per 1,000 population in the 42 states comprising the registration area was 11.4 and in 1926 was 13.0 per 1,000 population. There were 11 states in the registration area with a higher death rate in 1927 than Colorado and 30 with a lower rate. The bureau points out, however, that crude death rates by no means tell the whole story regarding the healthfulness of different localities. 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 that must be considered before it can be determined that one state is more healthful than another. It is apparent that Colorado, being a state that attracts thousands of tourists and healthseekers, is affected by a large percentage of non-resident deaths, and this undoubtedly is the cause of the state's comparatively high rate for certain classes of diseases, such as tuberculosis and pneumonia. The refined rate for Colorado in 1925, a rate based on the death of residents only, whether they died in Colorado or some other state, was 11.9 per 1,000 population, or only one-tenth of one per cent higher than for the entire registration area.

The following table shows the num-

ber of deaths from all causes in Colorado by years and the rate per 1,000 population for Colorado and the registration area:

| Year       | Number | Rate  |      |
|------------|--------|-------|------|
|            |        | Colo. | Area |
| 1920 ..... | .....  | 14.4  | 13.1 |
| 1922 ..... | 13,216 | 13.3  | 11.8 |
| 1923 ..... | 12,259 | 12.5  | 12.3 |
| 1924 ..... | 12,522 | 12.6  | 11.8 |
| 1925 ..... | 12,549 | 12.0  | 11.8 |
| 1926 ..... | 12,260 | 11.6  | 12.2 |
| 1927 ..... | 13,082 | 12.2  | 11.4 |
| 1928 ..... | 14,077 | 12.9  | ...  |

The number of deaths, distribution and rate per 1,000 population in 1925 and 1927 for Colorado were as follows:

|               | 1925   |      | 1927   |      |
|---------------|--------|------|--------|------|
|               | Number | Rate | Number | Rate |
| White .....   | 12,176 | 11.9 | 12,739 | 12.0 |
| Colored ..... | 373    | 24.2 | 343    | 22.6 |
| Total .....   | 12,549 | 12.1 | 13,082 | 12.2 |
| Urban .....   | 5,908  | 15.2 | 5,969  | 14.9 |
| Rural .....   | 6,641  | 10.2 | 7,113  | 10.6 |
| Total .....   | 12,549 | 12.1 | 13,082 | 12.2 |

The months in which the largest number of deaths in the state occurred in 1927 were January, 1,240; December, 1,178, and March, 1,175. The months in which the smallest number occurred were July, 952, and October, 998. The ages at which the deaths occurred were as follows:

|                         |       |
|-------------------------|-------|
| Under 1 year.....       | 1,710 |
| 65 to 69 years.....     | 1,050 |
| 70 to 74 years.....     | 1,010 |
| 75 to 79 years.....     | 923   |
| 60 to 64 years.....     | 883   |
| 55 to 59 years.....     | 757   |
| 50 to 54 years.....     | 640   |
| 1 to 4 years.....       | 636   |
| 80 to 84 years.....     | 633   |
| 35 to 39 years.....     | 612   |
| 30 to 34 years.....     | 598   |
| 45 to 49 years.....     | 589   |
| 40 to 44 years.....     | 587   |
| 25 to 29 years.....     | 553   |
| 20 to 24 years.....     | 493   |
| 15 to 19 years.....     | 363   |
| 85 to 89 years.....     | 337   |
| 5 to 9 years.....       | 307   |
| 10 to 14 years.....     | 243   |
| 90 to 94 years.....     | 109   |
| 95 to 99 years.....     | 27    |
| 100 years and over..... | 6     |
| Age unknown.....        | 16    |

Total deaths .....13,082

An accompanying table shows the death rate per 100,000 population in Colorado for the years 1921 to 1928, inclusive, with comparative rates for the registration area of the United States for 1925 and 1927.

The number of deaths from various causes and the totals for 1927 and 1928, were as follows:

| Cause <sup>1</sup>   | 1927  | 1928  | Cause   | 1927  | 1928  |
|--|-------|-------|---|-------|-------|
| Typhoid and paratyphoid fever  | 77    | 42    | Nephritis   | 789   | 875   |
| Malaria  | 1     | 2     | Puerperal septicemia  | 98    | 82    |
| Smallpox   | 3     | 1     | Puerperal causes other than puerperal septicemia  | 110   | 102   |
| Measles  | 136   | 54    | Congenital malformations and diseases of early infancy                                    | 757   | 790   |
| Scarlet fever  | 63    | 48    | Suicide   | 166   | 184   |
| Whooping cough   | 57    | 121   | Homicide  | 59    | 61    |
| Diphtheria   | 98    | 41    | Accidental and unspecified external causes  | 926   | 917   |
| Influenza  | 432   | 1,135 | Burns (conflagration excepted)  | 34    | 54    |
| Dysentery  | 29    | 17    | Accidental drowning   | 65    | 66    |
| Erysipelas   | 47    | 52    | Accidental shooting   | 44    | 39    |
| Acute anterior poliomyelitis   | 15    | 28    | Accidental falls  | 123   | 150   |
| Lethargic encephalitis   | 15    | 15    | Mine accidents  | 77    | 53    |
| Meningococcus meningitis   | 48    | 138   | Machinery accidents   | 25    | 20    |
| Tuberculosis (all forms)   | 1,492 | 1,415 | Railroad accidents  | 78    | 58    |
| Of the respiratory system  | 1,398 | 1,321 | Collision with automobiles  | 22    | 15    |
| Of the meninges, central nervous system                              | 29    | 32    | Other railroad accidents  | 56    | 43    |
| Other forms  | 65    | 62    | Street car accidents  | 6     | 8     |
| Syphilis <sup>2</sup>  | 144   | 148   | Collision with automobile   | ..    | ..    |
| Cancer and other malignant tumors                                    | 1,004 | 1,017 | Other street car accidents  | 6     | 8     |
| Rheumatism   | 47    | 43    | Automobile accidents (excluding collision with railroad trains and street cars)           | 234   | 221   |
| Pellagra   | 2     | 3     | Injuries by vehicles other than railroad trains, street cars and automobiles <sup>3</sup> | 29    | 35    |
| Diabetes mellitus  | 132   | 186   | Excessive heat (burns excepted)   | ..    | ..    |
| Meningitis (nonepidemic)   | 51    | 50    | Other external causes   | 211   | 213   |
| Cerebral hemorrhage and softening                                    | 842   | 888   | All other defined causes  | 1,285 | 1,214 |
| Paralysis without specific cause                                     | 45    | 28    | Unknown or ill-defined causes   | 51    | 52    |
| Diseases of the heart  | 1,612 | 1,861 |   |       |       |
| Diseases of the arteries, atheroma, aneurism, etc.                   | 261   | 239   |   |       |       |
| Bronchitis   | 44    | 45    |   |       |       |
| Pneumonia (all forms)  | 1,068 | 1,269 |   |       |       |
| Respiratory diseases other than bronchitis and pneumonia (all forms) | 133   | 155   |   |       |       |
| Diarrhea and enteritis   | 438   | 343   |   |       |       |
| Diarrhea and enteritis (under 2 years)                               | 366   | 269   |   |       |       |
| Diarrhea and enteritis (2 years and over)                            | 72    | 74    |   |       |       |
| Appendicitis and typhlitis   | 282   | 250   |   |       |       |
| Hernia, intestinal obstruction                                       | 155   | 116   |   |       |       |
| Cirrhosis of the liver   | 68    | 50    |   |       |       |

<sup>1</sup>Exclusive of stillbirths.<sup>2</sup>Includes tabes dorsalis (locomotor ataxia) and general paralysis of the insane.<sup>3</sup>Includes airplane, balloon and motorcycle accidents.

### DEATH RATE PER 100,000 POPULATION (Compiled from Census Reports)

| Cause of Death                      | Colorado |       |       |       |       |       |       |       | Registration Area |       |
|-------------------------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------------------|-------|
|                                     | 1921     | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1925              | 1927  |
| Typhoid and paratyphoid fever       | 10.1     | 11.4  | 10.5  | 6.7   | 8.8   | 5.9   | 7.2   | 3.9   | 7.9               | 5.5   |
| Malaria                             | —        | 0.2   | —     | —     | 0.2   | 0.3   | 0.3   | 0.2   | 2.1               | 2.7   |
| Smallpox                            | 4.7      | 27.8  | 1.6   | —     | —     | 0.1   | 0.3   | 0.1   | 0.7               | 0.1   |
| Measles                             | 8.4      | 0.7   | 9.8   | 21.5  | 0.8   | 1.2   | 12.7  | 5.0   | 2.3               | 4.1   |
| Scarlet fever                       | 5.9      | 5.4   | 4.2   | 4.4   | 2.9   | 2.1   | 5.9   | 4.4   | 2.7               | 2.3   |
| Whooping cough                      | 10.2     | 6.0   | 10.5  | 6.5   | 9.9   | 17.2  | 5.3   | 11.1  | 6.7               | 6.9   |
| Diphtheria                          | 24.8     | 27.4  | 23.9  | 15.6  | 14.3  | 9.2   | 9.1   | 3.8   | 7.8               | 7.8   |
| Influenza and pneumonia (all forms) | 180.4    | 191.0 | 166.2 | 156.7 | 157.3 | 154.5 | 139.6 | 220.2 | 123.1             | 102.7 |
| Tuberculosis (all forms)            | 184.6    | 183.3 | 168.5 | 163.1 | 152.4 | 144.2 | 139.2 | 129.8 | 86.6              | 80.8  |
| Cancer and other malignant tumors   | 74.7     | 73.8  | 85.9  | 83.3  | 86.7  | 82.1  | 93.5  | 93.3  | 92.6              | 95.6  |
| Diabetes mellitus                   | 14.3     | 14.6  | 13.1  | 9.9   | 10.2  | 13.4  | 12.3  | 17.1  | 16.9              | 17.5  |
| Alcoholism                          | 3.2      | 4.2   | 3.7   | 2.9   | 1.7   | 2.3   | 2.4   | —     | 3.6               | 4.0   |
| Cirrhosis of the liver              | 5.6      | 6.4   | 5.4   | 6.2   | 4.7   | 4.8   | 6.3   | 4.6   | 7.3               | 7.5   |
| Diseases of the heart               | 122.6    | 138.5 | 126.0 | 126.5 | 133.3 | 142.7 | 150.1 | 170.7 | 185.5             | 195.7 |
| Pneumonia (all forms)               | 110.5    | 131.7 | 112.2 | 122.5 | 101.2 | 98.5  | 99.4  | 116.4 | 93.5              | 80.5  |
| Diarrhea and enteritis              | 41.5     | 43.6  | 41.1  | 38.4  | 46.3  | 29.5  | 34.1  | 31.5  | 31.5              | 20.2  |
| Acute and chronic nephritis         | 68.8     | 78.4  | 70.7  | 76.3  | 71.6  | 72.1  | 73.5  | 80.3  | 90.3              | 95.0  |
| Old age                             | 14.4     | 14.1  | 10.6  | 10.6  | 11.5  | 13.0  | 13.5  | —     | 12.0              | 10.6  |
| Suicide                             | 14.8     | 18.0  | 14.2  | 16.3  | 17.4  | 14.7  | 15.5  | 16.9  | 12.1              | 13.3  |
| Homicide                            | 11.8     | 11.7  | 9.2   | 10.0  | 8.1   | 6.6   | 5.5   | 5.6   | 8.6               | 8.7   |
| Automobile accidents                | 12.6     | 16.3  | 15.9  | 15.7  | 14.0  | 16.5  | 21.8  | 20.3  | 17.0              | 19.5  |
| Unknown or ill-defined diseases     | 2.6      | 4.5   | 2.9   | 4.6   | 0.3   | 2.4   | 4.7   | 4.8   | 17.8              | 17.6  |

# DEATHS FROM AUTOMOBILE ACCIDENTS

Deaths from automobile accidents in Colorado in 1929 were 264, exclusive of collisions with railroad trains and street cars, an increase of 43 compared with 1928, and an increase of 30 over 1927. Deaths where automobiles come into collision with railroad trains and street cars are listed under railroad accidents. There were 22 deaths in 1927 and 15 in 1928 in railroad collisions with automobiles and none in street car collisions. The number of deaths and rates per 100,000 population in Colorado and the registration area by years are as follows:

| Year | No. | Rate  |      |
|------|-----|-------|------|
|      |     | Colo. | Area |
| 1918 | 120 | 13.1  | 9.3  |
| 1919 | 118 | 12.7  | 9.4  |
| 1920 | 117 | 12.4  | 10.4 |
| 1921 | 121 | 12.6  | 11.5 |
| 1922 | 159 | 16.3  | 12.5 |
| 1923 | 157 | 15.9  | 14.9 |
| 1924 | 158 | 15.7  | 15.7 |
| 1925 | 146 | 14.0  | 17.0 |
| 1926 | 175 | 16.5  | 17.9 |
| 1927 | 234 | 21.8  | 19.5 |
| 1928 | 221 | 20.3  | ...  |
| 1929 | 264 | ...   | ...  |

## DEATHS BY SUICIDE

Deaths by suicide in Colorado average around 164 each year, the variation from the average being less than thirty in any year since 1922. There were 158 deaths from that cause in the state in 1929, according to the reports of the state health department, that number being 20 less than in 1928, the highest in the eight years, and 27 more than in 1923, when the lowest number was reported.

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 state board of health and the bureau of the census:

| Year | No. | Rate  |      |
|------|-----|-------|------|
|      |     | Colo. | Area |
| 1913 | ... | 22.1  | 15.8 |
| 1914 | ... | 19.2  | 16.6 |
| 1915 | ... | 18.8  | 16.7 |
| 1916 | ... | 13.3  | 14.2 |
| 1917 | ... | 13.7  | 13.4 |
| 1918 | ... | 14.6  | 12.2 |
| 1919 | ... | 14.2  | 11.4 |
| 1920 | ... | 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 | 16.9  | ...  |
| 1929 | 158 | ...   | ...  |

Note—Comparative figures for 1928 and 1929 have not yet been published.

The largest number of deaths in 1925 and 1927 by suicide were of persons between the ages of 35 and 44 years. The number in 1925 was 41 out of the total of 181, and in 1927 was 36 out of a total of 166. The next largest number were of ages between 45 and 54 years, there being 29 of those ages in 1925 and 35 in 1927. Principal methods of committing suicide were as follows:

|                                    | 1925 | 1927 |
|------------------------------------|------|------|
| By poison                          | 22   | 13   |
| By corrosive substances            | 12   | 21   |
| By poisonous gas                   | 19   | 19   |
| By hanging or strangulation        | 17   | 12   |
| By drowning                        | 7    | 4    |
| By firearms                        | 88   | 85   |
| By cutting or piercing instruments | 9    | 8    |
| By jumping from high places        | 2    | ..   |
| By crushing                        | 2    | 2    |
| By other causes                    | 3    | 2    |
|                                    | 181  | 166  |

## HOMICIDE DEATHS

Deaths from homicide in Colorado in 1929 were 87, an increase of 28 compared with the number in 1928 and a decrease of 27 compared with 1922, the highest in the past eight years. The figures are those reported by the state health department and the United States census bureau. The term "homicide" as here used includes murder, manslaughter, justifiable homicide and incendiarism, but not legal executions. In connection with preventive measures it is noted that 66 out of the 84 homicides in 1925 were by firearms. This is equal to 78.5 per cent of the total. Four were by cutting or piercing instruments and 14 by other means.

In 1927, 46 out of the 59 homicides, or 93.8 per cent, were by firearms, five were by cutting or piercing instruments and eight by other means.

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  |
| 1918 | ... | 7.5   | 6.8  |
| 1919 | ... | 10.6  | 7.5  |
| 1920 | ... | 9.2   | 7.1  |
| 1921 | ... | 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   | 8.6  |
| 1927 | 59  | 5.5   | 8.7  |
| 1928 | 59  | 5.6   | ...  |
| 1929 | 87  | ...   | ...  |



## 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.

The following table shows the death rate per 100,000 population in Colorado from alcoholism by years, with comparative rate for the registration area of the United States.

| Year | Colorado | Reg. Area |
|------|----------|-----------|
| 1914 | 8.3      | 4.9       |
| 1915 | 7.2      | 4.4       |
| 1916 | 3.0      | 5.8       |
| 1917 | 2.3      | 5.2       |
| 1918 | 1.4      | 2.7       |
| 1919 | 0.8      | 1.6       |
| 1920 | 0.7      | 1.0       |
| 1921 | 3.2      | 1.8       |
| 1922 | 4.2      | 2.6       |
| 1923 | 3.7      | 3.2       |
| 1924 | 2.9      | 3.2       |
| 1925 | 1.7      | 3.6       |
| 1926 | 2.3      | 3.9       |
| 1927 | 2.4      | 4.0       |

Death rate from cirrhosis of the liver for Colorado was 4.6 per cent in 1928.

## PRISONERS AND CRIME CONDITIONS

The absence of any uniform system for compiling statistics on crime conditions makes it almost impossible to prepare data of any practical value. This is due to several causes. Crime detection and punishment is handled by a variety of agencies, including federal, state, county and municipal authorities, and the lack of any central agency to eliminate duplications, report upon disposition of prisoners and to classify the crimes imposes a problem that has not been solved satisfactorily. A single prisoner may be charged with several offenses and may be tried in courts of different jurisdictions. One agency may compile records principally of offenses reported, another of convictions secured and a third upon an entirely different basis,

and these cannot be harmonized for comparative purposes. The survey presented here is confined principally to prisoners received in the county jails of the state. Some additional information is given in another chapter on the state penitentiary and reform institutions.

There were received in the county jails of the state during the year ending November 30, 1930, a total of 10,934 prisoners, of which 10,115 were male and 819 were female. This was an increase of 348 over the number received in the preceding year, an increase of 267 over the number received in 1928 and an increase of 473 over the number received in 1927. The number of prisoners in the jails at the end of the fiscal year was 913, compared with 496 on November 30, 1929, and 660 on the same date in 1928. The record of no prisoners received, which was maintained by Archuleta county for four years in succession, was broken in 1929, when four prisoners were received.

Seventeen counties received no female prisoners in 1930, which compares with 16 counties in 1929, 21 counties in 1928 and 18 counties in 1927. Two counties failed to make any report on prisoners.

The numbers received by years, and by sex, were as follows:

| Year | Male   | Female | Total  |
|------|--------|--------|--------|
| 1925 | 11,071 | 729    | 11,800 |
| 1926 | 9,132  | 574    | 9,706  |
| 1927 | 9,956  | 505    | 10,461 |
| 1928 | 10,193 | 474    | 10,667 |
| 1929 | 9,904  | 682    | 10,586 |
| 1930 | 10,115 | 819    | 10,934 |

The percentages of males and females received by years were as follows:

| Year | Male  | Female |
|------|-------|--------|
| 1925 | 93.82 | 6.18   |
| 1926 | 94.09 | 5.91   |
| 1927 | 95.17 | 4.83   |
| 1928 | 95.56 | 4.44   |
| 1929 | 93.57 | 6.43   |
| 1930 | 92.50 | 7.50   |

A table published on page 311 in this volume shows the number of prisoners received in jails by counties and years, and number of prisoners confined at the end of the fiscal years.

