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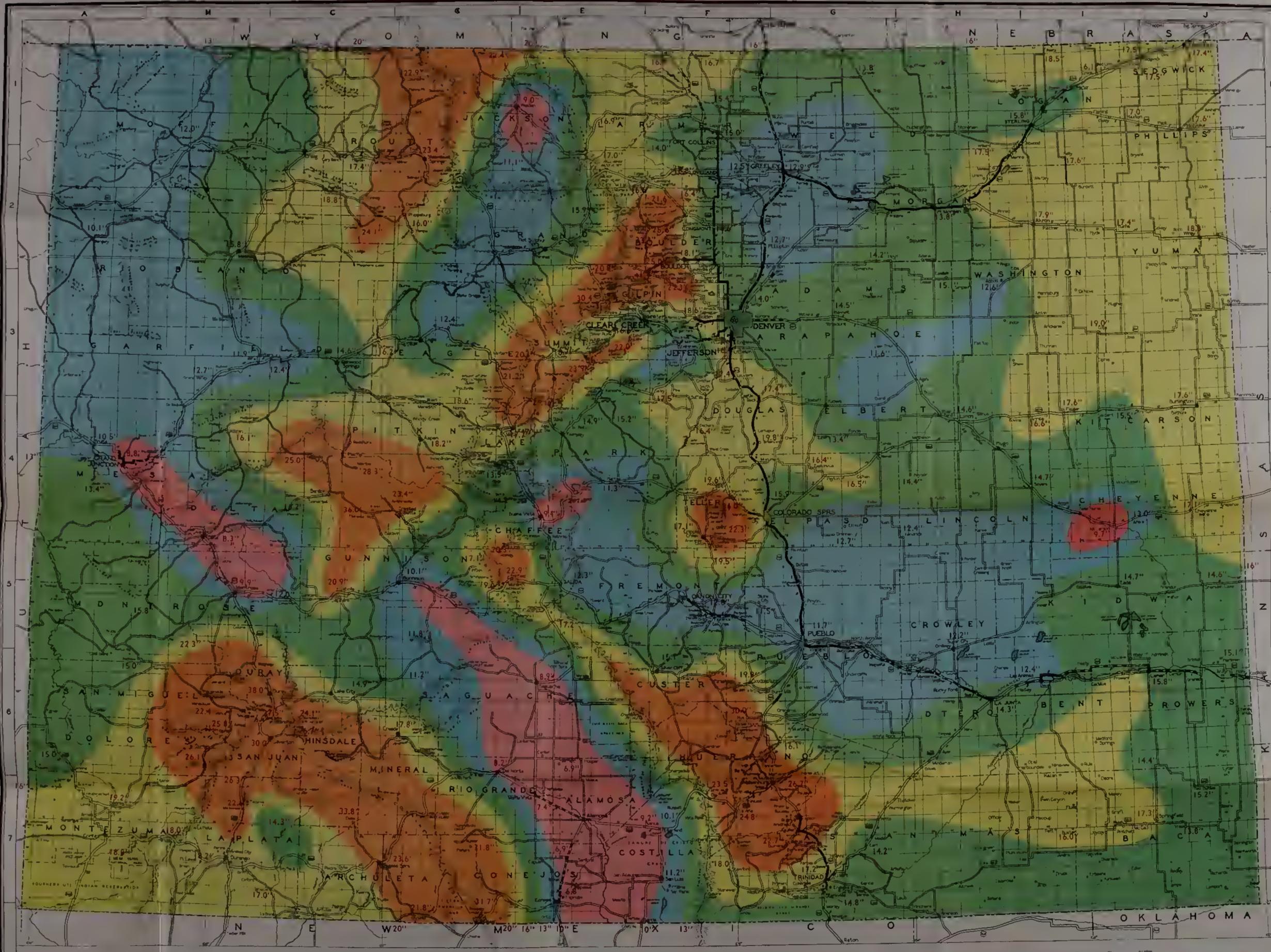
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MAP SHOWING RAINFALL AREAS IN COLORADO

Red figures indicate average annual rainfall in inches at Government Gauge Stations

Index of Incorporated Places Showing Population and Key to Map

City	Population	County
Alamosa	1,100	Alamosa
Aspen	1,100	Aspen
Boulder	1,100	Boulder
Canon City	1,100	Canon City
Colorado Springs	1,100	Colorado Springs
Denver	1,100	Denver
Durango	1,100	Durango
Fort Collins	1,100	Fort Collins
Greeley	1,100	Greeley
Grand Junction	1,100	Grand Junction
Leadville	1,100	Leadville
Monte Vista	1,100	Monte Vista
Pueblo	1,100	Pueblo
Salida	1,100	Salida
Steamboat	1,100	Steamboat
Telluride	1,100	Telluride
Windsor	1,100	Windsor
Yule	1,100	Yule
...

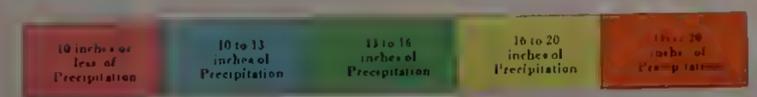


LEGEND
 Paved Highways
 Surfaced Highways
 Gravelled Highways
 Other Roads
 U. S. Highways

The Rainfall data shown on this map has been taken from the records of the United States Weather Bureau and covers observations for thirty years. Only averages are used, there being in many cases a wide range in the rainfall from year to year.

The Colorado State Board of Immigration

Published for
 by The Brailford-Robinson Printing Co., Denver





YEAR BOOK

of the

STATE OF COLORADO

1932

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DETROIT, MICH.



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

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THIS edition marks the fourteenth 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, as edited and revised by the Colorado Co-operative Crop Reporting Service, 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

November, 1932

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 have 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, eight counties—Archuleta, Clear Creek, Conejos, Costilla, 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
1931	37,174,876

Of the area in private ownership in 1931, the tax commission classifies 35,194,697 acres as agricultural land. This is equal to 53.5 per cent of the entire land area of the state. The area classified as agricultural land is divided as follows:

	Acres
Fruit land	20,793
Irrigated land	2,102,843
Natural hay land	391,427
Dry farming land	11,478,779
Grazing land	21,200,855
Total	35,194,697

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 northwestern 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 13,323,566 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 five 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 de-

partment 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, 8,768.87 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. Total alien land in the park is 790 acres.

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

Great Sand Dunes national monument, located in Saguache and Alamosa counties in the San Luis valley, and embracing approximately 46,000 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. The favorite summer vacation sport in the park is horseback riding, more than 1,500 horses being used in the park. The government has constructed 200 miles of trail in the park, connecting points of interest.

Total government appropriations made for the Rocky Mountain national park from 1917 to 1932, inclusive, aggregated \$1,104,711, of which \$973,669 had been expended up to June 30, 1932. 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	104,880.57
1932	118,800	.....

*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	73,101
1931	265,663	75,429

(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 \$665,895, of which \$590,220.76 had been expended up to June 30, 1931. 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	95,799.70
1932	57,300	.....

*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	1,256
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
1931	18,003	5,334

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

Great Sand Dunes national monument was created by President Hoover in a proclamation signed on March 17, 1932. It lies on the western slope of the Sangre de Cristo mountain range in the central-southern part of the state mostly in Saguache county and extending over into Alamosa county. The area is noted for its peculiar and colorful formations arising out of wind-shifted sands in past ages.

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
1931	16,000

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
1931	264

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
1931	440

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 cli-

matic 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 64.

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.

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

The deepest hole ever bored into the earth in Colorado, as far as records disclose, is a test well drilled for oil near Longmont. Boulder county, by the A. A. Rollestone 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 28 railroad and terminal companies operating in Colorado, operating an aggregate of 4,973 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 1931 was \$170,411,240.

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.....	395.41
Chicago, Rock Island & Pacific Railroad Company.....	165.85
Colorado-Kansas Railroad Co.....	22.20
Colorado & Southern Railroad Co.	767.83
Colorado & Southeastern Railroad Company	6.27

Colorado & Wyoming Railroad Company	40.14
Crystal River Railroad Company.	20.66
Crystal River & San Juan Co.....	7.32
Denver & Inter-Mountain Railroad Company	11.57
Denver & Rio Grande Western Railroad Company.....	1,444.53
Denver & Salt Lake Railroad Co.	252.00
Great Western Railway Company	86.58
Greeley Terminal Railway Co.....	1.60
Laramie, North Park & Western Railroad Company.....	43.88
Manitou & Pikes Peak Railway Company	8.90
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 504,190 miles of wire in 1931. The valuation of all telephone property owned by these companies as determined by the state tax commission for taxation purposes was \$17,279,370 in 1931. 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 28,217 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 Río Grande del Norte.

The territory of Utah was organized in 1850. It extended east to the main range of the Rocky mountains, including nearly one-half of what is now Colorado. In 1854 the territories of Kansas and Nebraska were created by the famous Kansas-Nebraska act. Kansas territory then extended west to the territory of Utah, the southern boundary being the territory of New Mexico, which at that time extended north to the Arkansas river, and the northern boundary being at the 40th parallel, which passes near the present site of the city of Brighton. That part of what is now Colorado, lying north of this parallel and extending west to the boundary of Utah territory, was included in Nebraska territory.