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   |

**PRISONERS IN COUNTY JAILS, YEARS ENDING NOVEMBER 30**  
(From Records of County Sheriffs)

| COUNTY           | Prisoners Received |        |        |        |        |        | No. Prisoners at End of Year |      |      |
|------------------|--------------------|--------|--------|--------|--------|--------|------------------------------|------|------|
|                  | 1930               |        |        | 1929   | 1928   | 1927   | 1930                         | 1929 | 1928 |
|                  | Male               | Female | Total  |        |        |        |                              |      |      |
| Adams.....       | 321                | 13     | 339    | 368    | 308    | 339    | 11                           | 15   | 9    |
| Alamosa.....     | 42                 | ...    | 42     | 44     | 28     | *      | 1                            | 4    | 1    |
| Arapahoe.....    | 60                 | 7      | 67     | 130    | 68     | 192    | 7                            | 3    | 6    |
| Archuleta.....   | 3                  | ...    | 3      | 4      | ...    | ...    | ...                          | 1    | ...  |
| Baca.....        | 89                 | 2      | 91     | 32     | 75     | 85     | 6                            | ...  | 2    |
| Bent.....        | 108                | 6      | 114    | 77     | 64     | *      | 3                            | 4    | 3    |
| Boulder.....     | 498                | 35     | 533    | 530    | 562    | 513    | 15                           | 8    | 12   |
| Chaffee.....     | 29                 | 2      | 31     | 42     | 29     | 51     | 5                            | 8    | 1    |
| Cheyenne.....    | 20                 | ...    | 20     | 25     | 12     | 21     | 2                            | 1    | ...  |
| Clear Creek..... | 24                 | 2      | 26     | 15     | 32     | 30     | 2                            | 3    | 2    |
| Conejos.....     | 10                 | ...    | 10     | 27     | 7      | *      | 8                            | 1    | 1    |
| Costilla.....    | 23                 | ...    | 23     | 11     | 5      | 4      | 3                            | ...  | ...  |
| Crowley.....     | 101                | 10     | 111    | 77     | 94     | 99     | 3                            | ...  | 1    |
| Custer.....      | 6                  | ...    | 6      | 2      | 2      | 5      | 2                            | 1    | ...  |
| Delta.....       | 50                 | 4      | 54     | 65     | 68     | 56     | 3                            | 5    | 6    |
| Denver.....      | 4,065              | 357    | 4,422  | 4,369  | 4,756  | 4,421  | 290                          | 243  | 395  |
| Dolores.....     | 6                  | ...    | 6      | *      | 22     | *      | ...                          | *    | 1    |
| Douglas.....     | 68                 | 2      | 70     | 54     | 35     | 46     | ...                          | ...  | 2    |
| Eagle.....       | 29                 | 4      | 33     | 23     | 41     | 22     | 10                           | ...  | 6    |
| Elbert.....      | 8                  | ...    | 8      | 21     | *      | 12     | 1                            | ...  | *    |
| El Paso.....     | 441                | 65     | 506    | 442    | 385    | 373    | 16                           | 16   | 11   |
| Fremont.....     | 94                 | 10     | 104    | 107    | 91     | 88     | 8                            | 5    | 9    |
| Garfield.....    | 69                 | 2      | 71     | 108    | 105    | 192    | 10                           | 8    | 17   |
| Gilpin.....      | 32                 | ...    | 32     | 12     | 10     | 12     | ...                          | ...  | ...  |
| Grand.....       | 25                 | ...    | 25     | 29     | 26     | 35     | ...                          | ...  | ...  |
| Gunnison.....    | 57                 | 2      | 59     | 42     | 47     | 36     | 3                            | 1    | 45   |
| Hinsdale.....    | ...                | ...    | ...    | *      | ...    | ...    | ...                          | *    | ...  |
| Huerfano.....    | 132                | 14     | 146    | 136    | 143    | 76     | 7                            | 5    | 5    |
| Jackson.....     | 2                  | ...    | 2      | 2      | 1      | 1      | ...                          | ...  | ...  |
| Jefferson.....   | 283                | 19     | 302    | 327    | 278    | *      | 11                           | 11   | 5    |
| Kiowa.....       | 20                 | ...    | 20     | 13     | 6      | 6      | ...                          | ...  | ...  |
| Kit Carson.....  | *                  | *      | *      | 72     | 41     | *      | ...                          | 5    | ...  |
| Lake.....        | 126                | 8      | 134    | 175    | 395    | 86     | 4                            | ...  | ...  |
| La Plata.....    | 151                | 14     | 165    | 185    | 167    | 160    | 7                            | 7    | 26   |
| Larimer.....     | 253                | 13     | 266    | 230    | 237    | 273    | 9                            | 8    | 4    |
| Las Animas.....  | 290                | 29     | 319    | 328    | 477    | 760    | 7                            | 7    | ...  |
| Lincoln.....     | 50                 | ...    | 50     | 22     | ...    | 44     | 11                           | ...  | ...  |
| Logan.....       | 157                | 15     | 172    | 134    | 157    | 120    | 16                           | 3    | 1    |
| Mesa.....        | 146                | 14     | 160    | 194    | *      | 117    | 8                            | 12   | *    |
| Mineral.....     | 1                  | ...    | 1      | 3      | 1      | 2      | ...                          | 2    | ...  |
| Moffat.....      | 64                 | ...    | 64     | 44     | 35     | 34     | 5                            | 2    | 3    |
| Montezuma.....   | 53                 | 2      | 55     | 36     | 39     | 17     | 1                            | 1    | 2    |
| Montrose.....    | 85                 | 1      | 86     | 85     | 87     | 105    | 7                            | ...  | 6    |
| Morgan.....      | 241                | 21     | 262    | 194    | 202    | 184    | 5                            | 7    | 3    |
| Otero.....       | 277                | 16     | 293    | 218    | 233    | 281    | 273                          | 11   | 21   |
| Ouray.....       | 26                 | 2      | 28     | 25     | 6      | 7      | ...                          | ...  | ...  |
| Park.....        | 10                 | ...    | 10     | 11     | 14     | 7      | ...                          | ...  | ...  |
| Phillips.....    | 44                 | 5      | 49     | 18     | 2      | *      | 5                            | 4    | 2    |
| Pitkin.....      | 1                  | ...    | 1      | 6      | 1      | 6      | ...                          | ...  | ...  |
| Prowers.....     | 246                | 25     | 271    | 223    | 155    | 148    | 13                           | 12   | 7    |
| Pueblo.....      | 481                | 62     | 543    | 486    | 356    | 453    | 74                           | 35   | 19   |
| Rio Blanco.....  | 9                  | ...    | 9      | 8      | 15     | 17     | 2                            | 2    | ...  |
| Rio Grande.....  | 65                 | 2      | 67     | 71     | 85     | 39     | 5                            | ...  | ...  |
| Routt.....       | 81                 | 9      | 90     | 54     | *      | 61     | 7                            | 3    | *    |
| Saguache.....    | 6                  | 4      | 10     | 48     | 74     | 53     | 4                            | 6    | 1    |
| San Juan.....    | 2                  | ...    | 2      | 6      | 12     | 4      | ...                          | ...  | ...  |
| San Miguel.....  | 2                  | ...    | 2      | 6      | 7      | 98     | ...                          | ...  | ...  |
| Sedgwick.....    | *                  | *      | *      | *      | 43     | 40     | *                            | *    | ...  |
| Summit.....      | 7                  | 1      | 8      | 7      | 8      | 13     | ...                          | 4    | 3    |
| Teller.....      | 79                 | 3      | 82     | 50     | 57     | 52     | ...                          | ...  | 3    |
| Washington.....  | 22                 | ...    | 22     | 40     | 21     | 42     | ...                          | 1    | ...  |
| Weld.....        | 425                | 12     | 437    | 378    | 361    | 435    | 23                           | 19   | 14   |
| Yuma.....        | *                  | *      | *      | 95     | 79     | 88     | *                            | 2    | 5    |
| State.....       | 10,115             | 819    | 10,934 | 10,586 | 10,667 | 10,461 | 913                          | 496  | 660  |

\*Data not available.

## LIBRARIES IN COLORADO

Colorado has extensive library facilities available to the public, many of which are maintained in whole or in part by public funds. These include libraries owned by the state, public libraries in the cities and towns, and libraries owned by educational institutions and private organizations, most of which are available to the public. The Colorado state library is located in the capitol building at Denver and a constitutional provision makes the state superintendent of public instruction the librarian. This library is used as a depository for the preservation of state records and reports and is also a depository for United States government reports and documents. There are more than 125,000 volumes in this library. A state law library, which is under the supervision of the supreme court, is located in the capitol and contains 35,000 volumes. An historical library, which is under the supervision of the State Historical society, is located in the state museum building.

The Colorado Library commission was created by the twenty-seventh general assembly. It is given power to do all things necessary to create and keep in operation free traveling libraries for the state of Colorado. It is also the duty of the commission to further library development throughout the state, to give assistance to free libraries and to committees which propose to establish them, and to aid in the selection of books, cataloging and other details of administration. The traveling library, which is under the commission's administration, endeavors to keep in circulation books in rural communities where public libraries are not available. The circulation of this library in 1930 was 31,794 volumes.

Available records cover 64 state, public and institutional libraries which contain an aggregate of 1,339,686 volumes. This list does not, however, include 49 public libraries in small towns which failed to report to the state library commission, and numerous community libraries maintained by local clubs and other organizations. A summary of libraries and number of volumes is as follows:

|   | Volumes |
|---|---------|
| State libraries .....                               | 163,500 |
| Publicly controlled universities and colleges.....  | 263,975 |
| Privately controlled universities and colleges..... | 200,750 |
| Public libraries .....                              | 711,461 |

The number of volumes in the libraries of privately controlled colleges and universities in Colorado are reported as follows:

|                               | No. Vols. |
|-------------------------------|-----------|
| Colorado college.....         | 110,000   |
| Colorado Woman's college..... | 3,750     |
| Iliff School of Theology..... | 13,000    |
| Regis college.....            | 27,000    |
| University of Denver.....     | 32,000    |
| Westminster Law school.....   | 5,000     |
| Loretta Heights college.....  | 10,000    |
| Total.....                    | 200,750   |

The number of volumes in the libraries of publicly controlled colleges and universities are reported as follows:

|                             | No. Vols. |
|-----------------------------|-----------|
| University of Colorado..... | 185,000   |
| Agricultural college.....   | 57,625    |
| School of Mines.....        | 21,350    |
| Total.....                  | 263,975   |

An accompanying table shows the locations of public libraries reporting to the state library commission, the number of volumes, circulation, appropriations for their maintenance, the number of borrowers and the number of hours in which they are open each week.

In addition to libraries, or in connection therewith, 34 cities and towns maintain reading rooms where files of newspapers and magazines are available. The location of these reading rooms, the number of publications and number of readers, is as follows:

| Town                   | No. Publications | No. Readers |
|------------------------|------------------|-------------|
| Alamosa .....          | 47               | 15,000      |
| Boulder .....          | 66               | No Record   |
| Brighton .....         | 32               | No Record   |
| Brush .....            | 42               | 26,284      |
| Burlington .....       | 16               | 356         |
| Canon City.....        | 45               | 14,742      |
| Colorado Springs—      |                  |             |
| Branch .....           | 41               | 17,551      |
| Delta .....            | 36               | No Record   |
| Denver .....           | 775              | .....       |
| Durango .....          | 61               | 14,779      |
| Eaton .....            | 12               | No Record   |
| Estes Park .....       | 8                | 1,870       |
| Evergreen .....        | 23               | No Record   |
| Florence .....         | 30               | 15,827      |
| Fort Collins.....      | 122              | 26,083      |
| Fort Morgan .....      | 50               | 23,083      |
| Glenwood Springs ..... | 17               | 500         |
| Golden .....           | 7                | 309         |
| Greeley .....          | 100              | No Record   |
| Idaho Springs .....    | 30               | No Record   |
| Lamar .....            | 72               | 8,823       |
| Las Animas.....        | 31               | 3,220       |
| Littleton .....        | 25               | 5,024       |
| Longmont .....         | 89               | No Record   |
| Loveland .....         | 90               | 22,974      |
| Mancos .....           | 20               | No Record   |
| Monte Vista.....       | 32               | 24,241      |
| Montrose .....         | 26               | No Record   |
| Pueblo .....           | 90               | No Record   |
| Rocky Ford .....       | 70               | 17,052      |
| Salida .....           | 75               | No Record   |
| Sterling .....         | 63               | 7,198       |
| Swink .....            | 9                | 100         |
| Victor .....           | 12               | 500         |



**PUBLIC LIBRARIES IN COLORADO**  
(From Reports of the Colorado Library Commission)

| CITY OR TOWN               | No. of<br>Volumes | Circu-<br>lation | Appro-<br>priation | No. of<br>Borrow-<br>ers | Hours<br>Per<br>Week |
|----------------------------|-------------------|------------------|--------------------|--------------------------|----------------------|
| Alamosa .....              | 5,343             | 25,753           | \$ 2,962           | 1,162                    | 45                   |
| Ault .....                 | 1,525             | 60               | 60                 | ....                     | 4                    |
| Aurora .....               | 3,500             | 7,000            | 780                | ....                     | ..                   |
| Boulder .....              | 17,082            | 65,693           | 5,131              | 6,000                    | 75 ½                 |
| Brighton .....             | 7,185             | 36,193           | 2,327              | 2,879                    | 30                   |
| Brush .....                | 6,713             | 22,184           | 1,590              | 1,507                    | 25 ½                 |
| Buena Vista.....           | 2,600             | 3,000            | 120                | 66                       | 12                   |
| Burlington .....           | 3,400             | 8,000            | 700                | 750                      | 18                   |
| Canon City.....            | 9,066             | 19,031           | 2,400              | ....                     | 66                   |
| Colorado Springs.....      | 44,300            | 146,327          | 19,221             | ....                     | ..                   |
| Colorado Springs—Branch... | 7,340             | 23,558           | 3,640              | ....                     | 42                   |
| Delta .....                | 8,073             | 28,118           | 2,400              | 2,328                    | 45                   |
| Denver .....               | 329,303           | 1,963,984        | 240,000            | ....                     | 79                   |
| Durango .....              | 14,780            | 37,988           | 5,000              | 3,692                    | 76                   |
| Eaton .....                | 5,025             | 7,860            | 700                | 245                      | 12                   |
| Estes Park .....           | 4,400             | 7,321            | 1,000              | ....                     | 4                    |
| Evergreen .....            | 7,792             | 5,847            | None               | 562                      | 42                   |
| Flagler .....              | 2,500             | 2,000            | 100                | ....                     | 10                   |
| Fort Collins.....          | 19,356            | 94,214           | 6,985              | 4,500                    | 75 ½                 |
| Fort Lupton.....           | 2,816             | 8,839            | 1,196              | ....                     | 9                    |
| Fort Morgan .....          | 10,000            | 17,742           | 3,163              | 6,559                    | 36                   |
| Glenwood Springs.....      | 4,700             | 10,000           | 400                | 505                      | 20                   |
| Golden .....               | 6,000             | 4,140            | 500                | 497                      | 42                   |
| Greeley .....              | 25,679            | 136,307          | 14,000             | 7,000                    | 76                   |
| Hayden .....               | 2,000             | 400              | 300                | 400                      | 10                   |
| Holyoke .....              | 5,000             | 4,000            | None               | 300                      | 20                   |
| Hugo .....                 | ....              | 7,284            | ....               | ....                     | ..                   |
| Idaho Springs .....        | 6,947             | 10,824           | 1,000              | 547                      | 36                   |
| Lamar .....                | 6,591             | 11,628           | 1,200              | 600                      | 38                   |
| Las Animas .....           | 6,500             | 15,528           | 1,600              | 2,928                    | 28                   |
| Littleton .....            | 4,200             | 19,461           | 1,400              | 880                      | 33                   |
| Longmont .....             | 12,000            | 44,098           | 4,500              | ....                     | 75                   |
| Louisville .....           | 980               | 2,000            | 200                | ....                     | 4                    |
| Loveland .....             | 8,701             | 43,466           | 4,000              | 3,500                    | 48                   |
| Mancos .....               | 3,000             | 2,500            | ....               | ....                     | 54                   |
| Manzanola .....            | 2,468             | ....             | 60                 | 124                      | 6                    |
| Merino .....               | 1,452             | 4,985            | ....               | 210                      | 6                    |
| Monte Vista.....           | 5,230             | 23,610           | 1,736              | 1,727                    | 45                   |
| Montrose .....             | 7,399             | 26,351           | 2,950              | 4,000                    | 39                   |
| Platteville .....          | 1,915             | 1,360            | 100                | ....                     | 6                    |
| Pueblo .....               | 38,590            | 158,288          | 12,000             | 12,248                   | 78                   |
| Rifle .....                | 3,000             | 12,000           | 550                | ....                     | 13 ½                 |
| Rocky Ford .....           | 8,200             | 40,506           | 3,000              | 1,740                    | 54                   |
| Salida .....               | 9,300             | 12,000           | 2,700              | 1,000                    | 42                   |
| Sterling .....             | 11,329            | 59,136           | 6,185              | 3,873                    | 59                   |
| Swink .....                | 2,250             | 1,050            | 120                | 200                      | 6                    |
| Victor .....               | 9,500             | 9,600            | ....               | 800                      | 14                   |
| Virginia Dale.....         | 230               | ....             | 10                 | ....                     | ..                   |
| Wellington .....           | 1,700             | 2,860            | 60                 | ....                     | 4                    |
| Windsor .....              | 2,501             | 7,500            | 600                | 1,173                    | 15                   |
| Wray .....                 | 2,000             | 5,400            | 700                | 175                      | 9                    |
| Totals.....                | 711,461           | 3,206,994        | \$359,346          | 74,677                   | —                    |

Public libraries in the following cities and towns did not report to the State Library Commission: Akron, Alma, Breckenridge, Briggsdale, Center, Central City, Cheraw, Collbran, Craig, Cripple Creek, Del Norte, Eastonville, Englewood, Evans, Fairplay, Forbes, Fowler, Georgetown, Grand Junction, Gunnison, Haswell, Hillrose, Hotchkiss, Johnstown, Julesburg, La Junta, Lazear, Leadville, Manitou, Maybelle, Meeker, Milliken, Morrison, New Raymer, Oak Creek, Olathe, Otis, Ouray, Ovid, Pagosa Springs, Penrose, San Acacio, Silverton, Steamboat Springs, Sugar City, Telluride, Trinidad, Walsenburg.

**PUBLIC UTILITIES IN COLORADO**

On January 1, 1928, the latest date to which the statistics have been compiled, there were 270 public utilities operating in the state of Colorado, excluding motor vehicle common carriers, which filed annual reports with the state public utilities commission. Of motor vehicle carriers operating in the state there were 240 holding certificates of convenience and necessity as of November 30, 1928.

The classification of the utilities is as follows:

**Steam railroads:**

|                             |           |
|-----------------------------|-----------|
| Operating .....             | 21        |
| Switching and terminal..... | 3         |
| Non-operating, lessor.....  | 4         |
| <b>Total .....</b>          | <b>28</b> |
| Electric railways.....      | 8         |
| Cable roads.....            | 1         |
| Express companies.....      | 1         |
| Sleeping car companies..... | 1         |

**Electric utilities:**

|                        |           |
|------------------------|-----------|
| Privately owned .....  | 38        |
| Municipally owned..... | 22        |
| <b>Total .....</b>     | <b>60</b> |

**Gas utilities:**

|                        |          |
|------------------------|----------|
| Privately owned .....  | 6        |
| Municipally owned..... | 1        |
| <b>Total .....</b>     | <b>7</b> |

**Water utilities:**

|                        |            |
|------------------------|------------|
| Privately owned .....  | 23         |
| Municipally owned..... | 88         |
| <b>Total .....</b>     | <b>111</b> |

|                          |            |
|--------------------------|------------|
| Telephone utilities..... | 49         |
| Telegraph utilities..... | 4          |
| <b>Total .....</b>       | <b>270</b> |

Summaries of the operations of the principal utilities for the years ending December 31, 1927 and 1926, are given in accompanying tables.

**STEAM RAILROAD OPERATIONS IN COLORADO, YEARS ENDING DEC. 31**

(From Reports of the Public Utilities Commission)

Note—Figures cover operations within the state only.

|                                     | 1927            | 1926            |
|-------------------------------------|-----------------|-----------------|
| <b>Freight Service:</b>             |                 |                 |
| Tons—revenue freight.....           | 37,172,477      | 37,408,409      |
| Ton miles—revenue freight.....      | 3,884,468,409   | 4,110,299,123   |
| <b>Passenger Service:</b>           |                 |                 |
| Passengers carried—revenue .....    | 2,800,510       | 3,098,304       |
| Passenger miles—revenue .....       | 361,145,957     | 392,727,582     |
| <b>Revenues and Expenses:</b>       |                 |                 |
| Freight revenue .....               | \$52,298,711.33 | \$56,361,105.15 |
| Passenger revenue.....              | 10,772,009.85   | 11,932,726.80   |
| Other operating revenue.....        | 7,026,336.10    | 7,290,867.90    |
| (Pass. service train revenue).....  | 14,471,168.33   | 8,551,503.10    |
| Railway operating revenues.....     | \$70,097,057.28 | \$75,584,699.85 |
| Railway operating expenses.....     | 55,062,399.58   | 55,875,217.46   |
| Net railway operating revenues..... | \$15,034,657.70 | \$19,709,482.39 |
| Operating ratio (per cent).....     | 78.55           | 73.92           |

**ELECTRIC RAILWAY OPERATIONS IN COLORADO, YEARS ENDING DEC. 31**

|                                     | 1927        | 1926        |
|-------------------------------------|-------------|-------------|
| Passengers carried.....             | 78,777,556  | 82,586,290  |
| Revenue from transportation.....    | \$5,019,054 | \$5,386,169 |
| Railway operating revenues.....     | \$5,224,547 | \$5,595,865 |
| Railway operating expenses.....     | \$3,651,355 | \$3,972,991 |
| Net revenue railway operations..... | \$1,573,191 | \$1,622,874 |
| Operating ratio (per cent).....     | 69.89       | 71.00       |

Note—Statistics cover operations of eight companies in 1927 and 10 companies in 1926, two companies having discontinued.

**SUMMARY OF ELECTRIC UTILITIES OPERATIONS, YEARS ENDING DEC. 31**  
(From Reports of the Utilities Commission)

|   | Privately Owned |               | Municipally Owned |             |
|---|-----------------|---------------|-------------------|-------------|
|   | 1927            | 1926          | 1927              | 1926        |
| Number of consumers.....                            | 171,793         | 171,903       | 22,195            | 22,376      |
| Plant investment book value...                      | \$87,383,271    | \$105,264,634 | \$4,339,546       | \$4,571,579 |
| Revenue from sale of current..                      | 13,192,283      | 15,659,002    | 1,183,786         | 1,268,524   |
| Revenue from merchandise and<br>miscellaneous ..... | 93,362          | 73,798        | 27,614            | 29,055      |
| Operating expenses.....                             | 7,338,907       | 9,280,828     | 683,479           | 708,413     |
| Taxes .....   | 1,227,889       | 1,501,970     | .....             | .....       |
| Operating income .....                              | 4,718,856       | 4,950,002     | 527,921           | 589,166     |
| Operating ratio (per cent).....                     | 55.24           | 58.99         | 56.42             | 54.60       |
| Return plant inv. (per cent)....                    | 5.4             | 4.7           | 12.2              | 12.9        |

Note—Report covers 38 privately owned and 22 municipally owned plants in 1927 and 39 privately owned and 22 municipally owned in 1926.

**GAS UTILITIES OPERATIONS IN COLORADO IN 1927**

Note—Figures cover the operations of nine companies, all privately owned except one. Figures for 1926 are omitted as they are not comparable.

|  | 1927         |
|--|--------------|
| Number of consumers.....                   | 81,544       |
| Plant investment (book value).....         | \$26,221,260 |
| Revenue from gas sales.....                | 4,139,889    |
| Miscellaneous revenue.....                 | 41,609       |
| Operating expenses.....                    | 3,249,971    |
| Taxes .....                                | 340,186      |
| Operating income .....                     | 591,341      |
| Operating ratio (per cent).....            | 77.72        |
| Return on plant investment (per cent)..... | 2.3          |

**WATER UTILITIES OPERATIONS IN COLORADO, YEARS ENDING DEC. 31**  
(From Reports of the Public Utilities Commission)

Note—Figures cover the operations of 22 privately owned and 80 municipally owned water utilities in 1926 and 23 privately owned and 88 municipally owned in 1927.

|  | Privately Owned |             | Municipally Owned |              |
|--|-----------------|-------------|-------------------|--------------|
|  | 1927            | 1926        | 1927              | 1926         |
| Number of consumers.....                       | 4,609           | 4,826       | 102,027           | 110,573      |
| Plant investment.....                          | \$2,344,732     | \$2,067,767 | \$42,224,939      | \$37,684,568 |
| Revenue from sale of water.                    | 204,422         | 194,070     | 3,599,761         | 3,343,264    |
| Miscellaneous revenue .....                    | 3,178           | 5,414       | 65,388            | 67,565       |
| Operating expenses.....                        | 140,616         | 120,326     | 1,752,863         | 1,704,137    |
| Operating income.....                          | 41,816          | 55,542      | 1,912,287         | 1,706,693    |
| Operating ratio (per cent)...                  | 67.73           | 60.32       | 47.83             | 49.96        |
| Return on plant investment<br>(per cent) ..... | 1.8             | 2.7         | 4.5               | 4.5          |



# TELEPHONE UTILITIES OPERATIONS IN COLORADO, YEARS ENDING DECEMBER 31

(From Reports of the Public Utilities Commission)

Note—Figures cover operations of 49 companies in 1927 and 45 in 1926, all privately owned.

|                                       | 1927         | 1926         |
|---------------------------------------|--------------|--------------|
| Number subscribers .....              | 174,252      | 167,931      |
| Total investment .....                | \$31,213,621 | \$29,043,456 |
| Operating revenues .....              | 7,809,660    | 7,302,004    |
| Operating expenses .....              | 5,815,608    | 5,111,282    |
| Taxes .....                           | 815,772      | 796,488      |
| Operating income .....                | 1,178,280    | 1,394,234    |
| Operating ratio (per cent) .....      | 74.47        | 70.00        |
| Return on investment (per cent) ..... | 3.8          | 4.8          |

## NOTABLE TUNNELS IN COLORADO

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 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 W. N. W. Blayne, Herbert Fairall and George P. Schumacker, all of Denver; Charles H. Leckenby of Steamboat Springs, and Charles H. Wheeler of Yampa. The members of the commission are appointed by the governor.

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 broadcasted to the country by radio from the heart of the mountain. This tunnel is under lease for a nominal rental to the city of Denver, which is maintaining it with a view of using it for water transportation purposes. 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. This lease is at present involved in litigation. Projected railroad connections through the tunnel will 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 Frederick mine, near Valdez, in Las Animas county, owned and operated by the Colorado Fuel & Iron company, 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, transportation 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 by 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 6,385 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 Rowley tunnel at Bonanza, Saaguache 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.

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  |

#### RETAIL DISTRIBUTION IN COLORADO

There are 14,063 retail stores in Colorado, which had net sales in 1929 amounting to \$497,852,191, according to preliminary reports of the Bureau of the Census on the 1930 census of retail distribution. This is equal to 13.6 stores per 1,000 population, which compares with 12.6 stores per 1,000 population for the 48 states and the District of Columbia. The per capita sales of these stores in 1929 amounted to \$480.65 as against \$407.53



per capita for the United States. There are eight states, including the District of Columbia, in which the per capita sales are larger than in Colorado, and 40 states in which they are less. Five of the eight states with larger per capita sales than Colorado also have a larger number of stores per 1,000 population.

The summary of retail distribution divides the business into 10 groups which, in turn, are sub-divided. The automotive group led all others with net sales of \$116,028,283, or 23.3 per cent of total net sales for all groups. The food group came second with net sales of \$115,857,617, or 23.28 per cent of the total. A table published herewith gives the number of stores, net sales and per cent of the total for the various groups. The detailed tables showing the sub-divisions of the various groups are omitted for lack of space, but these are available in the printed reports of the census bureau.

There are 15 kinds of business in the automotive group with 3,000 stores and other retail establishments and total sales of \$116,028,283. The sales at retail of motor vehicles, both new and used, aggregated more than \$79,200,000, accessories more than \$6,700,000, sales through 1,368 filling stations exceeded \$21,700,000 and various other automotive establishments accounted for the balance.

The general merchandise group with 608 stores consists of 60 department stores selling more than \$48,600,000 annually; 271 dry goods stores exceeding \$7,600,000 in sales; 115 variety, 5-and-10, and to-a-dollar stores with sales of \$5,693,679; and 162 general stores with more than \$9,800,000 of aggregate sales.

In the apparel group the report shows 16 kinds of stores, the more important of which are men's stores, women's ready-to-wear specialty stores and shoe stores. The 806 apparel stores sell \$29,083,161 of goods annually.

The furniture and household group of 408 stores report sales of \$19,989,254, or 4 per cent of the state total. The principal kinds of stores in this group are furniture stores and electrical household appliances stores. There are nine other kinds of stores shown in detail within this group.

There are 28 cafeterias, 425 restau-

rants with full table service, 508 lunch rooms, 170 lunch counters, refreshment stands, and box lunches, and 105 fountains and soft drink stands. The group of 1,236 eating places does an aggregate business of \$17,752,008, or 4 per cent of the total retail business of the state.

The lumber and building group, with 776 yards and stores, shows total sales of \$30,711,272, or 6 per cent of the state total of all retail business. More than half of this amount is reported by 267 lumber and building materials yards; 169 hardware stores show sales of \$4,524,454. There are 36 electrical shops, 63 lumber and hardware, 126 plumbing, heating and ventilating shops, 30 roofing establishments, 13 heating appliance retailers (including installers of domestic oil burners), 68 paint and glass stores, and 4 glass and mirror shops.

Among the other retail stores shown in detail in this census report are 210 coal and wood yards, 80 feed stores, 93 dealers in farm implements, 93 florists, 116 radio dealers, and 645 country general stores. There are 253 cigar stands, 14 cigar stores with fountains, and 126 cigar stores without fountains, 482 drug stores with fountains and 171 drug stores without fountains, and 216 jewelry stores, 12 of which are installment credit jewelers. There are 40 other kinds of business, each as precisely described as the above. In all, there are 3,464 stores in the group described as "Other retail stores." In addition, there are 272 secondhand stores, shown in 11 classifications in this comprehensive census report.

Another table presented herewith shows that of the 14,063 retail stores in the state, 12,141 are single-store independents, 418 are national chain stores and 339 are sectional chain stores. The net sales of the single-store independents was \$359,799,554, or 72.27 per cent of the total, the national chain stores \$31,926,026, or 6.41 per cent, and the sectional chain stores \$29,685,495, or 5.96 per cent, an aggregate for the national and sectional chain stores of \$61,611,527, or 12.37 per cent.

There are also given in connection with this chapter tables giving summaries of retail distribution in the principal cities of the state.

**SUMMARY OF THE PRINCIPAL RETAIL GROUPS IN COLORADO**

(1930 Population, 1,035,791; Per Capita Sales, \$480.65)

|                                    | Number<br>of Stores | Net Sales<br>(1929) | Per Cent<br>of Total<br>Net Sales |
|------------------------------------|---------------------|---------------------|-----------------------------------|
| Automotive group.....              | 3,000               | \$116,028,283       | 23.30                             |
| Food group.....                    | 3,493               | 115,857,617         | 23.28                             |
| General merchandise group.....     | 608                 | 71,899,357          | 14.44                             |
| Lumber and building group.....     | 776                 | 30,711,272          | 6.17                              |
| Apparel group.....                 | 806                 | 29,083,161          | 5.83                              |
| Furniture and household group..... | 408                 | 19,989,254          | 4.01                              |
| Restaurants and eating places..... | 1,236               | 17,752,008          | 3.56                              |
| Country general stores.....        | 645                 | 17,111,753          | 3.43                              |
| All other stores.....              | 2,819               | 76,812,818          | 15.44                             |
| Secondhand stores.....             | 272                 | 2,606,668           | .54                               |
| Total, retail stores.....          | 14,063              | \$497,852,191       | 100.00                            |

**TYPES OF OPERATION IN COLORADO**

|   | Number<br>of Stores | Net Sales<br>(1929) | Per Cent<br>of Total<br>Net Sales |
|---|---------------------|---------------------|-----------------------------------|
| Single-store independents.....                          | 12,141              | \$359,799,554       | 72.27                             |
| Two-store independents.....                             | 458                 | 30,148,948          | 6.06                              |
| Three-store independents.....                           | 168                 | 10,415,591          | 2.09                              |
| Local chains of four stores and over.....               | 411                 | 18,534,422          | 3.72                              |
| Sectional chains.....                                   | 339                 | 29,685,495          | 5.96                              |
| National chains.....                                    | 418                 | 31,926,026          | 6.41                              |
| Mail-order business.....                                | 10                  | 10,787,396          | 2.17                              |
| Direct selling (house-to-house).....                    | 5                   | 92,142              | .02                               |
| Industrial stores.....                                  | 7                   | 99,301              | .02                               |
| Leased department chains.....                           | 8                   | 331,852             | .07                               |
| Utility-operated retail stores.....                     | 52                  | 3,036,950           | .61                               |
| Manufacturer-controlled chains (sales<br>branches)..... | 22                  | 1,619,487           | .33                               |
| Co-operative stores.....                                | 12                  | 514,736             | .10                               |
| Branch systems of four stores and over... 2 }           |                     | 546,434             | .11                               |
| Rolling stores..... 2 }                                 |                     | 313,857             | .06                               |
| Unclassified types.....                                 | 8                   |                     |                                   |
| Totals.....   | 14,063              | \$497,852,191       | 100.00                            |

**SUMMARY OF PRINCIPAL RETAIL GROUPS IN DENVER**

|                                    | Num-<br>ber of<br>Stores | Employees<br>(full time) | Net Sales<br>(1929) | Per Cent<br>of Total | Stocks on<br>Hand End<br>of Year (at<br>cost) | Salaries<br>and Wages<br>(total) |
|------------------------------------|--------------------------|--------------------------|---------------------|----------------------|---|----------------------------------|
| Food group.....                    | 1,335                    | 2,223                    | \$ 57,658,296       | 25.70                | \$ 1,880,373                                  | \$ 2,996,425                     |
| Automotive group.....              | 769                      | 2,827                    | 41,333,103          | 18.42                | 3,136,153                                     | 4,257,500                        |
| General merchandise group.....     | 127                      | 4,848                    | 40,940,532          | 18.25                | 8,471,527                                     | 5,329,344                        |
| Apparel group.....                 | 324                      | 1,620                    | 17,145,436          | 7.64                 | 3,712,712                                     | 2,526,885                        |
| Furniture and household group..... | 125                      | 1,422                    | 11,546,727          | 5.15                 | 2,615,750                                     | 2,019,640                        |
| Restaurants and eating places..... | 425                      | 2,217                    | 9,551,980           | 4.26                 | 115,219                                       | 2,009,539                        |
| Lumber and building group.....     | 179                      | 684                      | 7,727,789           | 3.44                 | 1,739,002                                     | 1,255,363                        |
| All other stores.....              | 1,194                    | 3,838                    | 38,466,458          | 17.14                | 7,136,588                                     | 5,922,931                        |
| Totals.....                        | 4,478                    | 19,679                   | \$224,370,321       | 100.00               | \$28,807,324                                  | \$26,317,627                     |

SUMMARY OF PRINCIPAL RETAIL GROUPS IN PUEBLO

|                                    | Number of Stores | Employees (full time) | Net Sales (1929) | Per Cent of Total | Inventory (at cost) | Salaries and Wages (total) |
|------------------------------------|------------------|-----------------------|------------------|-------------------|---------------------|----------------------------|
| Automotive group-----              | 121              | 483                   | \$ 6,574,293     | 23.68             | \$ 558,692          | \$ 704,396                 |
| Food group-----                    | 234              | 330                   | 6,062,752        | 21.83             | 315,159             | 393,905                    |
| General merchandise group-----     | 20               | 492                   | 4,622,027        | 16.64             | 985,730             | 595,859                    |
| Apparel group-----                 | 54               | 168                   | 2,129,729        | 7.67              | 665,879             | 231,022                    |
| Eating places-----                 | 64               | 245                   | 800,656          | 2.88              | 21,558              | 163,790                    |
| Furniture and household group----- | 19               | 116                   | 1,408,414        | 5.07              | 352,525             | 166,085                    |
| Lumber and building group-----     | 30               | 183                   | 1,667,448        | 6.00              | 439,716             | 266,998                    |
| All other stores-----              | 164              | 457                   | 4,507,070        | 16.23             | 1,005,531           | 664,521                    |
| Totals-----                        | 706              | 2,474                 | \$27,772,389     | 100.00            | \$4,344,790         | \$3,186,576                |

SUMMARY OF PRINCIPAL RETAIL GROUPS IN COLORADO SPRINGS

|                                    | Number of Stores | Employees (full time) | Net Sales (1929) | Per Cent of Total | Inventory (at cost) | Salaries and Wages (total) |
|------------------------------------|------------------|-----------------------|------------------|-------------------|---------------------|----------------------------|
| Automotive group-----              | 98               | 549                   | \$ 6,526,067     | 25.83             | \$ 643,572          | \$ 777,923                 |
| Food group-----                    | 168              | 302                   | 5,289,040        | 20.94             | 303,681             | 380,352                    |
| General merchandise group-----     | 14               | 376                   | 2,807,290        | 11.11             | 644,835             | 410,540                    |
| Lumber and building group-----     | 40               | 264                   | 2,419,301        | 9.58              | 612,081             | 439,758                    |
| Apparel group-----                 | 60               | 168                   | 2,163,124        | 8.56              | 807,536             | 254,873                    |
| Furniture and household group----- | 19               | 78                    | 825,768          | 3.27              | 195,760             | 109,127                    |
| Restaurants and eating places----- | 38               | 181                   | 687,386          | 2.72              | 15,291              | 143,363                    |
| All other stores-----              | 142              | 460                   | 4,546,077        | 17.99             | 977,186             | 629,914                    |
| Totals-----                        | 579              | 2,378                 | \$25,264,053     | 100.00            | \$4,199,942         | \$3,145,850                |

SUMMARY OF PRINCIPAL RETAIL GROUPS IN FORT COLLINS

|                                    | Number of Stores | Employees (full time) | Net Sales (1929) | Per Cent of Total | Stocks on Hand End of Year (at cost) | Salaries and Wages (total) |
|------------------------------------|------------------|-----------------------|------------------|-------------------|--------------------------------------|----------------------------|
| Automotive group-----              | 55               | 147                   | \$2,061,243      | 26.82             | \$ 231,931                           | \$ 236,385                 |
| Food group-----                    | 44               | 89                    | 1,890,622        | 24.60             | 145,825                              | 113,273                    |
| General merchandise group-----     | 8                | 110                   | 876,624          | 11.41             | 245,361                              | 91,992                     |
| Lumber and building group-----     | 20               | 56                    | 672,574          | 8.75              | 253,461                              | 101,773                    |
| Apparel group-----                 | 16               | 24                    | 405,141          | 5.27              | 122,898                              | 36,696                     |
| Furniture and household group----- | 8                | 35                    | 396,094          | 5.15              | 137,977                              | 53,316                     |
| Restaurants and eating places----- | 16               | 45                    | 223,993          | 2.91              | 8,869                                | 35,265                     |
| All other stores-----              | 44               | 103                   | 1,158,687        | 15.09             | 224,580                              | 165,625                    |
| Totals-----                        | 211              | 609                   | \$7,684,978      | 100.00            | \$1,370,902                          | \$ 834,325                 |