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

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

Steele was elected as the first governor of "Jefferson Territory." The following counties were provided for in the organization of the so-called "Jefferson Territory": Arapahoe, Cheyenne, El Paso, Fountain, Jackson, Jefferson, Mountain, North Park, Saratoga, Steele and St. Vrain.

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

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

In the western part of the state settlers came in contact with the Ute Indians. In 1868 a treaty had been made between these Indians and the government by which the government confirmed their title to a large tract of land in the southern and western parts of the state. After the discovery of rich 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 Land Classification by Counties

COUNTY	Area Acres	Fruit Land	Irrigated Land	Natural Hay Land	Dry Farming Land	Grazing Land	Miscellaneous ¹	Productive Coal Land	Non-Productive Coal Land	Timber Land	Metal-liferous Mining Claims Non-Prod.	Railroad Rights-of-Way	Town and City Lots	Total Patented Lands	Un-classified as to Ownership ²	Government Land Open to Homesteaders	State Land	National Forests	Total Non-Patented Lands	Area Acres	COUNTY	
Adams	307,680		81,329	17,232	515,634	119,994	15,650															Adams
Alamosa	465,280		18,709	37,500	115,800	117,285																Alamosa
Arapahoe	538,880		10,479	570	10,157	222,369	9,870	636		1,960	207	1,583	850	258,681	*3,642	102,661	18,150	404,950	525,761	780,800	Arapahoe	
Archuleta	780,800																					Archuleta
Baca	1,633,280		2,750		974,540	556,255							440	1,533,985	67,822	799	30,674		31,473	1,633,280	Baca	
Bent	975,360		48,670		669,471	669,471	9,913					1,941	1,525	788,751	44,781	3,486	138,342		141,828	975,360	Bent	
Boulder	488,960		81,955	18,110	29,505	130,190	5,847	220	1,871		12,260	3,840	8,250	292,048	*61,194	3,360	7,022	125,336	135,718	488,960	Boulder	
Chaffee	693,120		24,569		76,746						11,000	3,670	2,910	118,895	40,819	90,771	17,988	424,647	533,406	693,120	Chaffee	
Cheyenne	1,137,280				838,967	235,571	16					1,579	960	1,077,093	6,046	222	53,919		54,141	1,137,280	Cheyenne	
Clear Creek	249,600				37,543						21,300	1,040	806	60,689	*1,297	16,842	2,040	171,326	190,208	249,600	Clear Creek	
Conejos	801,280		86,480	9,920	161,576						475	1,352	1,250	261,053	*47,310	249,756	61,596	276,185	587,537	801,280	Conejos	
Costilla	753,400		76,760	20,996	6,264	219,235	457,145				401	1,589	675	783,065	*24,665				758,400	753,400	Costilla	
Crowley	517,120	113	42,072		9,947	374,486						785	785	428,188	27,310	930	60,692		61,622	517,120	Crowley	
Custer	478,080		5,632	11,877	6,805	237,526					3,771	447	485	266,543	17,591	12,220	13,117	168,609	103,946	478,080	Custer	
Delta	768,640	8,211	53,420		21,736	58,673	126,084	248	1,918			750	1,100	272,140	174,048	132,500		189,952	322,452	768,640	Delta	
Denver	37,120		5,855									26,401		35,006	1,536		578		578	37,120	Denver	
Dolores	667,520		595		20,213	182,579			212	1,554	2,115	420	160	207,848	72,927	49,771	8,530	328,444	386,745	667,520	Dolores	
Douglas	540,800		6,205	7,648	66,548	299,944						2,468	675	383,488	12,063	80	8,815	136,354	145,249	540,800	Douglas	
Eagle	1,036,800		27,033		1,213	130,623					4,034	2,566	375	166,744	¹⁰ 133,228	124,960	17,626	594,242	736,828	1,036,800	Eagle	
Elbert	1,188,480		11,808		344,102	725,666						2,810	440	1,084,826	26,788	200	76,666		76,666	1,188,480	Elbert	
El Paso	1,357,440	170	20,510	1,910	216,420	745,040	10,195	290	1,120		1,627	6,375	15,250	1,018,907	44,759	1,926	191,308	100,540	293,774	1,357,440	El Paso	
Fremont	996,480	2,039	14,492	1,200	48,177	302,533	400	3,000	2,000		4,259	2,931	1,275	382,306	148,250	338,403	57,604	69,917	465,924	996,480	Fremont	
Garfield	1,988,480	747	53,187		28,002	259,016		3,747	1,020		76	4,075	995	350,865	566,496	550,088	1	521,030	1,071,119	1,988,480	Garfield	
Gilpin	84,480					29,133					17,248	1,002	495	47,878	*25,615	3,480	1,239	57,498	62,217	84,480	Gilpin	
Grand	1,194,240		31,525			234,368				39,258	1,462	2,243	425	309,281	*225,732	64,090	64,857	530,280	659,227	1,194,240	Grand	
Gunnison	2,034,560		37,286			293,655	5,572	861	9,865	1,370	21,359	2,250	1,880	374,098	164,054	347,150	19,053	1,130,205	1,495,408	2,034,560	Gunnison	
Hinsdale	621,440		2,355		360	18,265					5,528	237	175	25,930	*40,435	108,230	8,239	518,476	634,945	621,440	Hinsdale	
Huerfano	950,000	37	12,415	3,305	22,408	630,702		1,195	1,445		40	2,945	1,250	575,742	47,044	52,705	44,922	139,587	237,214	950,000	Huerfano	
Jackson	1,044,480			59,191	72	246,764	10	15	2,124	1,120	742	1,100	144	321,282	97,227	170,760	51,309	403,902	625,971	1,044,480	Jackson	
Jefferson	517,120		51,000		28,805	256,847	19,780	88				2,520	5,750	364,790	42,079	880	13,307	96,064	110,251	517,120	Jefferson	
Kiowa	1,150,720				746,232	290,001					2,190	220	1,042,003	45,893	571	52,253		52,253	52,824	1,150,720	Kiowa	
Kit Carson	1,381,760		471	3,575	1,004,884	297,513	3,360					1,499	975	1,308,918	15,119	343	57,380		57,723	1,381,760	Kit Carson	
Lake	237,440			4,836		23,877					32,138	2,325	1,250	64,427	*11,855	23,950	1,726	159,183	184,869	237,440	Lake	
La Plata	1,184,640	99	42,394		28,529	359,317	483	507	4,596	1,573	4,576	3,030	1,525	445,929	189,915	152,203	15,611	379,981	547,795	1,184,640	La Plata	
Larimer	1,682,560	1,084	105,383	15,350	24,050	612,622	8,143					3,020	4,400	774,052	215,220	22,500	70,901	598,787	692,288	1,682,560	Larimer	
Las Animas	3,077,760		25,953	6,071	68,930	2,483,709	541	2,616	44,603	113,207		5,845	7,250	2,758,835	*94,786	38,003	155,535	30,601	224,139	3,077,760	Las Animas	
Lincoln	1,644,800		3,090		903,406	581,492						1,822	1,350	1,491,150	27,064	1,316	125,260		126,576	1,644,800	Lincoln	
Logan	1,166,080		72,681	16,080	568,000	333,440						3,334	2,010	995,545	25,859	1,240	143,435		144,576	1,166,080	Logan	
Mesa	2,024,320	6,249	44,880		49,434	382,855	452	3,108				3,105	4,000	494,033	*191,718	763,138	1	575,380	1,338,519	2,024,320	Mesa	
Mineral	554,240		1,712	2,387		16,211	6,944				2,930	435	425	31,044	*5,532		879	528,049	528,728	554,240	Mineral	
Moffat	2,981,120		11,308	3,620	34,434	945,011	5,186		5,398		599	140	675	1,007,371	*316,587	1,408,081	207,100	41,981	1,657,152	2,981,120	Moffat	
Montezuma	1,312,540	667	36,311		44,294	232,037	4,195	50	40	400	572	1,568	730	320,864	*502,180	221,502	35,283	232,811	489,596	1,312,540	Montezuma	
Montrose	1,448,960	1,008	53,573		23,500	206,152	112,590				4,307	1,310	1,090	413,530	207,555	514,710	199	312,956	827,865	1,448,960	Montrose	
Morgan	823,040		81,092	2,200	245,680	414,635						2,271	2,010	748,888	13,232	640	60,280		50,920	823,040	Morgan	
Otero	805,760	369	75,733		10,140	542,535	2,060					2,360	2,150	635,347	48,831	1,261	120,321		121,582	805,760	Otero	
Ouray	332,160		9,620	2,340	3,400	129,430	5,250		387	1,360	14,135	1,060	910	167,892	9,354	25,220	3,153	126,531	154,904	332,160	Ouray	
Park	1,434,880			22,700	5,184	439,601			2,969		12,987	3,854	785	488,080	158,364	68,120	92,675	627,641	788,436	1,434,880	Park	
Phillips	440,320				376,384	31,593						908	895	409,780	12,973		17,567		17,567	440,320	Phillips	
Pitkin	652,160		16,248		170	53,763			4,724		11,438	2,155	450	88,958	59,719	13,007	1,292	489,184	503,483	652,160	Pitkin	
Prowers	1,043,200		92,880	2,650	631,325	230,275	10,808					2,021	1,060	971,019	25,062	873	45,246		46,119	1,043,200	Prowers	
Pueblo	1,557,120		40,170		80,340	1,042,823	14,690					5,132	17,250	1,201,405	80,553	13,069	233,055	28,938	275,062	1,557,120	Pueblo	
Rio Blanco	2,062,720		21,824	1,910	20,929	310,578			5,113			195	400	361,049	279,557	1,060,214		361,900	1,422,114	2,062,720	Rio Blanco	
Rio Grande	574,720		66,016	25,541		130,595	433				1,886	1,313	955	225,770	24,056	75,187	14,658	233,049	323,894	574,720	Rio Grande	
Routt	1,477,760		41,583		51,893	469,375	2,205	800	50,387	14,116	520	2,437	800	634,216	159,734	54,488	70,298	559,024	683,810	1,477,760	Routt	
Saguache	2,005,120		37,640	49,000		266,025	203,227				4,900	2,680	1,150	564,622	148,068	321,010	97,002	874,418	1,292,430	2,005,120	Saguache	
San Juan	289,920					200				195	23,721	913	560	25,589	23,287	45,023	7,422	187,599	241,044	289,920	San Juan	
San Miguel	824,320		7,118		5,959	216,550			150	1,144	9,262	1,193	240	242,616	72,982	310,340	21,599	176,783	808,722	824,320	San Miguel	
Sedgwick	339,840		19,529	5,774	187,842	92,788						802	875	307,610	10,200		22,030		22,030	339,840	Sedgwick	
Summit	415,360		6,210		33,570					350	29,954	1,718	450	72,262	52,862	13,680	961	275,595	290,236	415,360	Summit	
Teller	350,080			2,042	21,142	127,179				2,284	30,720	2,562	1,250	187,179	17,504	28,207	10,591	106,599	145,397	350,080	Teller	
Washington	1,613,440		7,641		1,144,171	330,227						1,090	1,100	1,484,229	34,465	1,040	93,706		94,746	1,61		