SUMMARY OF PRINCIPAL RETAIL GROUPS IN GREELEY

|                                    | Number of Stores | Employees (full time) | Net Sales (1929) | Per Cent of Total | Inventory (at cost) | Salaries and Wages (total) |
|------------------------------------|------------------|-----------------------|------------------|-------------------|---------------------|----------------------------|
| Automotive group-----              | 54               | 214                   | \$ 3,935,346     | 33.44             | \$ 331,317          | \$ 350,260                 |
| Food group-----                    | 46               | 96                    | 2,126,916        | 18.08             | 133,599             | 139,154                    |
| General merchandise group-----     | 11               | 139                   | 1,445,501        | 12.29             | 316,497             | 149,743                    |
| Lumber and building group-----     | 26               | 89                    | 1,083,661        | 9.20              | 233,575             | 147,884                    |
| Apparel group-----                 | 20               | 38                    | 583,488          | 4.96              | 146,929             | 61,868                     |
| Restaurants and eating places----- | 23               | 76                    | 414,543          | 3.52              | 8,184               | 71,088                     |
| Furniture and household group----- | 6                | 71                    | 378,229          | 3.22              | 117,822             | 129,097                    |
| Other retail stores-----           | 60               | 119                   | 1,799,458        | 15.29             | 296,384             | 200,147                    |
| Totals-----                        | 246              | 842                   | \$11,767,142     | 100.00            | \$1,634,307         | \$1,249,241                |



## SUMMARY OF PRINCIPAL RETAIL GROUPS IN BOULDER

|                                    | Number of Stores | Employees (full time) | Net Sales (1929) | Per Cent of Total | Inventory (at cost) | Salaries and Wages (total) |
|------------------------------------|------------------|-----------------------|------------------|-------------------|---------------------|----------------------------|
| Food group-----                    | 68               | 86                    | \$1,991,642      | 26.44             | \$ 118,235          | \$ 116,835                 |
| Automotive group-----              | 67               | 129                   | 1,702,084        | 22.60             | 143,006             | 175,664                    |
| Apparel group-----                 | 24               | 69                    | 826,648          | 10.97             | 268,828             | 92,286                     |
| Lumber and building group-----     | 11               | 45                    | 500,274          | 6.64              | 184,029             | 79,940                     |
| General merchandise group-----     | 5                | 66                    | 465,575          | 6.18              | 84,444              | 46,385                     |
| Restaurants and eating places----- | 23               | 103                   | 396,562          | 5.26              | 3,679               | 74,707                     |
| Furniture and household group----- | 6                | 25                    | 297,619          | 3.95              | 120,706             | 41,175                     |
| All other stores-----              | 68               | 125                   | 1,352,674        | 17.96             | 346,431             | 167,815                    |
| Totals-----                        | 272              | 648                   | \$7,533,078      | 100.00            | \$1,269,358         | \$ 794,807                 |

## SUMMARY OF PRINCIPAL RETAIL GROUPS IN GRAND JUNCTION

|                                    | Number of Stores | Employees (full time) | Net Sales (1929) | Per Cent of Total | Inventory (at cost) | Salaries and Wages (total) |
|------------------------------------|------------------|-----------------------|------------------|-------------------|---------------------|----------------------------|
| Food group-----                    | 34               | 124                   | \$3,068,593      | 33.12             | \$ 243,504          | \$ 246,258                 |
| Automotive group-----              | 41               | 143                   | 1,979,585        | 21.36             | 208,319             | 201,096                    |
| General merchandise group-----     | 9                | 136                   | 1,185,192        | 12.80             | 313,586             | 137,234                    |
| Lumber and building group-----     | 17               | 50                    | 581,134          | 6.27              | 188,305             | 99,417                     |
| Apparel group-----                 | 12               | 34                    | 579,946          | 6.25              | 263,070             | 55,075                     |
| Furniture and household group----- | 10               | 36                    | 398,908          | 4.31              | 117,457             | 55,082                     |
| Restaurants and eating places----- | 15               | 90                    | 340,523          | 3.67              | 11,902              | 66,937                     |
| All other stores-----              | 58               | 125                   | 1,132,081        | 12.22             | 273,518             | 168,509                    |
| Totals-----                        | 196              | 738                   | \$9,265,962      | 100.00            | \$1,619,661         | \$1,029,608                |

## SUMMARY OF PRINCIPAL RETAIL GROUPS IN TRINIDAD

|                                    | Number of Stores | Employees (full time) | Net Sales (1929) | Per Cent of Total | Inventory (at cost) | Salaries and Wages (total) |
|------------------------------------|------------------|-----------------------|------------------|-------------------|---------------------|----------------------------|
| Automotive group-----              | 48               | 169                   | \$2,693,589      | 31.21             | \$ 174,023          | \$ 258,210                 |
| Food group-----                    | 58               | 83                    | 1,943,212        | 22.52             | 118,747             | 101,384                    |
| General merchandise group-----     | 18               | 195                   | 1,612,522        | 18.69             | 405,975             | 176,948                    |
| Lumber and building group-----     | 13               | 41                    | 497,674          | 5.77              | 146,016             | 96,133                     |
| Restaurants and eating places----- | 19               | 105                   | 328,297          | 3.80              | 7,083               | 65,871                     |
| Apparel group-----                 | 16               | 34                    | 327,327          | 3.79              | 109,710             | 46,930                     |
| Furniture and household group----- | 5                | 79                    | 222,522          | 2.58              | 44,866              | 153,522                    |
| All other stores-----              | 42               | 99                    | 1,004,452        | 11.64             | 258,700             | 139,064                    |
| Totals-----                        | 219              | 805                   | \$8,629,595      | 100.00            | \$1,265,120         | \$1,038,062                |

Note.—Attention is called to the fact that in reports on retail distribution in the cities and towns no service businesses, such as laundries and barber shops, are included. The total number of employees does not include those working part time, but the total payroll includes the salaries of both full-time and part-time employees. Later reports will show the number of part-time employees and their wages. They will show the number of proprietors who are wholly or primarily engaged in the operation of their stores but who are not classified as employees. The abridged figures above do not provide the basis for correctly computing average wages, average sales per employee nor rate of stock turn.

## WHOLESALE DISTRIBUTION

The bureau of the census, in a preliminary report, credits Colorado with 2,076 establishments engaged in the wholesale business in 1929. The volume of business handled by these establishments amounted to \$540,398,295, or \$521,620 per 1,000 population. This is a little less than the volume of wholesale trade per 1,000 population for the United States, which is \$567,122. The wholesale trade thus reported is \$42,546,104 less than the volume of retail trade in the state in the same year as reported by the same agency. The difference between the volume of wholesale trade and the volume of retail business is accounted for by the fact that the volume of wholesale business includes exports made by wholesale establishments, sales to industrial consumers, and involves duplication in handling at various stages of the movement of goods from producers to retailers and to industrial consumers. The retail business, on the other hand, includes sales made to the ultimate consumer only. The census figures show, however, that more than 50 per cent of the wholesale total is accounted for by the sales of wholesale merchants of the usual type.

Denver, the only city in Colorado for which a separate report has been issued so far, had 510 wholesalers proper in 1929; employed 6,602 people; had net sales of \$212,150,339; paid out \$11,493,222 in salaries and wages; and had stocks on hand at the end of the year to the value of \$17,107,375. In addition to the wholesalers proper there are also a large number of establishments in the wholesale field, such as manufacturers' sales branches, and bulk stations of the petroleum industry, brokers, selling agents, etc.

## LATITUDE AND LONGITUDE

Colorado lies between the 37th and 41st parallels north of the equator and the 102nd and 109th meridians west of Greenwich. Parallels are imaginary lines encircling the earth, each parallel being an equal distance at all points from the equator. A meridian is a great circle on the surface of the earth passing through the poles and any given place. Latitude is the distance north or south from the equator measured on the meridians. Longitude is the distance east or west of Greenwich measured on the paral-

lels. The distance between parallels and between meridians is measured by degrees. A degree of latitude (distance between two parallels) is 68.704 miles at the equator and 69.407 at the poles. The average in Colorado is approximately 69 miles. Thus, Colorado lies from 2,553 to 2,829 miles north of the equator. A degree is equal to 60 minutes and a minute is equal to 60 seconds.

The latitude and longitude of designated points in Colorado are as follows:

|                  | Latitude  | Longitude  |
|------------------|-----------|------------|
|                  | " "       | " "        |
| Denver .....     | 39 40 36N | 104 56 56W |
| Mt. Elbert.....  | 39 07 04N | 106 26 41W |
| Mt. Ouray.....   | 38 25 22N | 106 13 27W |
| Pike's Peak..... | 38 50 26N | 105 02 37W |

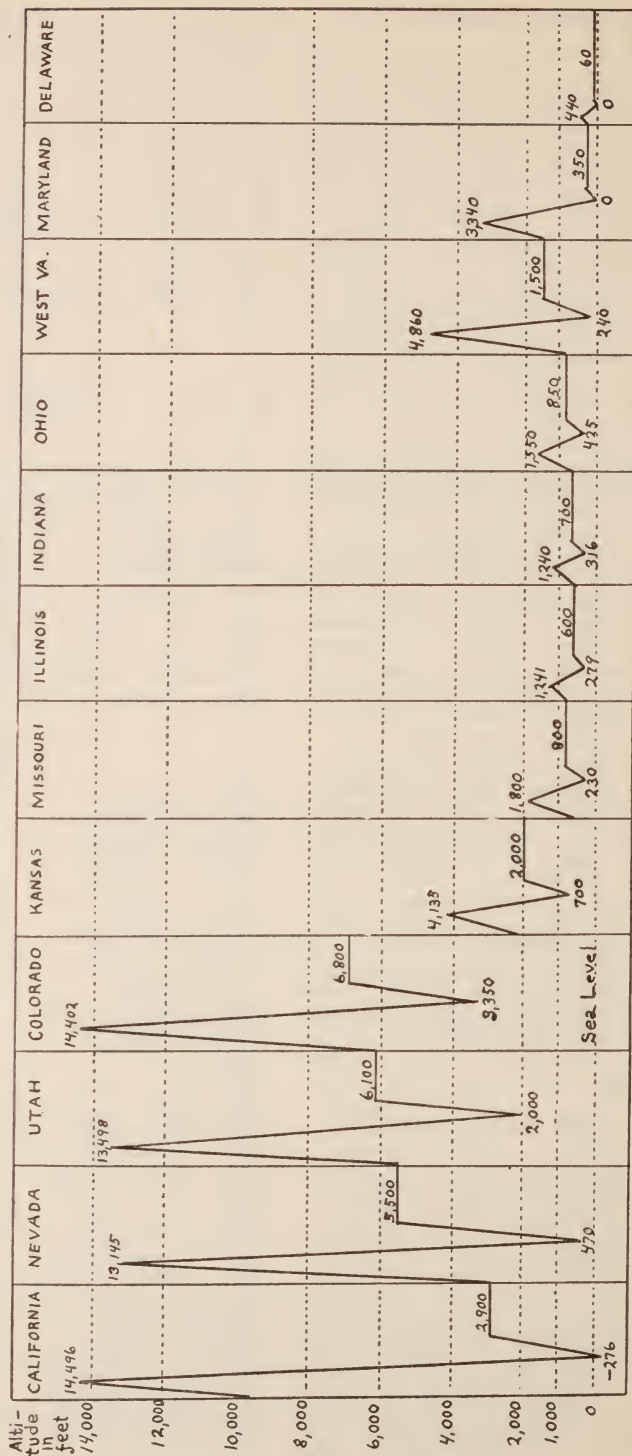
°Degree. 'Minutes. "Seconds.

The following table gives the distance in miles north and south of Denver, reckoned on latitude, of important cities of the world. It is based on an average of 69 miles to the degree. The distance given is not from Denver to the city named, but from an imaginary line encircling the earth at Denver's latitude to the city due north or south of that line:

| City                        | — Miles —       |                 |
|-----------------------------|-----------------|-----------------|
|                             | South of Denver | North of Denver |
| Algiers, Algeria.....       | 131             | ...             |
| Archangel, Russia.....      | ...             | 1,716           |
| Berkeley, California.....   | 55              | ...             |
| Berlin, Germany.....        | ...             | 885             |
| Bismarck, North Dakota..... | ...             | 493             |
| Bogota, Columbia.....       | 2,351           | ...             |
| Boston, Massachusetts.....  | ...             | 185             |
| Calcutta, India.....        | 1,112           | ...             |
| Carson City, Nevada.....    | 36              | ...             |
| Chicago, Illinois.....      | ...             | 150             |
| Cincinnati, Ohio.....       | 37              | ...             |
| Colon, Panama.....          | 2,022           | ...             |
| Constantinople, Turkey..... | ...             | 92              |
| Dry Tortugas, Florida.....  | 968             | ...             |
| Dublin, Ireland.....        | ...             | 946             |
| Fairbanks, Alaska.....      | ...             | 1,736           |
| Gibraltar.....              | 177             | ...             |
| Hongkong, China.....        | 1,126           | ...             |
| Honolulu, H. I.....         | 1,199           | ...             |
| Indianapolis, Indiana.....  | ...             | 7               |
| Leningrad, Russia.....      | ...             | 1,398           |
| London, England.....        | ...             | 814             |
| Los Angeles, Calif.....     | 343             | ...             |
| Manila, P. I.....           | 1,663           | ...             |
| Melbourne, Victoria.....    | 5,346           | ...             |
| Montreal, Canada.....       | ...             | 403             |
| Moscow, Russia.....         | ...             | 1,110           |
| Nashville, Tennessee.....   | 174             | ...             |
| New Orleans, Louisiana..... | 603             | ...             |
| New York, New York.....     | ...             | 78              |
| Omaha, Nebraska.....        | ...             | 109             |
| Paris, France.....          | ...             | 632             |
| Portland, Maine.....        | ...             | 275             |
| Portland, Oregon.....       | ...             | 404             |
| Rio de Janeiro, Brazil..... | 4,455           | ...             |
| Rome, Italy.....            | ...             | 153             |
| St. Louis, Missouri.....    | 71              | ...             |
| San Francisco, Calif.....   | 100             | ...             |
| Sidney, N. S. W.....        | 5,024           | ...             |
| Washington, D. C.....       | 52              | ...             |

# HIGHEST AND LOWEST POINTS AND APPROXIMATE MEAN ALTITUDE OF STATES THROUGH WHICH PASSES THE THIRTY-NINTH PARALLEL

(Compiled from Reports of the U. S. Geological Survey)





## CO-OPERATIVE MARKETING ASSOCIATIONS

Co-operative marketing of Colorado agricultural products has become increasingly general during the past 10 years through the rapid expansion of farmer-owned merchandising associations. Although a few of these associations antedate the passage of the state co-operative marketing act of 1923, most of them have been formed since that time. Almost all of them are incorporated under its provisions. At the present time there are a score of statewide and regional organizations, and upwards of half a hundred local associations.

Differing in their details of operation, all of the marketing associations have one common purpose: the merchandising of their members' products in an orderly manner over a definite period of time. Many of them make "advances" to the members at delivery time; and the total returns always are prorated between all the members on a basis of volume and grade. Thus the farmer receives the average price which his association received for all of the crop, less the usual handling charges and association overhead.

The object of co-operative marketing is to secure for the farmer a better return than he can secure by marketing individually. These increased returns are made possible, in many instances, by reduced handling charges, elimination of competition, and expert marketing skill. An important effect of co-operative marketing is a reduction of harvest time "dumping" on glutted markets, with the consequent seasonal decline in prices. By carrying their members' crops over the entire marketing year and adjusting sales to the month-by-month demand, the associations exert a stabilizing market influence that is entirely lacking when the bulk of a crop is forced onto the market in a three-month period each fall.

One of the oldest and most successful of Colorado's co-operative marketing associations, the Colorado Potato Growers Exchange, handles between \$3,500,000 and \$6,500,000 worth of products annually. Another, the Mountain States Beet Growers Marketing association, negotiates annually the price of a crop worth from 12 to 20 millions. Several others do an annual business ranging between \$100,000 and \$1,000,000 each.

Since the passage of the agricul-

tural marketing act and the formation of the federal farm board, a number of Colorado associations have become affiliated with the national co-operative sales organizations sponsored by the government department. These sales organizations are designed to co-ordinate the activities of the state and 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.

Among the larger Colorado co-operative marketing associations are:

Colorado Co-operative Lettuce association, Buena Vista.

Colorado Potato Growers Exchange, operating 17 Colorado locals and several in Wyoming, and marketing their branded "Colotato" potatoes in 26 states.

Colorado Onion Growers' locals at Delta, Montrose and Olathe, operating in conjunction with the potato association.

Colorado Grain Growers, Inc., a regional division of the Farmers National Grain corporation, handling grain for the Colorado Wheat Growers association, for local elevator members and for individual grower members.

Colorado Wool Marketing association, Denver.

Colorado Poultrymen's Exchange, operating locals at Colorado Springs and Pueblo.

Conejos County Vegetable Growers Co-operative association, Romeo.

Del Norte Vegetable Growers Co-operative association.

Intermountain Livestock Marketing association, affiliated with the National Livestock Marketing association.

Mountain Vegetable Growers Co-operative association, Blanca.

Mountain States Beet Growers Marketing association, Greeley.

Pueblo Vegetable Growers Co-operative association.

United Fruit Growers association, Palisade.

Western Colorado Honey Exchange, Grand Junction.

Western Slope Dairy Products Co-operative association, Grand Junction.

Western Colorado Beet Growers.

Pinto Bean Growers association, Trinidad; a regional organization composed of the Colorado Bean Growers association, the New Mexico Bean Pool and the Intermountain Bean Growers association, marketing its Triad brand beans over the entire country.

The Colorado Turkey Producers, Grand Junction; the Intermountain Poultry Producers Co-operative association, Grand Junction, and the Montrose and Delta Co-operative Poultry Producers association, affiliating together in a new regional organization.

The Arkansas Valley Poultry Producers association.

The Arkansas Valley Beet Producers association, La Junta.

The South Park Hay Growers association, Fairplay.

### RADIO DEVELOPMENT

There were 268,531 families in Colorado in 1930, according to the preliminary figures of the United States bureau of census, and of these 101,376, or 37.8 per cent, had radio sets. These figures, which are subject to revision, on the basis of estimates of the number of listeners, indicate a possible state audience for a broadcasting program of 495,366 persons if all radios were tuned in at the same time and all members of the family were listening. The distribution of radio sets varies considerably in different areas of the state and follows no set rule. Jefferson county ranked first with 54.1 per cent of all families having radios, while Jackson county, which is remote from the larger cities, ranked second with 52.2 per cent. One out of every two families in Denver, or 50.7 per cent of the total, reported sets in 1930. Conejos county was the lowest in the state, with only 4.5 per cent.

The state had 13 radio broadcasting stations operating on March 1, 1931, under licenses issued by the federal radio commission, a decrease of one as compared with the number on March 1, 1930, station KFHA, operated by the Western State Teachers college at Gunnison, having been discontinued. The federal commission reports 617 broadcasting stations in the United States and 750 outside of this country.

Colorado has the distinction of being the first state west of the Mississippi river and one of the first in the country in which were established stations conducting daily broadcasts on regular schedules as broadcasting is now known. The Westinghouse Elec-

tric & Manufacturing company's station KDKA, in Pittsburgh, is generally credited with being the first station in the country to begin the commercial transmission of programs. This service, under a broadcasting license issued by the department of commerce, was inaugurated on November 2, 1920, and consisted of the announcement of election returns and the election of President Harding. Prior to this date, however, in 1919, Dr. W. D. Reynolds, who then resided in Colorado Springs, was operating under a special amateur's license, No. 9 ZAF, this being the only license of the kind granted to Colorado parties at the time. In 1920 Dr. Reynolds moved to Denver and began broadcasting market reports, daily weather reports, etc., and each Sunday broadcasted sermons by a Denver pastor. The first commercial license issued to KLZ, as the station has since been known, was dated March 10, 1922.

The first law, covering in a general way the regulation of wave lengths used and interference produced by the radio stations, was enacted by congress in 1912 and empowered the secretary of commerce to issue licenses. This act failed to solve the problems arising and congress enacted what is known as the "Radio Act of 1927," which called for the establishment of the federal radio commission. The commission was given broad powers over all classes of radio transmission and was authorized to specify the frequency, power, location and other conditions of the operation of stations. The act was amended in 1928, authorizing the commission to apportion broadcasting assignments equally to the five zones into which the country was divided in proportion to population. The commission put into effect on November 11, 1928, a reallocation of broadcasting stations of the country. Colorado is in the fifth of the five zones, the other states included in the zone being Montana, Wyoming, New Mexico, Idaho, Utah, Arizona, Nevada, Washington, Oregon and California.

There were 325 radio dealers in Colorado in 1930, as reported by the department of commerce, and their annual volume of business is approximately \$2,000,000.

A table published herewith lists the licensed broadcasting stations in the state, their call signals, frequency and power.

The following table, which is taken from the United States census report for 1930, being preliminary figures and subject to change, gives the number of families by counties having radio sets, and the per cent of the total number of families in the county:

|                   | Families<br>Having<br>Radio Sets | Per Cent<br>of<br>County<br>Total |
|-------------------|----------------------------------|-----------------------------------|
| Adams .....       | 1,936                            | 41.7                              |
| Alamosa .....     | 472                              | 22.4                              |
| Arapahoe .....    | 2,915                            | 48.3                              |
| Archuleta .....   | 91                               | 11.7                              |
| Baca .....        | 495                              | 20.1                              |
| Bent .....        | 533                              | 25.7                              |
| Boulder .....     | 3,827                            | 42.4                              |
| Chaffee .....     | 616                              | 29.9                              |
| Cheyenne .....    | 278                              | 29.9                              |
| Clear Creek ..... | 307                              | 41.0                              |
| Conejos .....     | 288                              | 14.0                              |
| Costilla .....    | 57                               | 4.5                               |
| Crowley .....     | 377                              | 26.3                              |
| Custer .....      | 181                              | 29.0                              |
| Delta .....       | 820                              | 22.7                              |
| Denver .....      | 40,526                           | 50.7                              |
| Dolores .....     | 50                               | 12.8                              |
| Douglas .....     | 443                              | 45.8                              |
| Eagle .....       | 306                              | 29.8                              |
| Elbert .....      | 636                              | 37.9                              |
| El Paso .....     | 5,934                            | 41.8                              |
| Freimont .....    | 1,431                            | 30.0                              |
| Garfield .....    | 752                              | 28.7                              |
| Gilpin .....      | 128                              | 30.7                              |
| Grand .....       | 211                              | 33.8                              |
| Gunnison .....    | 352                              | 23.1                              |
| Hinsdale .....    | 48                               | 31.8                              |
| Huerfano .....    | 663                              | 16.7                              |
| Jackson .....     | 206                              | 52.2                              |
| Jefferson .....   | 3,163                            | 54.1                              |
| Kiowa .....       | 234                              | 24.7                              |
| Kit Carson .....  | 788                              | 34.2                              |
| Lake .....        | 336                              | 23.8                              |
| La Plata .....    | 647                              | 19.9                              |
| Larimer .....     | 3,473                            | 40.2                              |
| Las Animas .....  | 1,585                            | 18.5                              |
| Lincoln .....     | 778                              | 39.6                              |
| Logan .....       | 1,525                            | 33.8                              |

|                    | Families<br>Having<br>Radio Sets | Per Cent<br>of<br>County<br>Total |
|--------------------|----------------------------------|-----------------------------------|
| Mesa .....         | 1,822                            | 27.5                              |
| Mineral .....      | 61                               | 28.0                              |
| Moffat .....       | 361                              | 25.8                              |
| Montezuma .....    | 297                              | 15.6                              |
| Montrose .....     | 612                              | 21.5                              |
| Morgan .....       | 1,435                            | 33.6                              |
| Otero .....        | 1,661                            | 27.5                              |
| Ouray .....        | 126                              | 22.0                              |
| Park .....         | 245                              | 38.5                              |
| Phillips .....     | 691                              | 47.5                              |
| Pitkin .....       | 164                              | 30.3                              |
| Prowers .....      | 910                              | 25.8                              |
| Pueblo .....       | 4,885                            | 30.4                              |
| Rio Blanco .....   | 185                              | 23.9                              |
| Rio Grande .....   | 638                              | 26.7                              |
| Routt .....        | 809                              | 31.9                              |
| Saguache .....     | 394                              | 25.5                              |
| San Juan .....     | 122                              | 27.2                              |
| San Miguel .....   | 111                              | 17.8                              |
| Sedgwick .....     | 477                              | 36.5                              |
| Summit .....       | 122                              | 36.9                              |
| Teller .....       | 370                              | 27.1                              |
| Washington .....   | 801                              | 35.1                              |
| Weld .....         | 5,586                            | 36.0                              |
| Yuma .....         | 1,083                            | 32.3                              |
| Total, state ..... | 101,376                          | 37.8                              |

The following table shows the number of families in cities of 10,000 or more population having radio sets in 1930 and the per cent of the total. The figures are preliminary and subject to correction.

| Cities                 | Families<br>Having<br>Radio Sets | Per Cent<br>of<br>Total |
|------------------------|----------------------------------|-------------------------|
| Boulder .....          | 1,589                            | 46.2                    |
| Colorado Springs ..... | 4,257                            | 42.4                    |
| Denver .....           | 40,526                           | 50.7                    |
| Fort Collins .....     | 1,426                            | 45.0                    |
| Grand Junction .....   | 903                              | 30.5                    |
| Greeley .....          | 1,595                            | 46.3                    |
| Pueblo .....           | 3,975                            | 32.2                    |
| Trinidad .....         | 906                              | 29.3                    |

LICENSED BROADCASTING STATIONS IN COLORADO MARCH 1, 1931

| Location                           | Call<br>Signal | Owner                                  | Frequency in<br>Kilocycles,<br>(Meters in<br>Parentheses) | Power<br>(Watts) |
|------------------------------------|----------------|--|---|------------------|
| Bellevue College<br>(Denver) ..... | KPOF           | Pillar of Fire, Inc. ....              | 880 (341)   | 500              |
| Colorado Springs.                  | KFUM           | Reynolds Radio Co. ....                | 1,270 (236.2)   | 1,000            |
| Denver .....                       | KFEL           | Eugene P. O'Fallon, Inc. ....          | 920 (326)   | *500             |
| Denver .....                       | KFUP           | Fitzsimons General Hospital.           | 1,310 (229)   | 100              |
| Denver .....                       | KFXF           | Colorado Radio Corporation..           | 920 (326)   | *500             |
| Denver .....                       | KOA            | National Broadcasting Co. ....         | 830 (361)   | 12,500           |
| Dupont (Near<br>Denver) .....      | KLZ            | Reynolds Radio Co. ....                | 560 (536)   | 1,000            |
| Fort Morgan ....                   | KGEW           | City of Fort Morgan .....              | 1,200 (250)   | 100              |
| Grand Junction...                  | KFXJ           | Western Slope Broadcasting<br>Co. .... | 1,310 (229)   | 50               |
| Greeley .....                      | KFKA           | Midwestern Radio Corporation           | 880 (341)   | †1,000           |
| Pueblo .....                       | KGHF           | Curtis P. Ritchie, et al. ....         | 1,320 (227.3)   | ‡250             |
| Trinidad .....                     | KGIW           | Leonard E. Wilson .....                | 1,420 (211.3)   | 100              |
| Yuma .....                         | KGEK           | Beeler Electrical Equip. Co. ...       | 1,200 (250)   | 50               |

\*Also 500 night experimentally. †1,000 for day, 500 for night. ‡250 for night, 500 for day.



## AIRPORTS, AIRCRAFT, PILOTS AND ROUTES

There were 32 airports and landing fields in Colorado on January 1, 1931, as reported by the aeronautics branch of the United States department of commerce. This was an increase of five as compared with April 1, 1930. These include five auxiliary fields which are not used regularly for aircraft operations, five department of commerce intermediate landing fields, 16 municipal airports, five commercial fields and one army field. Their location and classification are as follows:

Akron, American Legion airport, auxiliary.

\*Castle Rock, intermediate.

Center, Center Legion airport, municipal.

Cheyenne Wells, Cheyenne Wells landing field, auxiliary.

Colorado Springs, Alexander airport, commercial.

†Colorado Springs, Colorado Springs airport, municipal.

Craig, Craig airport, municipal.

Creede, Creede field, auxiliary.

Delta, Delta airport, municipal.

Denver, Colorado Airways field, commercial.

Denver, Curtiss field, commercial.

†Denver, Denver airport, municipal. (Rating A1A.)

†Denver, Lowry field, National Guard, army.

\*Dover, intermediate.

Durango, Durango airport, municipal.

Florence, Florence Flying field, commercial.

Fort Collins, Fort Collins airport, municipal.

\*Fort Lupton, intermediate.

Grand Junction, Grand Junction airport, municipal.

†Greeley, Greeley airport, municipal.

Holly, Holly airport, municipal.

Holyoke, Holyoke airport, municipal.

La Junta, American Legion airport, auxiliary.

Las Animas, Las Animas airport, municipal.

Longmont, Longmont airport, auxiliary.

Monte Vista, Monte Vista airport, municipal.

Montrose, Montrose airport, municipal.

\*Monument, intermediate.

Otis, Otis airport, municipal.

†Pueblo, Pueblo airport, municipal.

Salida, American Legion airport, commercial.

\*Wigwam, intermediate.

\*Department of commerce intermediate landing field, marked and lighted by the department.

†Airports equipped with partial or complete lighting equipment.

A survey made in 1930 by the aeronautics branch of the department of commerce covered 20 airports, of which 15 were municipal and five were commercial and private airports. As the purpose was to determine the status of airports available to civil

aeronautics for regular flying operations, military and miscellaneous government airports and auxiliary and intermediate landing fields were not included. This survey showed that the average investment per airport for municipal airports was \$35,000, or a total of \$525,000, and the average for commercial and private airports was \$53,400, or a total of \$367,000, a grand total of \$892,000 for both municipal and commercial and private.

Locations of proposed airports are as follows: Buena Vista, Cortez, Fort Morgan, Gunnison, Lamar, Montrose, Parlin, Saguache, Sterling, Trinidad and Yampa.

The status of aircraft, gliders, pilots, glider pilots and mechanics, as of dates given, as reported by the air commerce bulletin, is as follows:

|                         | Jan. 1,<br>1931 | Mar. 30,<br>1930 |
|-------------------------|-----------------|------------------|
| Aircraft:               |                 |                  |
| Licensed .....          | 50              | 52               |
| Unlicensed .....        | 24              | 39               |
| Total .....             | 74              | 91               |
| Gliders .....           | 97              | ..               |
| Pilots:                 |                 |                  |
| Transport .....         | 56              | 52               |
| Limited commercial..... | 32              | 12               |
| Private .....           | 59              | 47               |
| Total .....             | 147             | 111              |
| Mechanics .....         | 76              | 72               |

The Denver municipal airport is one of four in the United States which has received a high rating of A-1-A by the department of commerce, being the second so designated. The other three are the Rickenbacker airport at Sioux City, Iowa, and the municipal airports at Pontiac, Michigan, and Brownsville, Texas.

United States air transport routes in Colorado include the following:

**Pueblo to Cheyenne, Wyoming**, inaugurated May 31, 1926, carries mail, passengers and express. It operates a daily service over a 200-airway-miles route with a daily plane-miles schedule of 400.

**Kansas City to Denver**, inaugurated July 29, 1929, carries passengers. It operates on a daily schedule over a 577-airway-miles route and has a daily plane-mile schedule of 1,154.

**El Paso to Denver**, inaugurated September, 1929, carries passengers. It operates on a daily schedule over a 527-airway-miles route and has a daily plane-mile schedule of 1,200.

**Amarillo to Denver**, inaugurated April 10, 1930, carries passengers. It operates on a daily schedule over a 261-airway-miles route and has a daily plane-mile schedule of 728.

Denver to Casper, inaugurated March 16, 1931, carries passengers. It operates daily over a 275-airway-miles route.

All the routes named make connections at terminals with other routes.

### INDUSTRIAL ACCIDENTS IN COLORADO

Colorado has efficient industrial laws providing for the payment of compensation to workmen for disability due to accidents or to dependents in the event of death. The law is administered by the state industrial commission, to which reports of accidents in all industrial lines except farm and ranch labor, domestic service and railway employment are made. The amount of compensation is fixed by law, but the commission conducts hearings and decides controversies arising out of the liability of the employer and the application of the compensation.

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 appointments must be confirmed by the senate. One member represents the employers, another the employees and the third the public. The plan is considered to have been effective in forestalling labor troubles in many instances, although the power of the commission to prevent strikes is limited.

The commission began to function on August 1, 1915, and from that date to November 30, 1930, a total of 255,760 accidents was reported, of which the largest number, 25,846, was reported in 1929, and the smallest, 11,358, was reported in 1919. Arising out of

these accidents there were 68,701 claims, or 26.86 per cent, filed between August 15, 1915, and November 30, 1930. Of these 66,484 of the injured were males and 2,217 were females. Fatal claims (deaths) aggregated 2,662. Of these 991, or 37.2 per cent, were in the coal industries; 496, or 18.6 per cent, in the metal industries; and 1,175, or 44.1 per cent, in miscellaneous industries. Of the 66,039 non-fatal claims filed, 14,665, or 22.2 per cent, were from accidents in the coal industry; 7,878, or 11.9 per cent, in the metal industries; and 43,396, or 65.9 per cent, were in miscellaneous industries. The average weekly wage for the entire period was \$24.14. This average is obtained under the law by taking the amount of the compensation received by the claimant in the year preceding the accident and dividing it by 52 weeks. The average weekly rate of compensation for the entire period was \$9.94.

An accompanying table shows the number of accidents, number of claims, average weekly wage and average weekly compensation by years.

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. In 1915 to 1929, inclusive, premiums paid by the employers to the various agencies aggregated \$23,680,717, and losses paid aggregated \$10,677,809. An accompanying table shows premium income and losses paid in Colorado by years.

### ACCIDENTS AND CLAIMS, WORKMEN'S COMPENSATION

|                                 | 1924    | 1925    | 1926    | 1927    | 1928    | 1929    | 1930    |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Number of accidents-----        | 17,513  | 18,143  | 19,797  | 19,571  | 19,773  | 25,846  | 22,973  |
| Number of all claims-----       | 5,660   | 5,807   | 5,584   | 5,751   | 5,312   | 5,467   | 5,150   |
| Death claims-----               | 140     | 152     | 155     | 180     | 147     | 177     | 151     |
| Non-fatal -----                 | 5,520   | 5,655   | 5,429   | 5,571   | 5,165   | 5,290   | 4,999   |
| Average weekly wage-----        | \$25.32 | \$25.02 | \$23.63 | \$25.49 | \$24.93 | \$25.12 | \$26.10 |
| Average weekly compensation---- | \$10.83 | \$10.74 | \$10.63 | \$10.77 | \$10.79 | \$11.08 | \$11.56 |

**WORKMEN'S COMPENSATION INSURANCE PREMIUMS AND LOSSES**  
(Reports of Industrial Commission)

| Year                       | Stock Companies        | Mutual Companies      | State Fund            | Yearly 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           |
| <b>Total.....</b>          | <b>\$11,870,309.33</b> | <b>\$5,380,037.70</b> | <b>\$6,430,370.60</b> | <b>\$23,680,717.63</b> |
| <b>Net Losses Paid:</b>    |                        |                       |                       |                        |
| *1915.....                 | \$ 1,738.02            | \$ 2,657.46           | \$ 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            | 1,282,487.83           |
| <b>Total.....</b>          | <b>\$6,008,897.55</b>  | <b>\$1,674,021.75</b> | <b>\$2,995,889.72</b> | <b>\$10,677,809.02</b> |

\*August 1, 1915, to December 31, 1915.

### MUSEUMS AND ZOOLOGICAL EXHIBITS

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 to explore ruins in Colorado and other states but to gather specimens in foreign countries.

One of the largest museums in the state is the Colorado Museum of Natural History, owned by the city of Denver and located in one of its parks.

The buildings were constructed at a cost of \$270,917, part of which was provided by the municipality and part

by private donations. The cost of exhibits, cases, library and furniture was \$471,533, but this figure by no means represents the value of the exhibits, many of which are rare and which would be difficult, if not impossible, to replace. 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. Contracts for part of the building were made on November 8, 1901. The east extension was completed in June, 1903, the main building was finished in July, 1908, and the south, or James wing, was completed in 1929.

There were 222,525 visitors to the museum in 1930, 199,255 in 1929 and 246,698 in 1928. The record from 1912 to 1930, inclusive, shows an admission of 3,748,478 during that period.

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 and Natural History society and comprises two departments, the department of history and the department of archaeology and ethnology. The museum contains many relics of early life in Colorado, specimens from the ruins of cliffdwellers and other ancient races that once inhabited this territory, and many valuable documents and records of great historical value. Membership in the society is confined to citizens of Colorado. Additions to its ethnological exhibits are made at frequent intervals by expeditions sent out to explore ruins of the earlier inhabitants. Further information concerning this exploration work is given elsewhere in this volume under the heading, "Archaeological."

The Denver Art museum is located in Denver 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.

The Cody Memorial museum is located on Lookout 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.

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 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.

The Canon City museum, located in Canon City, is owned by the city and contains natural history exhibits.

There are also museums connected with the State Teachers college at Greeley, the University of Colorado at Boulder, Colorado college at Colorado Springs, and the State Agricultural college at Fort Collins. The University of Colorado museum has a very large collection of prehistoric pottery, etc., from southwestern United States; about 300,000 fossils representing all geological periods from Cambrian to Pleistocene; more than 300,000 mollusks, of thousands of species; 3,200 birds and mammals; thousands of fishes, reptiles, amphibians, starfishes, sea-urchins, sponges, brachiopods, insects, etc., a mineral collection, and an extensive herbarium.

The city and county 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 at the end of 1930 contained 1,285 specimens of animals and birds. These included 40 species of mammals, one of reptiles and 148 of birds.

## MOTION PICTURE THEATERS

There were 298 motion picture theaters in Colorado on January 1, 1931, of which 138 were wired for sound, according to the Film Daily Year Book. These theaters, which include all types, are located in 214 cities and towns and their seating capacity is 119,213, exclusive of a few small theaters in the little towns. Denver leads the list, with 44 theaters with a seating capacity of 39,994; Colorado Springs is second, with 10 theaters with a seating capacity of 6,329; and Pueblo is third, with eight theaters with a seating capacity of 5,787. Seven of the Denver theaters are silent houses (not wired for sound). Colorado Springs has two silent houses and Pueblo has none. Five theaters in Denver have an aggregate seating capacity of 10,895, an average of 2,447 per theater.

Denver is a distributing center for motion picture films and equipment over a large territory and 15 branches of national distributors and independent exchanges are located in the city. There is only one establishment engaged commercially in producing films in the state.