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 % of U. S.	Rank Among 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, 1931 (acres)---	7,657,140	177,101,551	4.32	9
Area in national forests 1931 (acres)---	13,323,566	160,787,687	8.29	4
Area in national parks and monuments 1929 (acres)-----	156,600	4,341,220	3.61	5
Visitors to national parks (1931)-----	283,666	†3,152,845	8.99	---
Value all property (1922)-----	\$3,229,412,000	\$320,803,862,000	1.01	29
Value manufactured products (1929)---	\$306,071,031	\$70,434,863,443	0.43	34
Value all farm property (1930)-----	\$795,387,096	\$57,245,514,269	1.39	23
Gasoline taxes (1930)-----	\$6,144,626	\$494,683,410	1.24	32
Developed water power Jan. 1, 1929, (horsepower)-----	98,000	13,808,000	0.71	27
Water power, potential h. p. available 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 1921-1929-----	\$150,966,000	\$476,675,000	31.67	1
Tons of beet sugar manufactured (1921- 1929)-----	2,885,000	8,659,000	33.32	1
Livestock on farms, value (1930)-----	\$116,920,000	\$5,864,969,000	1.99	18
Farm value 75 crops (1930)-----	\$121,430,000	\$6,274,427,000	1.94	22
Gold produced, value (1929)-----	\$4,553,700	*\$45,651,400	9.97	5*
Silver produced, value (1929)-----	\$2,353,642	*\$32,687,754	7.20	6
Lead, mine production in short tons (1928)-----	26,751	627,153	4.27	5*
Zinc, mine production, short tons (1927)-	35,865	718,541	4.99	6*
Copper produced, pounds (1929)-----	10,519,784	*2,002,863,135	0.53	10*
Volume wholesale business in 1929 (1930 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, 1930-----	4,972	249,052	2.00	23
Motor vehicles registered (1930)-----	308,509	26,523,779	1.16	27
State net governmental costs (1928)---	\$17,412,123	\$1,877,184,189	0.93	36
Highway mileage, all types (1928)-----	63,305	3,016,281	2.26	21
Prohibition convictions in federal courts (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 of products (1929)-----	\$11,773,612	\$1,526,110,811	0.77	22
Butter, value manufactured products (1929)-----	\$9,854,633	\$1,066,172,052	0.92	20
Cheese value (1929)-----	\$846,964	\$110,644,732	0.77	14
Condensed and evaporated milk, value of output (1927)-----	\$2,499,374	\$200,086,091	1.25	14
Canning and preserving, fruits, vege- tables, etc., value (1927)-----	\$3,487,252	\$572,428,049	0.61	22
Slaughtering and packing, value of pro- ducts (1927)-----	\$30,538,016	\$3,057,215,718	1.00	20
Mining machinery, value of manufactures (1927)-----	\$3,329,797	\$35,259,263	9.44	3
Flour and other grain mill products, value (1927)-----	\$13,267,581	\$1,148,760,360	1.15	23
Est. barrels of oil recoverable from Ter- tiary shale-----	47,625,598,000	75,335,721,000	63.22	1
Coal produced, tons, (1929)-----	9,920,741	608,816,788	1.63	9
Petroleum output, barrels, bureau of 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- ical survey estimate, figures in millions of tons-----	213,071	1,441,395	14.78	1
Lodgepole pine cut, in board feet (1930)	15,426,000	30,401,000	50.74	1

*Includes Alaska.

†Includes Alaska and possessions.

LAND CLASSIFICATION BY PERCENTAGES

COUNTY	Area Acres	Patented Land %	Homestead Land %	National Forests %	State Land %	Non-Patented Land %
Adams	807,680	93.58	....	....	3.62	3.62
Alamosa	465,280	64.77	10.06	6.24	10.01	26.31
Arapahoe	538,880	95.81	....	....	2.72	14.54
Archuleta	780,800	33.13	13.15	51.86	2.32	67.33
Baca	1,633,280	93.92	0.05	....	1.88	1.93
Bent	975,360	80.87	0.36	....	14.18	14.54
Boulder	488,960	59.73	0.69	25.63	1.44	27.76
Chaffee	693,120	17.15	13.10	61.27	2.60	76.97
Cheyenne	1,137,280	94.71	0.02	....	4.74	4.76
Clear Creek	249,600	24.31	6.75	68.64	0.82	76.21
Conejos	801,280	32.58	31.17	34.47	7.69	73.33
Costilla	758,400	103.25	....	....	....	....
Crowley	517,120	82.80	0.18	....	11.74	11.92
Custer	478,080	55.75	2.56	35.27	2.74	40.57
Delta	768,640	35.41	17.24	24.71	....	41.95
Denver	37,120	94.30	....	....	1.55	1.55
Dolores	667,520	31.14	7.46	49.20	1.28	57.94
Douglas	540,800	70.91	0.01	25.21	1.63	26.85
Eagle	1,036,800	15.21	12.05	57.32	1.70	71.07
Elbert	1,188,480	91.28	0.02	....	6.45	6.47
El Paso	1,357,440	75.06	0.14	7.41	14.09	21.64
Fremont	996,480	38.37	33.96	7.02	5.78	46.76
Garfield	1,988,480	17.64	27.66	26.20	....	53.86
Gilpin	84,480	56.67	4.12	68.01	1.47	73.60
Grand	1,194,240	25.90	5.37	44.40	5.43	55.20
Gunnison	2,034,560	18.39	17.06	55.55	0.94	73.55
Hinsdale	621,440	4.33	17.42	73.73	1.33	92.48
Huerfano	960,000	70.39	5.49	14.54	4.68	24.71
Jackson	1,044,480	30.76	16.35	38.67	4.91	59.93
Jefferson	517,120	70.54	0.17	18.58	2.57	21.32
Kiowa	1,150,720	90.55	0.05	....	5.41	5.46
Kit Carson	1,381,760	94.73	0.02	....	4.15	4.17
Lake	237,440	27.13	10.09	67.04	0.73	77.86
La Plata	1,184,640	37.73	12.85	32.08	1.32	46.25
Larimer	1,682,560	46.00	1.34	35.59	4.21	41.14
Las Animas	3,077,760	89.64	1.23	0.99	5.05	7.27
Lincoln	1,644,800	90.66	0.08	....	7.62	7.70
Logan	1,166,080	85.38	0.11	....	12.30	12.41
Mesa	2,024,320	24.41	37.70	2.84	....	40.54
Mineral	554,240	5.60	....	95.27	0.12	95.39
Moffat	2,981,120	33.79	47.23	1.41	6.94	55.58
Montezuma	1,312,640	24.44	16.87	17.74	2.69	37.30
Montrose	1,448,960	28.54	35.52	21.60	0.01	57.13
Morgan	823,040	90.99	0.08	....	7.20	7.28
Otero	805,760	78.85	0.16	....	14.93	15.09
Ouray	332,160	50.55	7.59	38.09	0.95	46.63
Park	1,434,880	34.02	4.75	43.74	6.11	54.60
Phillips	440,320	93.06	....	....	3.99	3.99
Pitkin	652,160	13.64	1.99	75.01	0.20	77.20
Prowers	1,043,200	93.08	0.08	....	4.34	4.42
Pueblo	1,557,120	77.16	0.84	1.86	14.97	17.67
Rio Blanco	2,062,720	17.50	51.40	17.54	....	68.94
Rio Grande	574,720	39.46	13.26	40.55	2.55	56.36
Routt	1,477,760	42.92	3.69	37.83	4.76	46.28
Saguache	2,005,120	28.11	16.01	43.61	4.84	64.46
San Juan	289,920	8.83	15.87	64.71	2.56	83.14
San Miguel	824,320	29.43	37.65	21.45	2.62	61.72
Sedgwick	339,840	90.52	....	....	6.48	6.48
Summit	415,360	17.40	3.28	66.31	0.23	69.82
Teller	350,080	53.47	8.06	30.45	3.03	41.54
Washington	1,613,440	91.99	0.06	....	5.81	5.87
Weld	2,574,080	89.38	0.09	....	6.85	6.94
Yuma	1,514,880	95.27	0.04	....	3.62	3.66
State	66,341,120	56.04	11.54	20.10	4.64	36.28

Note.—Owing to inaccuracies in surveys and other causes, the figures for some 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.