**MARRIAGES AND DIVORCES IN COLORADO BY YEARS**  
(From the Bureau of Census Reports)

|                                       | Marriages     |          | Divorces      |          |
|---------------------------------------|---------------|----------|---------------|----------|
|                                       | United States | Colorado | United States | Colorado |
| Reported in 1916.....                 | 1,040,684     | 9,071    | 112,036       | 1,061    |
| Reported in 1922.....                 | 1,134,151     | 11,456   | 148,815       | 2,075    |
| Reported in 1923.....                 | 1,229,784     | 12,077   | 165,096       | 2,278    |
| Reported in 1924.....                 | 1,184,574     | 11,972   | 170,952       | 2,118    |
| Reported in 1925.....                 | 1,188,334     | 11,602   | 175,449       | 2,243    |
| Reported in 1926.....                 | 1,202,574     | 11,957   | 180,853       | 2,288    |
| Reported in 1927.....                 | 1,201,053     | 11,969   | 192,037       | 2,370    |
| Reported in 1928.....                 | 1,182,497     | 12,065   | 195,939       | 2,362    |
| Reported in 1929.....                 | 1,232,559     | 13,047   | 201,468       | 2,392    |
| Increase 1922 over 1916.....          | 52,789        | 2,287    | 34,980        | 1,005    |
| Increase 1923 over 1922.....          | 95,633        | 621      | 16,281        | 203      |
| Increase 1924 over 1923.....          | -45,210       | -105     | 5,856         | -160     |
| Increase 1925 over 1924.....          | 3,760         | -370     | 4,497         | 125      |
| Increase 1926 over 1925.....          | 14,240        | 355      | 5,404         | 45       |
| Increase 1927 over 1926.....          | -1,521        | 12       | 11,184        | 92       |
| Increase 1928 over 1927.....          | -18,556       | 96       | 3,902         | -8       |
| Increase 1929 over 1928.....          | 50,062        | 982      | 5,529         | 30       |
| Per cent increase 1922 over 1916..... | 5.1           | 25.2     | 31.2          | 94.7     |
| Per cent increase 1923 over 1922..... | 8.4           | 5.4      | 10.9          | 12.2     |
| Per cent increase 1924 over 1923..... | -3.7          | -0.9     | 3.6           | -7.0     |
| Per cent increase 1925 over 1924..... | 0.3           | -3.1     | 2.6           | 5.9      |
| Per cent increase 1926 over 1925..... | 1.2           | 3.1      | 3.1           | 2.0      |
| Per cent increase 1927 over 1926..... | -0.1          | 0.1      | 6.2           | 3.6      |
| Per cent increase 1928 over 1927..... | -1.5          | 0.8      | 2.0           | -0.3     |
| Per cent increase 1929 over 1928..... | 4.2           | 8.1      | 2.8           | 1.3      |
| Number per 1,000 population, 1916...  | 10.68         | ....     | 1.13          | 1.22     |
| Number per 1,000 population, 1922...  | 10.32         | 11.65    | 1.35          | 2.11     |
| Number per 1,000 population, 1923...  | 11.03         | 12.06    | 1.48          | 2.28     |
| Number per 1,000 population, 1924...  | 10.46         | 11.70    | 1.51          | 2.07     |
| Number per 1,000 population, 1925...  | 10.35         | 11.70    | 1.53          | 2.26     |
| Number per 1,000 population, 1926...  | 10.32         | 11.95    | 1.55          | 2.29     |
| Number per 1,000 population, 1927...  | 10.16         | 11.85    | 1.62          | 2.35     |
| Number per 1,000 population, 1928...  | 9.87          | 11.84    | 1.63          | 2.32     |
| Number per 1,000 population, 1929...  | 10.14         | 12.68    | 1.66          | 2.33     |

Minus sign denotes decrease.

Note—Rates of marriages and divorces for recent years have been revised to conform to the 1930 census.

### COLORADO'S TOTAL WEALTH

The bureau of the census of the department of commerce estimated the total wealth of Colorado in 1922 at \$3,229,412,000. This estimate is \$374,237,000 higher than given elsewhere in this volume under the title "Taxable and Non-taxable Property" for the year 1930. The difference arises principally in the method of making the estimates, the census bureau seeking to give the material, or tangible value of all property adjusted to the basis of actual value, while the estimate of the immigration department of the state is based on the values as assessed for taxation purposes. Also, the census bureau allowed only \$369,628,000 for the value of non-taxable property, compared with an estimate of \$1,268,712,578 made by this department. A study of the estimates given under "Taxable and Non-taxable Property" will indicate that the federal government's estimate is very much

too low on the value of property in the state exempt from taxation.

The estimates made by the census bureau on the total wealth of Colorado in 1922 are as follows:

|   |                 |
|---|-----------------|
| Realty .....                                      | \$1,758,446,000 |
| Livestock .....                                   | 100,664,000     |
| Manufacturers' machinery, tools and implements... | 86,808,000      |
| Railroads and equipment..                         | 364,963,000     |
| Motor vehicles .....                              | 59,893,000      |
| Farm implements and machinery .....               | 35,059,000      |
| Street railways, water works, etc.....            | 143,485,000     |
| Agricultural products.....                        | 51,829,000      |
| Manufactured products....                         | 125,060,000     |
| Imported merchandise.....                         | 6,207,000       |
| Mining products.....                              | 11,885,000      |
| Clothing, jewelry, furniture, etc.....            | 485,113,000     |
| Total.....  | \$3,229,412,000 |

The above item of \$1,758,446,000 value for realty in 1922 includes \$1,388,819,000 for taxed property and \$369,628,000 for property exempt from taxation. The \$3,229,412,000 value for all property in 1922 compares with an

estimate of \$2,315,310,000 in 1912 by the same authority.

The per capita value of all property in the years named as made by the census bureau was as follows:

|            |         |
|------------|---------|
| 1922 ..... | \$3,285 |
| 1912 ..... | 2,702   |
| 1904 ..... | 2,046   |
| 1900 ..... | 1,738   |

Colorado ranked 29th among the states of the Union in 1922, according to the census bureau's figures, and the state had a fraction more than one per cent of the country's total wealth. The National Industrial Conference Board, Inc., which is affiliated with numerous industrial organizations of the country, estimated the total wealth of Colorado in 1928 at \$3,505,000,000, or \$3,216 per capita. Its estimate is based on the computed growth of physical assets from 1912 to 1922, together with the assumption that in the periods before and after 1922, the growth was uniformly at the same rate.

#### 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 \$70,000 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 valuable than a gram of these gems. A gram of gold is worth only 66 cents. For about 10 years, 1913 to 1922, the Colorado deposits practically dominated the world situation, but since 1923 very lit-

tle radium has been isolated in this country. This was due to economic conditions and not to any exhaustion of supply. In 1923 a Belgium company, a subsidiary of a government-controlled concern, cut the price of radium from \$100,000 and more to \$70,000 a gram, approximately the cost of producing it from carnotite ores in this country.

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 in the discovery of radium and a world search for radioactive 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.

"Radioactivity" is a term generally applied to a class of substances, such as uranium, thorium, radium and their compounds, that possess the property of spontaneously emitting radiations capable of passing through plates of metals and other substances opaque to ordinary light. This is a result of the explosion of atoms. In a single gram of uranium, 5,000 atoms break down each second. Nevertheless, it is estimated that in spite of the large number of atoms that break down each second, it would take five billion years for even one-half of a given piece of uranium to dissipate itself spontaneously. The half-life of radium is placed at 1,520 to 2,500 years. The principal use of radium is for the treatment of cancer. It is also employed for the manufacture of luminous paints used



on watch and clock dials, electric switch buttons, keyholes and like products. It was extensively used during the world war to eliminate lights that might betray to the enemy the presence of troops.

### ARCHAEOLOGICAL

Certain areas of Colorado, principally the southwestern part of the state, are known to contain many ruins of ancient races, rich in relics showing the customs and manners of people who lived from one to three thousand years ago. The most important 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.

The Colorado state historical society, of which George Woodbury is curator, did considerable exploration work in 1928 under a permit from the government on an area in Montezuma county, 32 miles northwest of Cortez, for the purpose of obtaining specimens for the state museum. In this area have been found ruins of a city of a very early type, one of the distinguishing features of which is the remains of many secret underground passages connecting numerous towers and ceremonial chambers. This city, unlike the cliff dwellings, is on an open mesa. Excavations made in 1925 by the society on Chimney Rock mesa, 22 miles west of Pagosa Springs, revealed 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 the 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. The society has a permit to make explorations in a new area in western Colorado in 1931.

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 excavations 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 for reputable museums, universities, colleges and scientific societies under these permits.

Additional information concerning the Mesa Verde and other ruins may be found in the chapters on "National Parks and Monuments" and "Museums in Colorado" in this volume.

### ROYAL GORGE BRIDGE

The highest suspension bridge in the world spans the canon of the Arkansas river, known as the Royal Gorge, six miles west of Canon City in Fremont county. Construction work started on June 4, 1929, and the structure was dedicated on December 8, 1929. The floor of the bridge is 1,053 feet above the bed of the river. The bridge across the Grand Canon of the Colorado river at Lee's Ferry, Arizona, is 467 feet high and the bridge at Twin Falls, Idaho, across the Snake river, is 500 feet high. There is a bridge in southern France 435 feet high.

The main span of the Royal Gorge bridge is 880 feet long and the total length, exclusive of approaches, is 1,260 feet. The roadway, which provides for two-way motor vehicle and pedestrian traffic, is 18 feet wide and is protected with guard rails four and one-half feet high. The two cables upon which the bridge is suspended rest upon twin towers at both ends, 150 feet high. The cables, which were fabricated in place, contain 2,100 strands of wire of 120,000 pounds per square inch tensile strength each, comprising an aggregate of 1,300 miles of wire. The cables are anchored at each end in solid granite. Trenches four feet square and 100 feet long were cut in the stone. At the bottom of each trench 100 two-inch pipes were set three feet into the rock and fastened by a sulphur process. Twenty-one wires of the cable were placed in each pipe and forced tight with rods. Concrete was then poured into the trenches until they were level with the surrounding stone. The floor rests on

15-inch steel "I" beams, on nine lines of eight-inch steel "I" beams used for joists. The bridge floor is cambered and is six feet higher in the center than at the ends.

The bridge was built as a private enterprise. A state highway runs to the north end of the bridge. The Denver & Rio Grande Western railroad runs through the gorge just above the level of the river. The canon itself is a noted tourist attraction. The railroad crosses the river in the canon on a "hanging" bridge. The canon was discovered by Zebulon Pike in 1806, and was the scene of a notable struggle between two railroad companies in the late 70s for its possession.

### EARTHQUAKES

One of the two seismic stations in the Jesuit Seismological association for the observance of earthquakes and gathering data for seismic research is located at Regis college in Denver. It was established in 1909, and since then the instrument has never ceased recording the vibrations of the earth. A. W. Forstall, S. J., a member of the Seismological Society of America, which has its seat at Leland Stanford university, is director of the Regis college station. The instrument belongs to the class of medium period for general observations and was invented by the well-known seismologist Dr. Wiechert, of Göttingen, Germany, and was constructed by the firm of Spindler and Hoyer, of the same town.

The seismograph and the clocks by which it is regulated are located in a room on the ground floor of the administration building, which is remarkably free from changes in temperature, a condition very important for the maintenance of a perfect adjustment. It is mounted on a masonry pier that rests upon the solid earth to eliminate all disturbances originating in the building, for the slightest vibration of the floor would be recorded by the pens. It is protected from drafts by a large glass case and means have been provided for making certain adjustments without opening this case. The earthquake vibrations are registered by two delicate pens writing on smoked paper. The minutes of time as well as the hours are automatically marked off on the blank by electric connections with the clocks. The United States weather bureau and the United States coast and geodetic survey co-operate with the association

through the publication of its reports. The stations of the association also exchange telegrams immediately after large quakes have been registered in order to locate their epicenters as early as possible for the benefit of the other stations, the people and the press. This is done through the aid of "Science Service," at Washington.

The three-fold program of the association for the past 20 years has been: To collect data of seismic value by securing daily blanks; each station to analyze and interpret its observations and publish them, as well as to keep them at the disposal of all the stations of the world; and by means of these data collected from its own and other observatories, to endeavor to solve the intricate problems relating to the nature of seismic waves, their speed, their reflection, their refraction, and by means of this knowledge to arrive at a true concept of the interior conditions of the earth and its geology.

### COLORADO HOSPITALS

Colorado is well supplied with hospitals and sanitariums which rank among the best in the country in equipment and quality of service rendered the public. The American College of Surgeons, an international organization covering North and South America, conducts an annual survey of hospitals in Colorado 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 for 1930 lists 33 hospitals in the state, of which 30 are fully approved and three are conditionally approved. The conditionally approved are those which have accepted the minimum standards required but which for lack of ample time or other acceptable reasons have not completed the adoption of these requirements in detail.

The 33 hospitals approved in 1930 had a capacity of 7,025, including cribs and bassinets for the new born. This compares with 6,781 beds in 1929 and 6,624 beds in 1928. The organization's staff reported upon 40 hospitals in the state in 1929, of which 32 were approved as of October 1, 1929. Eighty per cent of the hospitals reported



upon were approved, which compares with 68.6 per cent for the United States, including the Canal Zone, Hawaii and Porto Rico. Eleven states only showed a larger per cent of approved hospitals than Colorado. The largest hospital in the country operated by the United States army, navy or public health service is located near Denver and is known as the Fitzsimons general hospital.

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.

An accompanying table gives the location, names, capacity and management of hospitals in the state approved by the college of surgeons.

#### HOSPITALS APPROVED BY THE AMERICAN COLLEGE OF SURGEONS, 1930

| Location           | Name  | Capacity | Governed by                        |
|--------------------|---|----------|------------------------------------|
| Boulder-----       | Boulder-Colorado sanitarium-----                              | 120      | Seventh Day Adventists.            |
| Boulder-----       | Community-----  | 60       | Board of Directors.                |
| Colorado Springs-- | Beth-El General-----  | 100      | Methodist Episcopal Church.        |
| Colorado Springs-- | Glockner Sanatorium and hospital-----                         | 225      | Sisters of Charity.                |
| Colorado Springs-- | National Methodist Episcopal Sanatorium for Tuberculosis----- | 70       | Methodist Episcopal Church.        |
| Colorado Springs-- | St. Francis hospital-----                                     | 125      | Sisters of St. Francis.            |
| Denver-----        | Agnes Memorial sanatorium-----                                | 158      | Board of Trustees.                 |
| Denver-----        | Beth Israel-----  | 67       | Board of Directors.                |
| Denver-----        | Children's-----   | 175      | Board of Directors.                |
| Denver-----        | *Colorado General-----  | 238      | University—Board of Regents.       |
| Denver-----        | Denver General-----   | 515      | City and county—health department. |
| Denver-----        | Fitzsimons General-----                                       | 1,843    | U. S. Army.                        |
| Denver-----        | Mercy-----  | 190      | Sisters of Mercy.                  |
| Denver-----        | National Jewish-----  | 350      | Board of Managers.                 |
| Denver-----        | Presbyterian-----   | 175      | Presbyterian Church.               |
| Denver-----        | St. Anthony's-----  | 200      | Sisters of St. Francis.            |
| Denver-----        | St. Joseph's-----   | 249      | Sisters of Charity.                |
| Denver-----        | St. Luke's-----   | 239      | Board of Managers.                 |
| Denver-----        | Sanatorium of the Jewish Consumptives' Relief Society-----    | 300      | Jewish Relief Society.             |
| Durango-----       | Mercy-----  | 42       | Sisters of Mercy                   |
| Fort Lyon-----     | United States Veterans-----                                   | 500      | Government—Veterans' Bureau.       |
| Grand Junction--   | St. Mary's-----   | 74       | Sisters of Charity.                |
| Greeley-----       | Greeley hospital-----   | 130      | County Commissioners.              |
| La Junta-----      | Atchison, Topeka & Santa Fe Railroad-----                     | 36       | Railway Hospital Association.      |
| La Junta-----      | Mennonite Hospital and Sanitarium-----                        | 80       | Board of Missions and Charities.   |
| Longmont-----      | Longmont-----   | 40       | Board of Trustees.                 |
| Pueblo-----        | Corwin-----   | 234      | Industrial corporation.            |
| Pueblo-----        | Parkview-----   | 80       | Board of Directors.                |
| Pueblo-----        | St. Mary's-----   | 162      | Sisters of Charity.                |
| Salida-----        | Denver & Rio Grande Western Railroad-----                     | 85       | Railway Employees' Association.    |
| Salida-----        | Red Cross-----  | 42       | Private—Board of Directors.        |
| Sterling-----      | St. Benedict-----   | 36       | Sisters of St. Benedict.           |
| Trinidad-----      | Mt. San Rafael-----   | 80       | Sisters of Charity.                |

\*Includes Colorado General and Colorado Psychopathic hospitals of the University of Colorado.

#### CHURCH POPULATION

The six largest religious bodies or denominations in Colorado reported a total membership or number of communicants in the state at the beginning of 1930 of 236,760. This compares with 234,184 for the same group in 1929 and 211,096 in 1925, an increase of 2,576, or 1.1 per cent, over the preceding year and 25,664, or 12.1 per cent, over 1925. The Roman Catholic church, the largest body in the country and in the world, also leads in Colorado, with the Methodist church taking second place, Presby-

terian third, Baptist fourth, Congregational fifth and Episcopal sixth.

These figures are not those of sectarian population, but, so far as they can be obtained, of communicants. The Roman Catholic church reports officially only "population," which includes practically all baptized persons; but in these figures it is represented by estimated communicants, which constitute approximately 85 per cent of its population. The official Catholic population for Colorado in 1930 was 112,954, in 1929 was 132,171 and in 1925 was 114,729. In estimating the number of communicants, the ac-



companying table is made up on the basis adopted by the Christian Herald in compiling its church census of the country. This gives the number of Catholic communicants in Colorado as 112,954 in 1930; 112,345 in 1929, and 97,510 in 1925. The same is true of the Episcopal church, the number of baptized persons in 1930 being 12,800, while the number used in the following table is 9,565, representing communicants only.

The figures on the six largest bodies are as follows:

|                    | 1925    | 1929    | 1930    |
|--------------------|---------|---------|---------|
| Catholic .....     | 97,510  | 112,345 | 112,954 |
| Methodist .....    | 44,408  | 45,581  | *45,219 |
| Presbyterian ....  | 25,539  | 27,648  | 28,976  |
| Baptist (white) .. | 22,203  | 26,100  | 26,308  |
| Congregational ..  | 12,957  | 13,000  | 13,738  |
| Episcopal .....    | 8,479   | 9,510   | 9,565   |
|                    | 211,096 | 234,184 | 236,760 |

\*As of September 1, 1929.

There were in Colorado in 1926 77 religious bodies, or congregations, with 1,688 organizations or churches reporting 352,863 members, which compares with 69 religious bodies with 1,455 organizations and 257,977 members in 1916, as reported by the department of commerce. An accompanying table gives a summary of items as reported by the census bureau for the two years, the 1926 figures being preliminary and subject to correction.

The value of church edifices repre-

sents the value of the buildings together with the land on which they stand and all furniture, organs, bells and furnishings owned by the churches and actually used in connection with church services.

Under expenditures are included running expenses, improvements, the pastor's salary, payments on debt and money actually paid for new buildings. It also includes the amount expended for benevolences, home and foreign missions, for denominational support, and all other purposes.

The data shown for Sunday schools represent Sunday schools conducted by the churches of the different denominations and do not include undenominational or union Sunday schools. These data relate entirely to what is known as the Sunday school and do not cover parochial schools, week-day religious schools, or other schools which supplement or sometimes take the place of the Sunday school.

The report for 1916 included statistics for 69 denominations, 13 of which are not shown at this census. Some have joined other denominations and their statistics are included with them, others are out of existence, etc. There are 21 denominations shown at this census not reported in 1916. All of them are not new, however, as a number were created by divisions in denominations which were shown as units in 1916.

#### SUMMARY OF CHURCH STATISTICS FOR COLORADO

| Item                                | 1926         | 1916         |
|-------------------------------------|--------------|--------------|
| Churches (local organizations)..... | 1,688        | 1,455        |
| Members .....                       | 352,863      | 257,977      |
| Male .....                          | 140,868      | 97,650       |
| Female .....                        | 179,263      | 126,943      |
| Sex not reported.....               | 32,732       | 33,384       |
| Church edifices:                    |              |              |
| Number .....                        | 1,383        | 1,162        |
| Value:                              |              |              |
| Churches reporting .....            | 1,326        | 1,144        |
| Amount reported.....                | \$22,713,155 | \$10,010,432 |
| Debt:                               |              |              |
| Churches reporting.....             | 448          | 386          |
| Amount reported.....                | \$3,248,309  | \$1,166,917  |
| Parsonages:                         |              |              |
| Value:                              |              |              |
| Churches reporting .....            | 706          | 510          |
| Amount reported.....                | \$2,957,404  | \$1,289,528  |
| Expenditures during year:           |              |              |
| Churches reporting .....            | 1,563        | 1,281        |
| Amount reported.....                | \$5,837,497  | \$2,427,365  |
| Sunday schools:                     |              |              |
| Churches reporting .....            | 1,295        | 1,216        |
| Officers and teachers.....          | 17,325       | 14,181       |
| Pupils .....                        | 163,692      | 139,406      |

## BUILDING PERMITS

The value of buildings constructed, or remodelled, in 20 cities and towns of the state in 1930 for which permits were issued was \$11,707,791. The following table shows the amounts by years and the number of towns and cities reporting:

| Year      | No. 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   |

An accompanying table shows the value of permits by cities and towns and by years.

## VALUE OF BUILDING PERMITS IN PRINCIPAL CITIES AND TOWNS

| TOWN               | 1930         | 1929         | 1928         | 1927         | 1926         |
|--------------------|--------------|--------------|--------------|--------------|--------------|
| Boulder .....      | \$ 271,684   | \$ 216,510   | \$ 326,475   | \$ 416,930   | \$ 346,710   |
| Colorado Springs.. | 926,322      | 1,030,026    | 812,495      | 577,398      | 777,361      |
| Denver .....       | 8,007,100    | 16,633,300   | 15,958,400   | 15,902,650   | 14,591,000   |
| Durango .....      | 139,718      | 162,352      | 282,249      | 205,305      | 174,780      |
| Eads .....         | 14,600       | 15,000       | 2,000        | 3,000        | 1,000        |
| Eaton .....        | 3,050        | 12,900       | 121,530      | 90,000       | .....        |
| Englewood .....    | 189,670      | 148,097      | 169,428      | 200,000      | 257,777      |
| Fort Collins.....  | 256,297      | 276,578      | 333,866      | 223,292      | 293,326      |
| Fort Morgan.....   | 102,973      | 199,965      | .....        | .....        | .....        |
| Grand Junction...  | 127,575      | 316,938      | 236,145      | 204,950      | 205,990      |
| Greeley .....      | 295,360      | 453,527      | 624,919      | 644,395      | 1,046,870    |
| Lafayette .....    | 8,800        | 1,500        | 2,750        | 1,500        | 1,500        |
| La Junta.....      | 60,000       | 1,040        | 60,000       | 200,000      | 20,000       |
| Littleton .....    | 21,710       | 30,000       | 35,000       | 10,000       | 45,000       |
| Longmont .....     | 104,730      | 127,515      | 115,000      | 105,000      | 125,000      |
| Manitou .....      | 28,052       | 25,295       | 21,225       | 23,700       | 41,320       |
| Platteville .....  | 1,050        | 23,869       | 7,000        | 3,000        | 5,000        |
| Pueblo .....       | 537,205      | 1,572,521    | 1,468,012    | 1,625,382    | 1,245,041    |
| Sterling .....     | 439,645      | 123,705      | 402,180      | 146,200      | 147,874      |
| Trinidad .....     | 172,250      | 205,000      | 255,834      | 42,000       | .....        |
| Totals.....        | \$11,707,791 | \$21,575,638 | \$21,234,508 | \$20,624,702 | \$19,325,549 |

Note—No reports were received for 1926 from Eaton, Fort Morgan and Trinidad, and none for Fort Morgan in 1927 and 1928.

## STATE CONSTITUTIONAL CONVENTION

The enabling act, an act of congress authorizing the inhabitants of the territory of Colorado to form for themselves out of the territory a state government which should be admitted to the Union on an equal footing with the original thirteen states, became a law on March 3, 1875. The constitutional convention elected by the people under the provisions of that act, composed of 38 members, held its first meeting in Denver on December 20, 1875. J. C. Wilson was elected president of the convention, and W. W. Coulson, secretary. The constitution was approved and signed by the convention on Tuesday, March 14, 1876, and ratified by the voters on July 1, 1876. The proclamation admitting Colorado into the Union was signed

by President U. S. Grant on August 1, 1876.

A measure providing for the calling of a constitutional convention to prepare a new constitution to be submitted to the electorate was voted upon at the general election on November 4, 1930, and was defeated by a vote of 93,879 for and 97,826 against the proposal.

## STATES WITH STRAIGHT-LINE BOUNDARIES

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

**COLORADO PRODUCTION OF ELECTRICITY FOR PUBLIC USE**  
(Compiled by Division of Power Resources, U. S. Geological Survey)

|   | 1930        | 1929        |
|---|-------------|-------------|
| Production (kilowatt-hours):              |             |             |
| Water power .....                         | 235,843,000 | 230,423,000 |
| Fuel power.....                           | 337,498,000 | 333,390,000 |
| Total power .....                         | 573,341,000 | 563,813,000 |
| Consumption of fuel:                      |             |             |
| Coal (short tons).....                    | 419,295     | 420,093     |
| Oil (barrels) .....                       | 8,574       | 6,328       |
| Number companies operating January 1..... | 31          | 29          |
| Number plants operated January 1.....     | 64          | 61          |
| Generator capacity (kilowatt-hours).....  | 224,516     | 222,127     |

Note—Additional information on this subject will be found in chapter "Water Power Resources."

**FOREIGN EXPORTS FROM COLORADO**

Exports from Colorado, merchandise shipped from this state to foreign countries, amounted to \$3,238,588 in the calendar year of 1930, according to advance figures of the United States department of commerce. This compares with \$4,001,887 in 1929, a decrease of \$763,299; \$3,419,934 in 1928, a decrease of \$181,346; and \$3,394,095 in 1927, a decrease of \$155,507.

The statistics are based on through export bills-of-lading and do not provide a completely accurate index of the exact volume of export shipments from the state. The through bill-of-lading represents the only available source of information indicating the export standing and the relative positions of the various states. There were 41 states and territories with larger volumes of exports than Colorado in 1929 and 10 with smaller volumes.

From the standpoint of value, mine and quarrying machinery ranked first among the exports from Colorado in 1929, being valued at \$1,445,509, and was followed by other machinery and parts, \$437,872; and lard, \$303,939. Machinery in 1929 displaced lard for second place. Other leading exports, with comparative figures for 1928, were:

|  | 1929      | 1928      |
|--|-----------|-----------|
| Iron and steel manufactures .....      | \$218,526 | \$ 94,961 |
| Vegetable food products and beverages. | 198,515   | 105,533   |
| Wood and paper and manufactures .....  | 152,169   | 57,600    |
| Other non-metallic products .....      | 141,305   | 104,857   |

Among the diversified commodities exported from Colorado in 1929 were animals and animal products, corn, prepared and mixed feeds and other feeds, including screenings; prunes, broom corn, other vegetable products, unmanufactured cotton, other textiles and manufactures, coal, coke, gas and fuel oil, bricks and tiles, asphalt and bituminous manufactures, vehicles and parts, industrial chemicals, dynamite, primers and fuses and other chemical and related products.

**COST OF TIMBERING MINES**

It costs more than \$1,000,000 a year to timber the walls and roofs of mines in Colorado to prevent caving. In 1923 a total of 5,404,933 cubic feet of round timber and 6,743,000 board feet of sawed timber was used for this purpose, the cost being \$1,195,215. The bituminous coal mines of the state used 4,811,519 cubic feet of round timber and 1,281,000 board feet of sawed timber, at a cost of \$883,820. The metal mines, other than iron mines, used 588,840 cubic feet of round and 5,453,000 board feet of sawed timber, the remainder of the total being used in the iron mines. The coal mines used almost four times as much timber in 1923 as in 1905, while the metal mines used only one-fifth the quantity of round timber and half the quantity of sawed timber used in 1905.

**NATIONAL AND STATE COMMITTEES**

The Colorado members of the Democratic national committee are George A. Collins of Denver and Mrs. Gertrude



A. Lee of Greeley. The chairman of the Democratic state committee is Walter Walker, of Grand Junction, and Paul Schreiber, Denver, is secretary.

The Colorado members of the Republican national committee are Clarence C. Hamlin, Colorado Springs, and Mrs. John E. Hillman, Delta. The chairman of the Republican state committee is Jesse F. McDonald of Leadville.

### COLORADO TROOPS IN WORLD WAR

Official figures place the number of troops furnished by Colorado for the 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."

### NUMBER OF TELEPHONES

According to data collected at the quinquennial census of electrical industries taken in 1928 by the department of commerce, there were 183,250 telephones in use in Colorado in 1927. This compares with 150,652 in 1922, an increase of 32,598, or 21.6 per cent. Of this total number, 168,442 were for the Bell system and 14,808 for all other systems or lines. The number of telephones operated by the Bell system increased 24.2 per cent between 1922 and 1927, and for other systems and lines there was a decrease of 1.4 per cent. There were 24 states reporting a larger number and 24 states (including the District of Columbia) a smaller

number of telephones than Colorado. The number of telephones in the United States increased 29.1 per cent in the period named.

The number of originating telephone calls in the state in 1927 was 312,926,084, of which 229,101,860 calls were for systems with incomes of \$10,000 or more per year. That was equal to five calls per telephone per day and 258 calls per inhabitant for the year.

### MEMBERSHIP IN ORGANIZATIONS

The membership in some of the more prominent fraternal and benevolent organizations in the state is as follows:

The Masons had 147 lodges with a membership of 33,610 in 1929. This compares with 147 lodges and 33,264 members in 1928, 147 lodges and 32,529 members in 1927 and 140 lodges and 30,251 members in 1925.

The Benevolent and Protective Order of Elks had an average membership of 15,518 in 1930.

The number of councils of the Knights of Columbus in the state in July, 1930, was 27. The total membership, including insurance and associate members, was 4,582. There were 2,009 insurance policies in force on December 31, 1930, and the amount of insurance carried was \$2,475,292.

The Boy Scouts of America had a membership of 5,963 in Colorado on January 1, 1930. This compares with 5,884 on the same date in 1929 and 4,972 in 1928.

The Young Men's Christian Association has 13 associations in the state, including three student associations, with a membership of 10,201 men and boys, of whom 4,936 are in Denver.

The Young Women's Christian Association has six associations in the state, in Denver, Boulder, Colorado Springs, Grand Junction, Fort Collins and Pueblo, with a membership in excess of 3,000, including approximately 400 high school girls' reserves.

### THE LUMBER INDUSTRY

While Colorado possesses immense quantities of timber, the production of lumber and timber products has been conducted on a comparatively small scale until recent years, when there has been a marked increase in output.

There were 140 mills in the state reporting to the census bureau in 1928, which compares with 116 in 1927, 128 in 1926, and 145 in 1925. These are classified as logging camps, merchant

mills and planing mills operated in conjunction with sawmills, veneer mills and cooperage-stock mills. Planing mills not operated in conjunction with sawmills are classified separately and are included under manufacturing. The mills here listed are those which produce lumber and timber products for re-manufacture.

Of the 140 mills reporting in 1928, one was in Class 7, mills cutting 25,000 to 49,999 thousand board feet; eight were in Class 3, those cutting 1,000 to 4,999 thousand board feet; 12 in Class 2, cutting 500 to 999 thousand board feet; and 119 mills in Class 1, cutting 50 to 499 thousand board feet.

The quantity of lumber sawed in the 140 mills reporting in 1928 was 72,257 thousand feet, board measure, which compares with 67,321 thousand feet in 1927, an increase of 7.3 per cent, and 38,917 thousand feet in 1922, an increase of 85 per cent.

The 116 mills reporting in 1927 were operated by 62 establishments and the number of persons employed was 1,310, of whom 58 were proprietors and firm members, 62 were salaried officers and employes, and 1,190 were wage earners. Salaries paid aggregated \$114,336 and wages \$1,278,030. Cost of materials, supplies, fuel and power was \$442,773, and the value of products was \$2,368,366. Horsepower employed was 4,500.

Most of the lumber sawed in the state is softwood, the only hardwood produced being cottonwood. Of the 72,257 thousand feet cut in 1928, 72,200 thousand feet was softwood and 57 thousand feet was hardwood. The kind of wood and quantity of each sawed in 1928, 1927 and 1926 are given in the following table:

| Kind                     | Quantity<br>M Ft. B. M. |        |        |
|--------------------------|-------------------------|--------|--------|
|                          | 1928                    | 1927   | 1926   |
| Cedar .....              | .....                   | .....  | 1      |
| Douglas fir.....         | 4,157                   | 3,984  | 2,895  |
| Lodgepole pine.....      | 9,875                   | 5,994  | 9,740  |
| Spruce .....             | 9,814                   | 7,388  | 10,529 |
| Western yellow pine..... | 47,038                  | 47,799 | 51,022 |
| White fir .....          | 1,316                   | 2,065  | 767    |
| Cottonwood .....         | 57                      | 71     | 324    |
| Undistributed .....      | .....                   | 20     | .....  |
| Total .....              | 72,257                  | 67,321 | 75,278 |

Colorado ranked second among the states of the Union in 1928 in the production of lodgepole pine, its output being 9,875 thousand feet, or 37.2 per cent of the total output in the United States. In 1927 Colorado ranked first. The timber is used extensively in the construction of telephone and telegraph lines.

The following table showing the number of active mills and quantity of lumber cut by years indicates the progress of the industry:

| Year      | No. Active Mills | Quantity Lumber Sawed<br>(M ft. b.m.). |
|-----------|------------------|--|
| 1922..... | 128              | 38,917                                 |
| 1923..... | 113              | 38,233                                 |
| 1924..... | 122              | 42,014                                 |
| 1925..... | 145              | 71,069                                 |
| 1926..... | 128              | 75,278                                 |
| 1927..... | 116              | 67,321                                 |
| 1928..... | 140              | 72,257                                 |

A considerable part of the timber cut in Colorado comes from the national forests, the annual output being approximately 65,000,000 board feet. The national forest service estimates standing timber of all species in these reserves at 22,160,689,000 board feet. Additional information on this subject will be found in the chapter on "National Forests."

There was produced in the planing mills of the state in 1927, including those operated in conjunction with sawmills and independent mills, products valued at \$2,525,997. The output of these mills includes dressed lumber, doors, sash, windows, frames, etc. The value of products of the independent planing mills in 1927 was \$1,678,548. The planing mill products industry is described in more detail in the tables under "Manufacturing" in this volume. Plants manufacturing wooden boxes had an output of products in 1927 valued at \$350,644. The aggregate value of lumber and timber products and products of the planing mills in 1927 was \$4,894,363.

The mills reported an output of 2,178,000 laths and 180,000 shingles in Colorado in 1928.

Colorado's increase of 7.3 per cent in lumber sawed in 1928 compares with an indicated increase of 1.1 per cent in the United States.

## 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—Memorial 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—Liberty day.

November—Thanksgiving day, by proclamation, 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.

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.

### STANDARD MOUNTAIN TIME

The 105th meridian west of Greenwich, which divides standard central time from standard mountain time as determined by congress, passes in a north and south line through Denver. However, congress gave authority to the interstate commerce commission to readjust the boundaries of time zones and under a readjustment made by the commission, all of Colorado operates on standard mountain time. The eastern boundary of this zone goes through Mandan, North Dakota; Pierre, South Dakota; McCook, Nebraska; Dodge City, Kansas, and along the western boundaries of Oklahoma and Texas. The western boundary is along the western boundary of Montana; follows the Salmon river westward; western boundary of Idaho westward; southern boundary of Idaho eastward; passes southward through Ogden and Salt Lake City, Utah, and Parker and Yuma, Arizona.

Twelve o'clock noon, U. S. standard mountain time in Colorado, compares with clocks in other cities of the United States and foreign countries as follows:

|             |             |
|-------------|-------------|
| Boston      | 2:00 P. M.  |
| Chicago     | 1:00 P. M.  |
| Cincinnati  | 1:00 P. M.  |
| Dallas      | 1:00 P. M.  |
| El Paso     | 12:00 Noon  |
| Kansas City | 1:00 P. M.  |
| London      | 7:00 P. M.  |
| Los Angeles | 11:00 A. M. |
| Melbourne   | *1:00 A. M. |
| Memphis     | 1:00 P. M.  |
| New Orleans | 1:00 P. M.  |
| New York    | 2:00 P. M.  |
| Rome        | 8:00 P. M.  |
| Paris       | 7:00 P. M.  |
| Salt Lake   | 12:00 Noon  |
| Seattle     | 11:00 A. M. |
| Washington  | 2:00 P. M.  |
| Yokohama    | 12:00 Midn. |

\*Next day.

### LYNCHING RECORD

Colorado is one of the few states of the Union in which no lynchings have occurred in the ten years ending with 1929, according to the annual summaries of the Tuskegee institute. Of 4,287 lynchings reported in the United States since 1885, only 29 were in Colorado, of which 24 were white and five were negroes. Colorado's proportion of the total is less than seven-tenths of one per cent.

### LEGAL EXECUTIONS

Thirty-six legal executions have taken place in Colorado between November 6, 1890, and November 30, 1930, inclusive. These were by years as follows:—

|       |    |
|-------|----|
| *1890 | 1  |
| 1891  | 3  |
| 1892  | 1  |
| 1895  | 3  |
| 1896  | 4  |
| 1905  | 4  |
| 1907  | 1  |
| 1908  | 2  |
| 1912  | 1  |
| 1915  | 1  |
| 1916  | 2  |
| 1920  | 1  |
| 1922  | 1  |
| 1924  | 1  |
| 1926  | 2  |
| 1928  | 2  |
| 1930  | 6  |
| Total | 36 |

\*For part of year.

### STATE CAPITOL BUILDING

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 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<br>east and west.....     | 199 feet           |
| Diameter of circular<br>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, four 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.

#### DENVER'S MOUNTAIN PARKS

Located in Jefferson, Clear Creek, Arapahoe, Douglas, Gilpin and Boulder counties, to the northwest, west and south of Denver, is a series of moun-

tain parks, all of which are connected by highways, which comprise what is known as the Denver mountain park 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 project that is similar.

The system comprises a chain or series of parks in the mountains forming somewhat of a semi-circle and extending as far west as Echo lake and the summit of Mt. Evans, the latter at an altitude of 14,262 feet above sea level, and including Lookout mountain, Bergen park, Genesee park, the Garden of the Red Rocks and other areas offering unique and attractive scenic advantages. All of the parks are connected with well-built highways and these highways tie into others radiating from Denver to the west and south. In the mountain parks are several lakes. 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. The federal government, especially the forest service, the state government and the city of Denver participated in the construction of the highway to the summit of Mount Evans. Counties in which the parks and highways are located also have contributed to the construction and maintenance of the roads.