RANK OF COUNTIES IN THE STATE

COUNTY	Area	Population (1930)	Bank Deposits (Dec. 31, 1931)	Agricultural Values (1931)	Dairy Cattle Values (1931)	Range Cattle Values (1931)	Value Sheep (1931)	Value Swine (1931)	Metal Mining (1930)	Coal Mining (1931)	Manufacturing (1919)	Miles Railroad (1931)	Number Autos (1931)	Miles Highways (1932)	Assessed Valuation (1931)
Adams	35	12	30	6	4	45	50	6	20	--	9	13	12	15	14
Alamosa	53	30	22	38	36	42	26	30	--	--	23	42	29	40	42
Arapahoe	48	10	19	25	10	48	39	26	22	--	23	34	8	36	19
Archuleta	38	48	56	50	40	38	16	44	--	24	29	33	54	42	39
Baca	11	22	35	5	34	12	40	9	--	--	48	44	22	17	35
Bent	31	29	31	18	31	28	29	24	--	--	33	26	27	28	22
Boulder	51	7	5	12	8	46	48	25	16	5	5	14	6	33	6
Chaffee	41	31	21	49	44	49	43	37	19	--	13	27	32	50	28
Cheyenne	26	46	54	34	46	22	37	21	--	--	59	32	43	32	29
Clear Creek	60	51	52	61	60	61	57	--	13	--	45	57	51	55	47
Conejos	37	25	41	21	29	37	3	18	--	--	20	38	37	35	44
Costilla	40	38	58	30	56	56	23	32	--	--	39	31	47	53	51
Crowley	50	36	40	27	38	41	42	28	--	--	19	55	36	27	48
Custer	52	52	53	42	42	44	47	45	--	--	57	60	52	30	57
Delta	39	18	17	11	12	21	10	27	--	11	30	30	18	37	32
Denver	63	1	1	--	52	--	--	--	--	--	1	37	1	--	1
Doloros	42	58	--	57	58	53	21	52	7	--	61	59	61	54	63
Douglas	47	47	39	47	7	23	44	38	--	--	18	16	41	34	18
Eagle	29	44	45	40	37	20	17	42	2	--	53	24	44	45	31
Elbert	22	34	32	28	16	15	32	13	--	19	59	23	34	5	23
El Paso	19	4	3	31	2	13	41	15	--	8	10	4	3	9	5
Fremont	30	14	8	33	30	40	51	34	--	7	7	12	15	49	11
Garfield	8	23	10	19	15	8	1	20	--	--	14	32	10	26	15
Gilpin	62	60	51	60	63	59	62	--	10	--	51	52	57	62	50
Grand	21	53	47	44	41	30	30	51	--	--	21	28	49	47	33
Gunnison	5	40	24	41	35	7	11	49	15	6	40	5	38	43	9
Hinsdale	44	63	--	58	61	57	46	--	--	--	62	61	63	59	60
Huerfano	32	16	13	46	32	33	24	43	--	3	34	8	19	41	10
Jackson	27	59	--	29	48	5	20	53	--	12	46	46	53	46	61
Jefferson	49	11	23	20	9	35	56	39	--	9	22	13	7	18	13
Kiowa	25	45	49	39	50	29	45	33	--	--	56	22	42	29	27
Kit Carson	18	26	42	14	13	19	49	2	--	--	42	36	20	11	36
Lake	61	41	27	56	57	60	59	--	4	--	11	39	46	13	34
La Plata	23	20	12	35	24	31	18	31	17	13	15	9	21	59	21
Larimer	9	6	7	2	3	16	27	19	--	20	3	6	5	19	8
Las Animas	1	5	6	24	25	1	5	35	--	2	12	2	10	2	4
Lincoln	10	33	33	26	23	10	34	11	--	--	27	29	30	20	26
Logan	24	13	15	3	6	18	54	3	--	--	17	7	13	3	7
Mesa	6	8	9	7	5	2	9	16	--	10	16	11	9	7	17
Mineral	46	62	--	59	59	58	31	--	11	--	63	58	62	61	56
Moffat	2	42	37	45	39	26	2	41	21	18	50	63	40	25	59
Montezuma	20	32	29	37	26	36	14	40	--	17	38	35	35	22	58
Montrose	16	21	16	15	20	24	7	22	23	23	24	41	23	23	41
Morgan	34	15	11	4	11	32	53	8	--	--	8	20	14	26	16
Otero	36	9	14	9	22	34	19	14	--	--	6	17	11	14	12
Ouray	58	56	50	51	53	43	28	48	8	21	49	51	55	52	52
Park	17	54	55	48	45	27	12	55	5	25	44	15	50	31	24
Phillips	54	37	28	22	27	54	61	7	--	--	31	53	31	24	43
Pitkin	43	57	44	52	54	50	33	47	14	15	52	50	58	56	54
Prowers	28	17	20	16	18	25	38	12	--	--	14	25	16	12	20
Pueblo	13	2	2	10	14	17	36	23	--	--	2	3	4	4	3
Rio Blanco	4	49	46	43	43	6	8	46	--	16	43	62	48	44	62
Rio Grande	45	24	26	17	33	39	13	17	18	--	25	40	24	39	46
Routt	15	28	48	32	21	4	4	29	--	4	26	19	28	8	25
Saguache	7	35	34	36	49	11	6	36	6	--	36	21	39	21	30
San Juan	59	55	38	--	62	62	35	--	1	--	55	56	60	58	55
San Miguel	33	50	--	54	47	51	15	50	9	22	41	43	56	51	53
Sedgwick	57	39	43	23	28	47	58	10	--	--	54	54	33	38	45
Summit	55	61	57	55	55	55	52	56	12	--	61	45	59	60	40
Teller	56	43	18	53	51	52	60	54	3	--	37	49	45	48	49
Washington	12	27	36	13	17	14	25	5	--	--	47	47	25	6	37
Weld	3	3	4	1	1	9	22	4	--	1	4	1	2	1	2
Yuma	14	19	25	8	19	3	55	1	--	--	35	48	17	10	38

COMPOSITION AND CHARACTERISTICS OF POPULATION BY COUNTIES
(Census 1930)

COUNTY	Total Population	Native White	Foreign Born 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	31,285	7,204	243	154	349	6,837
Dolores	1,412	1,287	91	---	---	---	6	28
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	769
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	2,108	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	2	---	---	167
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
Total Population	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	259,324	126,451
Per cent increase.....	10.2	17.6	48.0	30.6
Males.....	530,752	492,731	430,697	368,327
Females.....	505,039	446,898	368,327	244,368
Males to 100 females.....	105.1	110.3	116.9	120.9
Urban.....	519,882	453,259	404,840	260,651
Males.....	254,319	229,374	206,805	134,267
Females.....	265,563	223,885	198,035	126,384
Rural.....	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 more, age).....	23,141	24,208	23,780	17,779
Per cent illiterate.....	2.8	3.2	3.7	4.2
Color and nativity:				
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
Population by age:				
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
Persons 10 years old and over engaged in gainful occupations:				
Number engaged.....	402,867	366,457	338,724	218,263
Per cent of total population..	28.9	39.0	42.4	40.4
Males.....	321,874	303,870	285,083	190,297
Females.....	80,993	62,587	53,641	27,966
Families in Colorado:				
Number.....	267,324	230,843	194,467	127,459
Median size.....	3.17	4.1	4.1	4.2
Urban.....	141,338	112,380	97,456	.....
Rural.....	125,986	118,463	97,011	.....
Number of dwellings.....	242,548	211,103	183,874	.....
Homes owned.....	131,571	116,781	96,728	56,247
Homes rented.....	127,979	109,501	90,929	64,529
Tenure unknown.....	7,774	4,561	6,810	6,681
Families having radio sets.....	100,959	.....	.....	.....
Number of farms.....	59,956	59,934	46,170	24,700
Marital conditions (persons 15 years or over):				
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	73,098	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.