While the establishment of this park system had been discussed as early as about 1901, the actual movement towards that end began in 1911, when committees of the civic and commercial organizations of Denver engaged in developing the idea were combined into a single general committee. In May, 1912, at a municipal election, the charter of Denver was amended so as to permit the city to acquire, own and operate properties outside of the municipality's corporate limits. The following year the legislature passed an act granting Denver eminent domain and police powers in respect to the mountain parks. The land for the park was acquired by purchase, by donations from the federal government and as gifts from individuals. A project

so unique and so extensive aroused considerable opposition and the right of the municipality to levy taxes for undertakings outside of the city was taken into court, with the result that not only did the supreme court uphold this right, but held the amendment to the city charter to be constitutional and valid. The first work undertaken was the construction of a highway from Golden to the summit of Lookout mountain, which was begun in 1913. Improvements in the parks and the acquisition of additional holdings have since continued progressively as they were needed.

The area owned by the city on June 1, 1927, was 10,295 acres, of which 4,419 acres was acquired prior to 1923. Between that year and 1927, 1,311 acres was secured through patents to parks, 4,352 acres by patents to tracts and 214 acres by deeds to parks. From 1912 to 1929, inclusive, total expenditures on the mountain parks aggregated \$1,895,153. These expenditures by years are as follows:

|      |         |            |
|------|---------|------------|
| 1912 | .....\$ | 3,864.67   |
| 1913 | .....   | 59,443.97  |
| 1914 | .....   | 87,465.15  |
| 1915 | .....   | 129,282.57 |
| 1916 | .....   | 48,093.90  |
| 1917 | .....   | 73,757.19  |
| 1918 | .....   | 72,103.05  |
| 1919 | .....   | 51,128.37  |
| 1920 | .....   | 96,623.70  |
| 1921 | .....   | 99,633.26  |
| 1922 | .....   | 151,748.26 |
| 1923 | .....   | 74,424.74  |
| 1924 | .....   | 135,711.90 |
| 1925 | .....   | 112,176.95 |
| 1926 | .....   | 98,972.24  |
| 1927 | .....   | 259,132.96 |
| 1928 | .....   | 174,712.02 |
| 1929 | .....   | 166,878.46 |

Total.....\$1,895,153.36

### 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.

One of the largest of the grants in Colorado and New Mexico is known as the Beaubien and Miranda, or Maxwell land grant, which embraces more than one million acres of land, of which approximately 380,000 acres is in Colorado. The Colorado part of the grant is 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.

## Colorado Boards, Bureaus and Commissions

IN the following tabulation is presented a list of all state boards, bureaus and commissions, as well as departments headed by individual executives but representing distinct governmental activities. Agencies which are sub-departments of other regular departments, such as the motor vehicle bureau under the secretary of state, and the factory and labor inspectors under the same official, are not reported, nor are inspectors working out of the market director's office and similar employes under other departments. To include all such officials and employes would extend the list materially. The purpose here is to list all independent and distinct agencies of the state government. Elected state and county officials are shown under the heading "Government and Political Record," as are district judges and district attorneys, and those names are not repeated here.

For brevity the following symbols have been adopted:

1. Appointed by the governor.
2. Appointed by the governor, subject to confirmation by the senate.
3. No compensation except expenses incurred in the discharge of official duties.
4. No compensation of any kind provided by law.
5. Compensation or expenses, or both, payable only from collections of the department.
6. Officer or employe is under civil service.

\* Indicates salaried executive of department.

† Indicates member ex-officio.

### BOARDS GOVERNING STATE INSTITUTIONS

**Regents, Colorado University, Boulder** (3)—Clifford W. Mills, Denver; Earl W. Haskins, La Junta; Frank H. Means, Saguache; Mrs. Jos. D. Grigsby, Pueblo; Charles D. Bromley, Fort Morgan; (one vacancy). Dr. George Norlin\*, president. Elected for six-year terms.

**Trustees, School for Deaf and Blind, Colorado Springs** (2-3)—R. H. Malone and Earl R. Hoage, Denver; G. E. West, Durango; J. A. Ritter and Asa T. Jones, Colorado Springs. T. S. McAlloney\*, superintendent.

**Trustees, School of Mines, Golden** (2-3)—Fred Steinhauer and W. H. Smiley, Denver; W. A. Way, Silverton; B. F. Hill, Cripple Creek; Robert Sayer, Central City. Dr. M. F. Coolbaugh\*, president.

**Trustees, Teachers College, Greeley, and Normal Schools, Gunnison and Alamosa** (2-3)—Mrs. Inez Johnson Lewist; C. P. Rex, Alamosa; E. M. Hedrick, Wray; T. W. Monell, Montrose; H. V.

Kepner, Denver; C. N. Jackson, Greeley; C. H. Stewart, Delta. Dr. G. W. Frasier\*, president.

**Board of Agriculture, Agricultural College, Fort Collins, and Fort Lewis School** (2-3)—Gov. Wm. H. Adams†; Dr. Charles A. Lory\*, president†; J. C. Bell, Montrose; W. I. Gifford, Hesperus; J. P. McKelvey, La Jara; H. B. Dye, Manzanola; T. J. Warren, Fort Collins; Dr. O. E. Webb, Milliken; Mrs. Mary H. Isham, Brighton; J. W. Goss, Pueblo.

**Board of Corrections, Penitentiary, Canon City; Reformatory, Buena Vista; Insane Hospital, Pueblo** (2-3)—T. A. Duke, Pueblo; Rt. Rev. Irving P. Johnson, Denver; R. J. Wann, Canon City. J. P. Allen (\*-6), acting warden penitentiary; R. L. Shaw (\*-6), warden reformatory; F. H. Zimmerman (\*-6), acting superintendent insane hospital.

**Trustees, Junior College, Trinidad** (1-4)—J. C. Caldwell, F. C. Nicholls, R. E. McClung, Trinidad.

**Trustees, Junior College, Grand Junction** (1-4)—R. E. Tope, E. W. Dinwiddie, Henry Tupper, Grand Junction.

**Board of Control, Industrial School for Boys, Golden** (2-3)—O. A. Goetz, Golden; Miss Lila O'Boyle and Oscar L. Chapman, Denver. B. T. Foxson (\*-6), superintendent.

**Board of Control, Industrial School for Girls, Morrison** (2-3)—Margaret P. Taussig, E. C. Stimson, E. S. Kassler, Leila C. Eaton, Mrs. Lelia B. Chamberlin, Denver. Miss Anna L. Cadley (\*-6), superintendent.

**Commissioners, Soldiers' and Sailors' Home, Monte Vista** (2-3)—W. C. Danks, Steamboat Springs; H. O. Neville, Denver; Susie Carr McGuire, Longmont; Donald Shakespeare, Monte Vista; E. C. Condit, Denver. John T. Greene (\*-6), commandant.

**Board of Control, Home for Dependent and Neglected Children, Denver** (1-3)—Mrs. P. C. Porter, Mrs. S. P. Thomas, Mrs. A. M. Whitaker, P. H. Holme, Mrs. Anna R. Morse, Denver. John L. McMenamin (\*-6), superintendent.

**Commissioners, Home for Mental Defectives, Ridge and Grand Junction** (2-3)—J. H. Lee and Sterling B. Lacy, Grand Junction; Rev. Val H. Higgins, Denver. Superintendents: Dr. C. L. Pershing (\*-6), Ridge; Dr. B. L. Jefferson (\*-6), Grand Junction.

### EXECUTIVE BOARDS AND COMMISSIONS

**Public Utilities Commission** (\*-2)—Worth Allen, Greeley; Dan S. Jones, Center; E. E. Wheeler, Ouray.

**Industrial Commission** (\*-2)—Thomas Annear, Denver; Wm. H. Young, Pueblo; W. E. Renshaw, Idaho Springs.

**Land Commissioners** (\*-2)—Raymond Miller, Galatea; A. H. King, Sterling; W. R. Murphy, Las Animas.

**Civil Service Commission** (\*-1)—John M. Jones, Boulder; Mrs. Clara Wilkins, Alamosa; W. T. Lambert, Sedalia.

**Board of Capitol Managers** (1-3)—William H. Adams, governor†; F. L. Birney, Geo. T. Bradley, W. H. Gates, Denver;



C. B. Noxon, Englewood. James Merrick (\*-6), superintendent of buildings.

**Military Board** (†-4)—William H. Adams, governor; L. deR. Mowry, judge advocate; A. P. Ardourel, quartermaster; R. A. Johnston, senior line officer; Col. W. C. Danks, adjutant general.

**Tax Commission** (\*-6)—E. B. Morgan and S. E. Tucker, Denver; J. R. Seaman, Fort Collins.

**Board of Health** (2-3)—Dr. Sherman Williams, Dr. Paul J. Connor, Dr. G. W. Bumpus, Denver; Dr. W. P. Gasser, Loveland; Dr. U. O. Mussick, Colorado Springs; Dr. C. A. Davlin, Alamosa; Dr. B. B. Beshoar, Trinidad; Dr. N. M. Burnett, Lamar; Dr. S. R. McKelvey (\*-6), secretary, Denver.

**Stock Inspection Commissioners** (1-3)—E. R. Mourning, Kiowa; John Welch, Eagle; J. W. Birkle, Platteville; M. J. McMillin, Carlton; C. T. Stevens, Gunnison; Frank Parsons, Weston; A. H. Tetsell, Sterling; William Hansen, Alamosa; Bruce Roup, Yampa. R. F. Lobdell (\*-6), secretary; Dr. C. G. Lamb (\*-6), veterinarian.

**Board of Immigration** (2-3)—Neil W. Kimball, Golden; Thomas Lytle, Montrose; Fred M. Betz, Lamar. Edward D. Foster (\*-6), commissioner.

**Racing Commission** (1-4)—A. P. Drew, Grand Junction; J. T. Allen, Denver; Henry Leonard, Colorado Springs; C. F. Cusack, Denver; Robert Russell, Littleton.

**Commission for the Blind** (1-3)—E. W. Pfeiffer, Mrs. H. K. Dunklee and Dr. Edward Jackson, Denver; Ray Jewel, Pueblo; H. H. Brooks, Ordway. Mrs. Kathryn Barkhausen (\*-6), executive secretary.

**Boxing Commission** (1-3)—Norton Montgomery, Edgewater; T. J. Morrissey and G. E. Hartung, Denver. W. L. Morrissey (\*-6), secretary.

**Directors, Metal Mining Fund** (1-3)—R. M. Henderson, Breckenridge; W. A. Kyner, Cripple Creek; John Harvey and J. M. Kleff, Leadville; H. A. Brown, Aspen; Alex McLellan, Boulder; J. C. Bailey, Colorado Springs; T. B. Crawford, Ouray; S. D. Collins, Creede. C. L. Colbran (\*-6), secretary.

**State Fair Commission** (1-3)—John J. Tobin, Montrose; Ray H. Talbot, Pueblo; T. P. Detamore, Denver. J. J. Clark (\*-6), secretary, Pueblo.

**Library Commission** (1-3)—Mrs. L. I. Harrington, M. G. Wyer, Denver; Mrs. J. S. Brown, Littleton; Mrs. Geo. Lerg, Lakewood.

**Gas Conservation Commission** (1-4)—S. H. Keoughan, H. C. Bretschneider, F. W. Freeman, Denver; James Ducet, state oil inspector.

**Highway Advisory Board** (1-3)—William H. Adams, governor; Peter Seerie, Denver; L. C. Moore, Fort Collins; J. H. Davis, Colorado Springs; F. H. Blair, Sterling; William Weiser, Grand Junction; E. G. Middlekamp, Pueblo; E. B. Allen, Silverton; C. D. Vail, highway engineer (\*-6).

**Uniform Laws Commission** (2-3)—Forrest Northcutt, E. L. Brock and H. W. Toll, Denver.

**Geological Survey** (3)—An ex-officio board created by statute, consisting of the governor, the metal mining commissioner and the presidents of the state university, agricultural college, school of mines and Metal Mining Association.

## EXAMINING BOARDS

**Architects** (1-5)—W. N. Bowman, R. O. Parry, G. M. Musick and F. W. Frewen, Jr., Denver; C. E. Thomas, Colorado Springs. Per diem of \$5 and actual expenses for attendance upon examinations.

**Teachers** (3)—Inez Johnson Lewist; G. E. Brown, Greeley; H. M. Corning, Colorado Springs; J. F. Keating, Pueblo; Emma T. Wilkins, Fort Collins; I. E. Stutsman, Sterling; Estelle Bogess, Grace Ellen Shoe Smith and W. H. Smiley, Denver. Appointed by the state board of education.

**Coal Mine Inspection** (5)—F. W. Whiteside, Denver; R. N. Moore, Coalmont; Thomas Llewellyn, Silt; Harold Williams, Grand Junction; James Dalrymple, chief inspector (\*-6). Three members appointed by district judges and the fourth by the governor. Board members receive no stated salary but are allowed variable per diem and expenses for attending meetings.

**Barbers** (1-5)—J. T. Brooks, Denver; C. R. Hamilton, Pueblo; Wm. Timbel, Denver. Per diem of \$8, with necessary traveling expenses.

**Nurses** (1-5)—Freida Off, Mrs. Loretta Mulherin, Ruth Colestock and Irene Murchison\*, Denver; Sadie L. Heckert, Colorado Springs.

**Medical** (1-5)—Dr. H. R. McGraw, Dr. W. W. Williams, Dr. J. G. Locke, Dr. Phillip Work, Dr. E. B. Swerdferger, Dr. D. L. Clark, Denver; Dr. Rodney Wren, Pueblo; Dr. F. R. Spencer, Boulder; Dr. V. A. Hutton, Florence. Per diem and travel expenses as fixed by the board.

**Pharmacy** (1-5)—Arthur D. Baker, Denver; J. E. Stauffer, Rifle; J. P. Murray, Colorado Springs. Per diem of \$5 and necessary travel expenses.

**Dentists** (1-3-5)—Dr. R. L. Gray, Dr. Z. T. Roberts, Dr. J. J. O'Neill, Denver; Dr. W. W. Cogswell, Pueblo; Dr. W. C. Davis, Alamosa.

**Optometry** (1-5)—J. C. Bloom, W. E. McLain, L. A. Moore, Denver; L. C. Larsen, La Junta; E. J. Haefeli, Greeley. Per diem of \$10 and necessary traveling expenses.

**Accountancy** (1-5)—G. W. Maynard, A. L. Baldwin, Julius von Tobel, Denver. Per diem of \$10 and necessary traveling expenses.

**Veterinarians** (1-3-5)—L. L. Glynn, Monte Vista; E. E. Tobin, Greeley; A. N. Carroll, Pueblo.

**Embalmers** (1-5)—Carl Meyer, Denver; G. L. Hamlik, Central City; F. J. Allnut, Greeley; Roy Campbell, Trinidad; Dr. S. R. McKelvey†.

**Engineers and Land Surveyors** (1-3-5)—M. C. Hinderlident; James Underhill, Idaho Springs; J. A. Hunter, Boulder; H. I. Reid, Colorado Springs; H. S. Sands, Denver.

**Shorthand Reporters** (1-3-5)—E. J. Braund, Montrose; Ralph Ellithorpe, Del Norte; Fuller Spruill, Denver.

**Real Estate Brokers** (1-3-5)—A. V. Dworak, Longmont; Wardner Williams, Pueblo; E. P. Gallup, Denver. A. J. Morley (\*-6), chief clerk.

**Abstracters** (1-3-5)—P. W. Allen, Greeley; E. H. Zimmerman, Steamboat Springs; C. L. Hubbard, Glenwood Springs.

**Aeronautics** (1-4)—Eddie Brooks, Dr. John Chase, Denver; P. H. Philbin, Jr., Pueblo.

**Cosmetologists** (1-5)—Mrs. L. P. Williams, Mrs. Elizabeth Powell, Denver; Mrs. G. E. Cook, Las Animas. Per diem of \$10 and necessary traveling expenses.

**Lawyers** (4)—Law Committee: W. F. Denious, Fred Farrar, I. C. Rothgerber, S. T. Wallbank, D. C. McCreery, Denver; T. E. Monson, Sterling; Fred W. Stover, Fort Collins; J. A. Phelps, Pueblo; S. H. Kinsley, Colorado Springs. Bar Committee: W. R. Kelly, Greeley; A. L. Doud, R. W. Steele, E. H. Ellis, W. E. Hutton, Denver. Appointed by the supreme court.

# INDIVIDUAL DEPARTMENTS

**Bank Commissioner** (6)—Grant McFerson\*, Boulder.

**Insurance Commissioner** (6)—Jackson Cochrane\*, Denver.

**Game and Fish Commissioner** (6)—Roland G. Parvin\*, Denver.

**Printing Commissioner** (6)—Alfred T. May\*, Denver.

**Metal Mines Commissioner** (6)—John T. Joyce\*, Durango.

**Interstate Water Compact Commissioner** (1)—D. E. Carpenter, Greeley. Compensation fixed by the governor and the attorney general.

**Budget and Efficiency Commissioner** (1)—J. A. Bixby\*, Denver.

**Inspector of Building and Loan Associations** (6)—Eli M. Gross\*, Denver.

**Oil Inspector** (6)—James Duce\*, Boulder.

**Boiler Inspector** (6)—W. M. Crowley\*, Denver.

**State Engineer** (6)—M. C. Hinderlider\*, Denver. (For division irrigation engineers and water commissioners see Pages X-XI, Session Laws 1931.)

**State Librarian**—Inez Johnson Lewis†; Mrs. Annie P. Hyder (\*-6), assistant.

**Director of Markets** (6)—John J. Tobin\*, Montrose.

# MISCELLANEOUS

**Bureau of Child and Animal Protection** (4)—William H. Adams†, Mrs. Inez Johnson Lewis†, C. L. Ireland†, E. A. Colburn, Frank S. Byers, W. W. Watson, Denver. E. K. Whitehead (\*-6), secretary. All except ex-officio members appointed by the Colorado Humane Society.

**Board of Education** (†-4)—Mrs. Inez Johnson Lewis, Charles M. Armstrong, C. L. Ireland.

**Board of Equalization and Auditing Board** (†-4)—Composed of the governor, secretary of state, auditor, treasurer and attorney general. John E. Davidson (\*-6), secretary.

**Historical and Natural History Society** (4)—William H. Adams†, Henry A. Dubbs, Ernest Morris, A. J. Flynn, Ralph Hartsell, F. S. Byers, L. D. Sweet, E. W. Robinson, G. W. Skinner, Jr., T. R. Field, Denver. Alfred B. Sanborn\*, curator. Members elected by the society.

**Child Welfare Bureau**—R. J. Walters, Miss Emily Griffith, Denver; J. D. Heilman, Greeley; Mrs. Charles A. Lory, Fort Collins; Mrs. Frederick Haver, Boone. Mrs. Estelle N. Matthews (\*-6), executive secretary. Three members appointed by the governor and two by the superintendent of public instruction.

**Board of Hail Insurance**—D. C. Royer, Greeley; P. O. Wells, Colorado Springs; C. W. Swayze, Denver. T. P. Detamore (\*-6), commissioner. Members appointed by the state board of agriculture. Per diem of \$7 and necessary traveling expenses for meetings.

**Public Trustees** (\*-2-5)—C. L. Starrett, Colorado Springs; J. F. Redman, Greeley; R. A. Nicholas, Fort Collins; F. F. Dolan, Boulder; Bertram Beshoar, Trinidad; W. S. Peck, Denver; M. J. Kochevar, Pueblo; Walter Johnson, Golden. Fee office, maximum salary depending upon classification of the county.

**Poet Laureate** (1-4)—Nellie Burget Miller, Colorado Springs.





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