POPULATION OF COLORADO BY COUNTIES

(Compiled from the Census Reports)

COUNTY	Population				Increase, 1920-1930*	
	1930	1920	1910	1900	Number	Per Cent
Adams ^{a b c}	20,245	14,430	8,892	-----	5,815	40.3
Alamosa ^d	8,602	5,148	-----	-----	3,454	67.1
Arapahoe ^{a b}	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 ^d	9,803	8,416	11,285	8,794	1,387	16.5
Costilla ^d	5,779	5,032	5,498	4,632	747	14.8
Crowley ^e	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 ^{a c}	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 ^f	1,386	1,340	1,013	-----	46	3.4
Jefferson ^g	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 ^f	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 ^h	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 ^e	24,390	22,623	20,201	11,522	1,767	7.8
Ouray ⁱ	1,784	2,620	3,514	4,731	-836	-31.9
Park ^k	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 ^b	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 ^j	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 ^p	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 ^b	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.

^aAdams and Denver counties were organized from parts of Arapahoe county in 1902. Prior thereto Denver was in Arapahoe county.^bParts of Adams and Arapahoe counties were annexed to Washington and Yuma counties in 1903.^cPart of Denver county was annexed to Adams county in 1909.^dAlamosa county was organized from parts of Conejos and Costilla counties in 1913.^eCrowley county was organized from part of Otero county in 1911.^fJackson county was organized from part of Larimer county in 1909.^gPart of Jefferson county was annexed to Park county in 1908.^hMoffat county was organized from part of Routt county in 1911.ⁱPart 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- tion	Area Square Miles	Popula- tion per Square Mile	Assessed Valua- tion per Capita, 1930	Taxes Assessed per Capita, 1930	Bank Deposits per Capita, 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	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 Dist'ce from Denver, Miles	Population of County Seat		
			Census 1930	Census 1920	Census 1910
Adams.....	Brighton	19	3,394	2,715	850
Alamosa.....	Alamosa	251	5,107	3,171	3,013
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	201	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
Mincral.....	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.

Persons Engaged in Gainful Occupations

THERE were 402,867 persons 10 years old or more engaged in gainful occupations in Colorado in 1930 as reported by the United States bureau of the census. The term "gainful workers," in census usage, includes all persons who usually follow a gainful occupation, although they may not have been employed when the census was taken. It does not include women doing housework in their own homes, without wages, and having no other employment, or children working at home, merely on general household work, on chores, or at odd times on other work.

The number reported above comprises 38.9 per cent of the total population of 1,035,791 and 48.2 per cent of the 835,341 persons 10 years old and over in 1930. In the seven census years from 1870 to 1930, inclusive, the percentage of persons gainfully occupied has shown a decrease. In 1870, 44.1 per cent of the total population was gainfully employed as against 38.9 per cent in 1930. The percentage in 1930 was the lowest of any in the seven census years. The highest was in 1880 when 52.1 per cent of the total population was gainfully occupied. Relatively the same fluctuations took place in the seven census years in percentages of population 10 years old or over gainfully occupied.

Contrary to the general trend of occupation statistics of both males and females in the seven census years, the percentages of females gainfully occupied have shown increases. There were 505,039 females in Colorado in 1930, of whom 405,843 were 10 years old or over. There were 80,993 of the latter gainfully occupied in 1930. This was equal to 16.0 per cent of the total female population and 20.0 per cent of the female population 10 years old or over. In 1870 only 2.9 per cent of the total female population was gainfully occupied as against 16.0 per cent in 1930 and 4.2 per cent of those 10 years old or over against 20.0 per cent. In 1870, the percentage of the male population 10 years old or over gainfully occupied was 86.0. The general trend in each census year was downward until the lowest per cent, 74.9, was reached in 1930. A chart presented herewith shows the trend of percentages in the census years for male, female and total population. A table also gives the number and per-

centages by census years. Another chart shows the distribution of workers by occupations.

Colorado Springs is the only one of the three cities in the state with a population of 25,000 or more which showed an increase in 1930 over 1920 in the per cent of persons 10 years old or over gainfully occupied. Its percentage was 47.7 as against 45.8 per cent in 1920. Denver reported 53.2 per cent gainfully occupied in 1930 as against 54.0 per cent in 1920, and Pueblo showed 46.9 per cent in 1930 as compared with 50.7 per cent in 1920. All three cities showed increases in the percentage of females gainfully occupied and decreases in the percentage of males.

Agriculture, with 106,068 persons, or 26.3 per cent of the number in the state 10 years old or more gainfully occupied, ranked first among the occupations. The manufacturing and mechanical industries ranked second with 76,734, or 19.0 per cent, and trade ranked third with 54,757, or 13.6 per cent. Domestic and personal service, in which 41,250, or 10.2 per cent of all gainfully occupied were engaged, ranked fourth. Professional service, including lawyers, doctors, actors, artists, writers, etc., ranked sixth with 33,492, or 8.3 per cent, and just below transportation and communication, which ranked fifth in the number gainfully occupied.

The classification of gainful workers is distributed by the census bureau among 534 occupations. These reports are too elaborate for reproduction here, but are available for all interested in the details and may be found in public libraries. A summary of the number of gainful workers in general divisions of occupations in the state and the three largest cities is published herewith. A further distribution of gainful workers in various occupations will be found in separate chapters in this volume in connection with discussions of different industries.

Of 402,867 persons 10 years old or more gainfully occupied in 1930, 330,813, or 82.1 per cent, were native white; 46,501, or 11.5 per cent, were foreign-born white; 6,220, or 1.5 per cent, were negroes; and 19,333, or 4.8 per cent, were of other races. The largest number, or 13.3 per cent of those gainfully occupied, were 20 to 24 years old and the second largest number, or 11.7 per

cent, were 25 to 29 years old. There were 16,714 persons 75 years old or more gainfully occupied.

Of 80,617 women 15 years old or over gainfully occupied in 1930, there were 54,716, or 67.9 per cent, single, widowed, divorced or unknown, and 25,901, or 32.1 per cent, married. Compared with 1920, when 76 per cent of the women gainfully employed were single, widowed, divorced, or unknown, and 23.3 per cent were married, the percentage of married female gainful workers showed an increase and the percentage of the other classification showed a decrease.

Only 3.1 per cent of the children 10 to 15 years old were gainfully occupied in 1930, which compares with 4.3 per cent in 1920, 7.1 per cent in 1910 and 6.0 per cent in 1900.

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 gov-

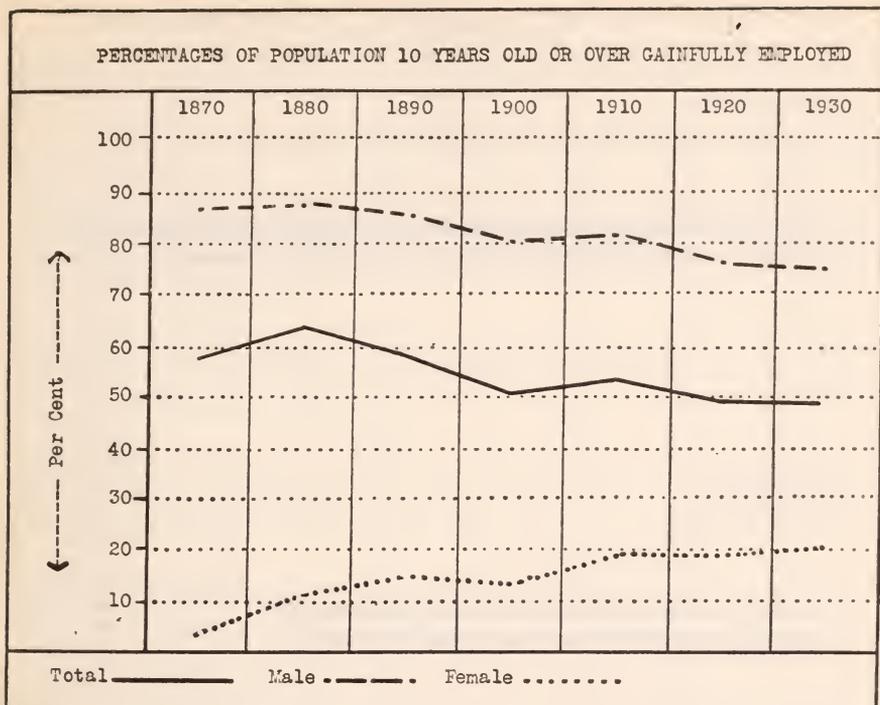
ernment which should be admitted to the Union on an equal footing with the original thirteen states, became a law on March 3, 1875. The constitutional convention elected by the people under the provisions of that act, composed of 38 members, held its first meeting in Denver on December 20, 1875. J. C. 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.

PERSONS GAINFULLY OCCUPIED, NUMBER, PROPORTION AND SEX, FOR COLORADO BY YEARS

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

Census Year	Total Population	Population 10 Years Old and Over	PERSONS 10 YEARS OLD AND OVER GAINFULLY OCCUPIED		
			Number	Per Cent of Total Population	Per Cent of Population 10 Years Old and Over
Male:					
1870	24,820	19,931	17,147	69.1	86.0
1880	129,131	110,896	96,472	74.7	87.0
1890	245,247	202,719	173,291	70.7	85.5
1900	295,332	237,665	190,297	64.4	80.1
1910	430,697	350,684	285,083	66.2	81.3
1920	492,731	395,632	303,870	61.7	76.8
1930	530,752	429,498	321,874	60.6	74.9
Female:					
1870	15,044	10,418	436	2.9	4.2
1880	65,196	47,324	4,779	7.3	10.1
1890	166,951	125,177	19,147	11.5	15.3
1900	244,368	187,759	27,966	11.4	14.9
1910	368,327	290,162	53,641	14.6	18.5
1920	446,898	351,853	62,587	14.0	17.8
1930	505,039	405,843	80,993	16.0	20.0
Total:					
1870	39,864	30,349	17,583	44.1	57.9
1880	194,327	158,220	101,251	52.1	64.0
1890	412,198	327,896	192,438	46.7	58.7
1900	539,700	425,424	218,263	40.4	51.3
1910	799,024	640,846	338,724	42.4	52.9
1920	939,629	747,485	366,457	39.0	49.0
1930	1,035,791	835,341	402,867	38.9	48.2



GAINFUL WORKERS 10 YEARS OLD AND OVER, BY GENERAL DIVISIONS OF OCCUPATION, FOR DENVER, COLORADO SPRINGS, PUEBLO AND FOR THE STATE, 1930
(Compiled from Census Reports)

OCCUPATIONS	Denver	Colorado Springs	Pueblo	All Other	Total State
Agriculture	2,633	385	352	102,698	106,068
Forestry and fishing.....	83	30	3	1,134	1,250
Extraction of minerals	1,070	319	90	16,009	17,488
Manufacturing and mechanical industries	33,558	3,049	7,082	33,045	76,734
Transportation and communication	12,164	1,247	2,354	19,109	34,874
Trade	26,533	2,739	3,231	22,254	54,757
Public service (not elsewhere classified)	2,483	241	353	3,621	6,698
Professional service	13,115	1,766	1,822	16,789	33,492
Domestic and personal service.....	19,551	2,572	2,280	16,847	41,250
Clerical occupations	19,195	1,322	1,790	7,949	30,256
Totals	130,385	13,670	19,357	239,455	402,867

GAINFUL WORKERS IN COLORADO 10 YEARS OLD AND OVER, BY OCCUPATIONS, 1930

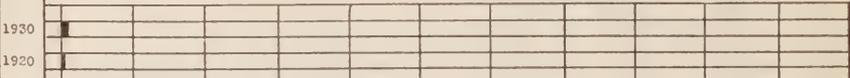
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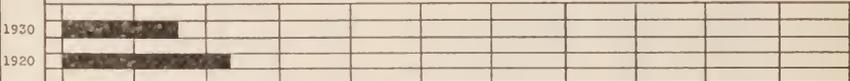
AGRICULTURE



FORESTRY AND FISHING



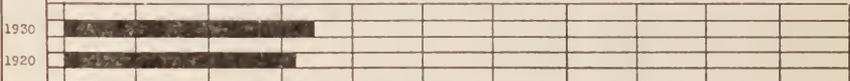
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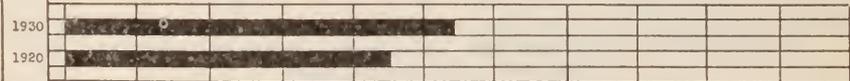
MANUFACTURING AND MECHANICAL INDUSTRIES



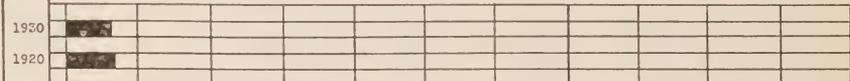
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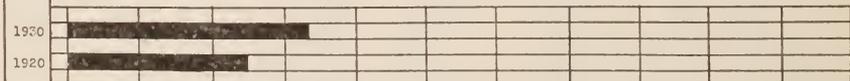
TRADE



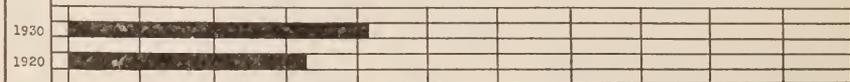
PUBLIC SERVICE



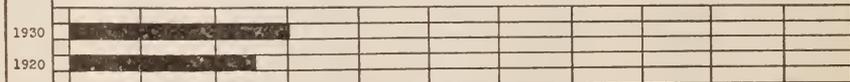
PROFESSIONAL SERVICE



DOMESTIC AND PERSONAL SERVICE



CLERICAL OCCUPATIONS



PERSONS ENGAGED IN PROFESSIONAL SERVICES IN COLORADO AND DENVER, 1930

(Compiled from Census Reports on Occupational Statistics of Gainful Workers)

OCCUPATION	State			Denver		
	Male	Female	Total	Male	Female	Total
Actors and showmen.....	375	115	490	178	89	267
Architects	118	5	123	91	4	95
Artists, sculptors and teachers of art.....	212	219	431	148	144	292
Authors, editors and reporters	413	243	656	181	102	283
Authors	62	93	155	38	63	101
Editors and reporters.....	351	150	501	143	39	182
Chemists, assayers and metallurgists	418	12	430	161	8	169
Clergymen	1,290	52	1,342	374	14	388
College presidents and professors	511	223	734	119	62	181
Dentists	753	7	760	398	7	405
Designers, draftsmen and inventors	434	31	465	328	22	350
Designers	30	20	50	23	16	39
Draftsmen	377	11	388	286	6	292
Inventors	27	..	27	19	..	19
Lawyers, judges and justices	1,542	21	1,563	881	16	897
Musicians and teachers of music	750	1,023	1,773	447	448	895
Osteopaths	77	28	105	32	7	39
Photographers	290	176	466	132	89	221
Physicians and surgeons...	1,610	92	1,702	750	61	811
Teachers	2,022	9,535	11,557	386	2,402	2,788
Teachers (athletic, dancing, etc.).....	112	105	217	51	83	134
Teachers (school).....	1,910	9,430	11,340	335	2,319	2,654
Technical engineers	2,190	1	2,191	1,263	..	1,263
Civil engineers and surveyors	968	1	969	520	..	520
Electrical engineers.....	478	..	478	311	..	311
Mechanical engineers...	325	..	325	220	..	220
Mining engineers	419	..	419	212	..	212
Trained nurses	43	2,885	2,928	14	1,357	1,371
Veterinary surgeons	132	..	132	33	..	33
Totals	18,239	24,478	42,717	8,074	7,358	15,432

PERSONS ENGAGED IN PROFESSIONAL SERVICES IN COLORADO SPRINGS AND PUEBLO, 1930

(Compiled from Census Reports on Occupational Statistics of Gainful Workers)

OCCUPATION	Colorado Springs			Pueblo		
	Male	Female	Total	Male	Female	Total
Actors and showmen.....	18	3	21	31	3	34
Architects	8	..	8	3	..	3
Artists, sculptors and teachers of art.....	20	17	37	5	4	9
Authors, editors and reporters	19	9	28	23	5	28
Chemists, assayers and metallurgists	9	1	10	34	..	34
Clergymen	74	3	77	70	4	74
College presidents and professors	39	18	57	1	3	4
Dentists	34	..	34	41	..	41
Designers, draftsmen and inventors	12	3	15	25	3	28
Lawyers, judges and justices	64	..	64	68	1	69
Musicians and teachers of music	45	66	111	52	58	110
Osteopaths	6	3	9	4	1	5
Photographers	21	10	31	13	15	28
Physicians and surgeons...	87	1	88	78	3	81
Teachers	93	397	490	69	498	567
Technical engineers.....	75	..	75	109	..	109
Trained nurses	4	281	285	4	134	138
Veterinary surgeons.....	1	..	1	5	..	5
Totals	629	812	1,441	635	732	1,367

Movement of Population from and to Farm and City

INFORMATION relative to the movement of population as affecting the farm population was sought for the first time at the census of 1930, through two questions which appeared on the general farm schedule, as follows:

1. How many persons make their home on this farm who have moved here from a city, village or other incorporated place during the last twelve months?

2. How many persons who now make their home in a city, village or other incorporated place have moved there from this farm during the last twelve months?

Movements of students, persons on a visit and laborers staying on the farm only a short time were omitted in the replies.

There were 4,089 farms reporting movement of persons from the city to the farm between April 1, 1929, and March 31, 1930, in Colorado, the number of persons being 12,188. For the same period 2,585 farms reported 7,317 persons moving from the farm to the city.

CHURCH POPULATION

Colorado has 77 religious bodies, or congregations, with 1,688 organizations, or churches, reporting 352,863 members according to the last church census taken by the United States bureau of the census, in 1926. This compares with 69 religious bodies with 1,455 organizations and 257,977 members in 1916. In 1926 there were 1,383 churches reporting church edifices with a value of \$22,713,155, which compares with 1,144 church edifices valued at \$10,010,432 in 1916.

The Roman Catholic church, the largest congregation in the United States, as well as in the world, also leads in Colorado with a membership of 125,757 reported in 1926. This was equal to 35.6 per cent of the membership of all congregations. The Methodists were second with a membership of 52,398 for all bodies of that denomination, or 14.8 per cent of the total, and Presbyterians were third with a membership of 29,833 for all branches, or 8.5 per cent of the total.

The church population of the state in 1926 was distributed as follows:

Denomination	Churches	Members
Adventists, Seventh Day..	63	3,169
Assembly of God.....	11	817
Baptists:		
Northern Baptists.....	122	24,166
Negro Baptists.....	15	2,298
Brethren:		
Church of the Brethren..	12	1,427
Plymouth Brethren II..	6	152
Church of Christ Scientists	41	2,948
Church of God.....	18	599
Church of God in Christ..	14	394
Church of the Nazarene..	39	1,728
Church of Christ.....	26	1,477
Congregational Church....	91	13,561
Disciples of Christ.....	75	17,759
Russian Orthodox Church.	3	531
Evangelical Church.....	28	2,306
Evangelical Synod of N. A.	15	2,305
Pillar of Fire.....	7	474
Free Church of God in Christ.....	6	184
Friends, Society of.....	18	1,031
Independent Churches....	6	231
Jewish Congregations.....	22	18,950
Church of Jesus Christ of Latter Day Saints.....	24	5,807
Reorganized Church of Jesus Christ of Latter Day Saints.....	14	1,373
Lutherans (seven branches)	131	17,133
Mennonites.....	5	400
Methodists:		
M. E. Episcopal.....	217	46,974
M. E. Episcopal, South..	30	2,787
Free Methodist of N. A..	19	442
African M. E.....	13	2,195
Pilgrims Holiness.....	18	384
Presbyterian:		
Presbyterian Church in U. S. of A.....	132	27,090
United Presbyterian of N. A.....	10	2,467
Reformed Presbyterian..	3	276
Protestant Episcopal....	82	13,663
Reformed Christian.....	3	994
Roman Catholic.....	253	125,757
Salvation Army.....	17	1,197
Scandinavian Evangelical (two branches).....	8	737
Spiritualists:		
National Spiritual Ass'n	8	418
American Theosophical Society.....	3	86
Unitarians.....	3	450
United Brethren, Church of	18	2,446
All other denominations..	39	3,280
Totals.....	1,688	352,863

An accompanying table gives a summary of items as reported by the census bureau for the two years. In this table the value of church edifices represents 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 in the 1926 census. Some have joined other denominations and their statistics are included with them, others are out of existence, etc. There are 21 denominations shown in the 1926 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

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, 1931, including only those persons of Indian blood who through wardship, treaty or inheritance have acquired certain rights, the Indian population consisted of 807, of which 421 were males and 386 were females, or less than one-half of one per cent of the Indian population of the United States. The population changes slightly and the figures for 1931 represent an increase of only 17 compared with the number on June 30, 1926. The

census bureau defines an Indian as a person having Indian blood to such an extent as to be recognized in his community as an Indian. The Indian population of the state in 1930, as reported by the census under this definition, was 1,395, of which 843 were in La Plata and Montezuma counties, the others being scattered among 37 counties.

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.

OUTSTANDING COUNTY, SCHOOL DISTRICT AND MUNICIPAL BONDS, BY COUNTIES,
JANUARY 1, 1932

COUNTY	County General	County School	School District	Municipal		Total Municipal	County Total
				General	Special		
Adams			\$ 552,800	\$ 441,500	\$ 192,500	\$ 634,000	\$1,186,800
Alamosa	\$ 43,000		316,800	209,000	198,800	407,800	767,600
Arapahoe			594,600	181,000	710,000	891,000	1,485,600
Archuleta			88,200	17,500		17,500	105,700
Baca	18,000		258,650	140,000	67,000	207,000	483,650
Bent		6,000	100,100		86,250	86,250	192,350
Boulder			525,100	763,000	524,100	1,287,100	1,812,200
Chaffee	105,000		106,750	145,000	5,100	150,100	361,850
Cheyenne		98,000	156,000	82,000		82,000	336,000
Clear Creek			1,000	42,500		42,500	43,500
Conejos	13,200		259,300	123,600	5,400	129,000	401,500
Costilla			99,300				99,300
Crowley			423,000	79,500	2,400	81,900	504,900
Custer		21,000	8,500				29,500
Delta	7,500		320,500	409,500	40,600	450,100	778,100
Denver			9,574,500	23,282,100	9,330,400	32,612,500	42,187,000
Dolores	80,000		19,000				99,000
Douglas			31,500	67,500	27,000	94,500	126,000
Eagle			29,500	55,500		55,500	85,000
Elbert			137,800	44,800		44,800	182,600
El Paso			1,601,000	3,383,000	325,300	3,708,300	5,309,300
Fremont			605,900	693,000	328,600	1,021,600	1,627,500
Garfield	181,000	16,000	410,750	411,500	67,000	478,500	1,086,250
Gilpin				75,500		75,500	75,500
Grand			35,500	36,500		36,500	72,000
Gunnison	132,000	150,000	236,000	147,500	29,500	177,000	695,000
Hinsdale	105,500			11,500		11,500	117,000
Huerfano		32,000	71,000	441,000	258,500	699,500	802,500
Jackson	6,000	20,000		27,500		27,500	53,500
Jefferson			499,100	344,000	264,200	608,200	1,107,300
Kiowa			153,800	69,000		69,000	222,800
Kit Carson			348,400	304,500	81,300	385,800	734,200
Lake				28,000		28,000	28,000
La Plata	52,000		239,900	536,400	165,200	701,600	993,500
Larimer	175,000		997,500	2,137,500	595,650	2,733,150	3,905,650
Las Animas			407,500	1,201,900	692,000	1,893,900	2,301,400
Lincoln	90,000		241,400	82,000	25,600	107,600	439,000
Logan	10,000	55,000	529,200	919,000	278,000	1,197,000	1,791,200
Mesa	150,000		734,850	870,900	486,200	1,357,100	2,241,950
Mineral				11,000		11,000	11,000
Moffat	24,000		74,800	47,000		47,000	145,800
Montezuma			104,900	107,000	41,000	148,000	252,900
Montrose		35,000	164,900	260,000	18,300	278,300	594,200
Morgan	116,000		735,000	366,000	279,000	645,000	1,380,000
Otero			585,900	977,800	65,500	1,043,300	1,629,200
Ouray	48,000		21,200	20,000		20,000	89,200
Park			23,500				23,500
Phillips	26,000	60,000	211,400	225,000	73,500	298,500	595,900
Pitkin	105,000			75,500		75,500	180,500
Prowers			461,900	906,300	235,000	1,141,300	1,603,200
Pueblo			1,826,300	470,000	3,216,300	3,686,300	5,512,600
Rio Blanco		75,000	45,600	152,000		152,000	272,600
Rio Grande		80,400	316,200	92,800	25,000	117,800	514,400
Routt	94,000		230,500	190,750	39,000	229,750	554,250
Saguache			176,500	51,000	7,100	58,100	234,600
San Juan	40,000		40,000				80,000
San Miguel	45,000		49,800				94,800
Sedgwick		213,000	232,700	210,000	17,200	227,200	672,900
Summit			35,000	32,000		32,000	67,000
Teller				306,700		306,700	306,700
Washington			215,500	140,000	37,500	177,500	393,000
Weld			2,539,600	1,024,000	269,750	1,293,750	3,833,350
Yuma			341,900	251,000	78,300	329,300	671,200
State	\$1,666,200	\$861,400	\$29,147,800	\$43,720,050	\$19,189,050	\$62,909,100	\$94,584,500

NOTE—In addition to the above total, state bonds outstanding on January 1, 1932, totaled \$7,474,100, compared with \$8,864,700 on January 1, 1931. There is also outstanding against counties in the Moffat Tunnel District a total of \$15,470,000. No allowance is made in these figures for sinking fund accumulations, the totals shown here being the actual amounts outstanding. In many cases these are offset to a considerable extent by sinking funds.

The municipal bond totals include the following issues requiring explanation: Cheyenne Wells, \$41,500 assumed by the Inland Utilities Company; Eads, \$69,000 assumed by the Highland Utilities Company; Brush, \$96,800 assumed by the Public Service Company; and Holly, \$22,000 assumed by the Inland Utilities Company. Also bonds payable from revenues as follows: Colorado Springs, \$478,000 gas and electric; Loveland, \$100,000 electric; Lamar, \$140,000 electric; and Steamboat Springs, \$24,000 waterworks. The above total compares with \$95,028,600 on January 1, 1931.

Location and Altitudes of Colorado Mountains

Name	County	Elevation, Feet	Name	County	Elevation, 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	Dakota Hill	Gilpin	10,930
Alpine Peak	Clear Creek	11,525	Del Norte Peak	Rio Grande	12,378
Alps Mountain	Clear Creek	10,508	Democrat Mountain	Park-Lake	14,000
Anchor Mountain	Dolores	12,325	Dickenson Mountain	Larimer	11,874
Andrews Peak	Grand	12,564	Double Top Mountain	Gunnison	12,192
Antero, Mount	Chaffee	14,245	Dump Mountain	Costilla	10,310
Apache Peak	Boulder-Grand	12,873	Dunraven Mountain	Larimer	12,548
Apiatan Mountain	Grand	10,888	Eagle Peak	Dolores	12,105
Arapahoe Peak	Boulder-Grand	13,506	Echo Mountain	La Plata	13,305
Arkansas Mountain	Lake	13,797	Elbert Mountain*	Lake	14,402
Arrow Peak	San Juan	13,803	Electric Peak	Grand	11,943
Arthur Mountain	El Paso	10,805	Elephant Mountain	Rio Grande	11,790
Audubon Mountain	Boulder	13,223	Elk Mountain	Mineral	11,030
Augusta Mountain	Gunnison	12,615	Elk Mountain	Eagle-Summit	12,718
Avery Peak	Gunnison	12,652	Elliott Mountain	Dolores	12,337
Axtel Mountain	Gunnison	12,013	Emerson Mountain	La Plata	13,147
Baker Mountain	Grand	12,406	Emmons Mountain	Gunnison	12,414
Bald Mountain	Boulder	11,470	Engineer Mountain	Hinsdale-Ouray-San Juan	13,190
Bald Mountain	Summit	13,964	Engineer Mountain	San Juan	12,972
Bald Mountain	Teller	12,365	Eolus Mountain	La Plata	14,079
Baldy Mountain	Gunnison	12,809	Estes Cone	Larimer	11,017
Baldy Peak	Ouray	10,615	Ethel Mountain	Routt-Jackson	11,940
Banded Peak	Archuleta	12,376	Evans Mountain	Park-Lake	13,580
Baxter Mountain	Costilla	10,629	Evans Mountain	Clear Creek	14,260
Bear Mountain	San Juan	12,950	Expectation Mountain	Dolores	12,071
Beautiful Mountain	Mineral	12,746	Fairchild Mountain	Larimer	13,502
Beckwith Mountain	Gunnison	12,371	Fisher Mountain	Mineral	12,855
Bellevue	Rio Grande	12,727	Fisher Mountain	Grand	12,280
Bierstadt Mountain	Clear Creek	14,046	Fletcher Mountain	Summit	13,917
Big Bull Mountain	Teller	10,826	Flora Mountain	Clear Creek-Grand	13,122
Big Chief Mountain	Teller	11,220	Florida Mountain	La Plata	13,076
Bison Peak	Park	12,400	Fox Mountain	Mineral	11,520
Blackhawk Peak	Gilpin	10,323	Freeman Peak	Jefferson	11,627
Blackhawk Peak	Dolores	12,687	Garfield Mountain	El Paso	10,925
Blanca Peak	Costilla-Huerfano-Alamosa	14,390	Garfield Mountain	San Juan	13,065
Bowen Mountain	Grand	12,541	Garfield Peak	Gunnison	12,136
Bross Mountain	Park	14,163	Gilpin Peak	Ouray-San Miguel	13,682
Buck Mountain	Routt-Jackson	11,375	Glacier Peak	Summit	12,654
Buckeye Peak	Lake	12,863	Gothic Mountain	Gunnison	12,646
Buckskin Mountain	Costilla	10,512	Grant Peak	San Juan-San Miguel	13,692
Buffalo Peak	Summit	13,541	Gray Head	San Miguel	10,994
Calico Peak	Dolores	12,035	Grayback Mountain	Costilla	10,575
Cameron Cone	El Paso	10,705	Grayrock Peak	San Juan	12,488
Cameron Mountain	Park	14,233	Grays Peak	Clear Creek-Summit	14,274
Capitol Mountain	Pitkin	13,997	Graystone Peak	San Juan	13,489
Cascade Mountain	Gunnison	11,707	Greenhorn Mountain	Huerfano-Pueblo	12,334
Cascade Mountain	Grand	12,320	Green Mountain	Jefferson	10,530
Castle Peak	Gunnison-Pitkin	14,259	Greylock Mountain	La Plata	13,571
Cement Mountain	Gunnison	12,212	Grizzly Mountain	Pitkin-Chaffee	14,020
Chama Peak	Archuleta	12,027	Grizzly Peak	La Plata	13,695
Chapin Mountain	Larimer	13,052	Grizzly Peak	Dolores-San Juan	13,738
Chicago Peak	Huerfano-Costilla	10,960	Hague Peak	Larimer	13,562
Chief Mountain	Clear Creek	11,710	Hale Mountain	Grand	11,747
Chimney Peak	Hinsdale-Ouray	11,785	Hallet Peak	Grand-Larimer	12,723
Chiquita Mountain	Larimer	12,458	Handies Peak	Hinsdale	14,008
Cinnamon Mountain	Gunnison	12,270	Harvard, Mount	Chaffee	14,375
Cirrus Mountain	Grand	12,804	Helmet Peak	Montezuma	11,976
Clarence King Mountain	Boulder	13,176	Hermosa Mountain	Dolores-San Juan	12,574
Clover Mountain	Chaffee	13,000	Hesperus Peak	Montezuma	13,225
Colorado Mountain	Gilpin	10,884	Holy Cross Mountain	Eagle	13,978
Columbia Peak	Clear Creek	14,030	Homestake Peak	Eagle	13,217
Comanche Peak	Boulder	13,491			
Cone Mountain	Clear Creek	12,230			
Conejos Peak	Conejos	13,180			
Copper Mountain	Summit	12,475			
Copper Mountain	Teller	10,226			
Courthouse Mountain	Hinsdale-Ouray	12,165			
Cover Mountain	Park	10,165			
Coxcomb Peak	Hinsdale-Ouray	13,663			
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, 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-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-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 Miguel	13,156
London Mountain	Park	13,161
Lone Cone	San Miguel-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-San Miguel	13,674
Lulu Mountain	Grand	11,720
McCauley Peak	La Plata	13,551
McGregor Mountain	Larimer	10,482
Madden Peak	Montezuma-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-Summit	13,423
Meaden Mountain	Routt	
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	10,063
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
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

Name	County	Elevation, Feet
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-Grand	13,345
Pearl Mountain	Gunnison	13,434
Peeler Peak	Gunnison	12,219
Pigeon Peak	La Plata	13,961
Pikes Peak	El Paso	14,109
Pilot Knob	San Juan-San Miguel	13,750
Pisgah Mountain	Clear Creek-Gilpin	10,085
Pole Creek Mountain	Hinsdale	13,740
Pool Table Mountain	Mineral	12,142
Porphyry Peaks	Grand	11,155 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-Las Animas	13,623
Spanish Peak, East	Huerfano-Las Animas	12,708
Specimen Mountain	Grand-Larimer	12,432
Star Peak	Gunnison	13,562
Stearns Mountain	Huerfano-Costilla	11,409
Stewart Peak	Saguache	14,032
Stoll Mountain	Park	10,915
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

Name	County	Elevation, Feet	Name	County	Elevation, Feet
Sugarloaf	Eagle-Summit	12,556	Uncompahgre Peak	Hinsdale	14,306
Sugarloaf Peak	Clear Creek	12,513	Union Mountain	Summit	12,336
Sugarloaf Rock	Hinsdale	10,831	Vermillion Peak	San Juan-San Miguel	13,870
Sultan Mountain	San Juan	13,336	Vestal Peak	San Juan	13,846
Summit Peak	Archuleta	13,272	Vigil Peak	El Paso	10,075
Sunlight Peak	La Plata	14,084	Wasatch Mountain	San Miguel	13,551
Sunshine Mountain	San Miguel	12,945	West Needle Mountain	San Juan	13,050
Sunshine Peak	Hinsdale	14,018	Wetterhorn Peak	Hinsdale-Ourray	14,020
Tanima Peak	Boulder-Grand	12,417	Wheatstone Mountain	Gunnison	12,543
Tarryall Peak	Park	11,300	Whitecross Mountain	Hinsdale	13,550
Taylor Mountain	Chaffee	13,600	White Dome	San Juan	13,607
Taylor Peak	Gunnison	13,419	Whitehouse Mountain	Ourray	13,496
Taylor Peak	Grand-Larimer	13,150	White Pine Mountain	Larimer	10,250
Telescope Mountain	Dolores	12,210	White Rock Mountain	Gunnison	13,532
Teocalli Mountain	Gunnison	13,220	Wildhorse Peak	Ourray	13,271
Terra Tomah Peak	Larimer	12,686	Wilson Mountain	Dolores	14,250
The Guardian	San Juan	13,617	Wilson Peak	San Miguel	14,026
Tilton Mountain	Gunnison	12,633	Windom Mountain	La Plata	14,084
Torrey Peak	Clear Creek-Summit	14,264	Witter Peak	Clear Creek	12,856
Trachyte Mountain	Teller	10,863	Yale, Mount	Chaffee	14,187
Trinchera Mountain	Costilla-Huerfano	13,546	Ypsilon Mountain	Larimer	13,507
Trinity Peak	San Juan	13,752 13,804 13,745	Zirkel Mountain	Jackson-Routt	11,815
Turret Peak	La Plata	13,819			
Twilight Peak	San Juan	13,153			
Twin Sisters	Larimer	11,435			
Twin Sisters	San Juan	13,438			

Lakes and Reservoirs

Name	County	Altitude	Name	County	Altitude
Arapahoe	Gilpin	11,165	Echo	Clear Creek	10,605
Antero Res.	Park	8,934	Emerald	Hinsdale	10,020
Adams Res.	Adams	---	Eldora	Boulder	9,245
Adobe Creek Res.	Bent-Kiowa	4,150	Edith	Clear Creek	10,117
Bradford	Huerfano	5,850	Eileen	La Plata	8,924
Black Hollow Res.	Weld	5,065	Erdman	Pueblo	4,610
Bee	Larimer	5,175	Empire Res.	Morgan-Weld	---
Boiles	Boulder	5,040	Fossil Creek Res.	Larimer	4,890
Boedecker	Larimer	5,075	Fountain Valley Res.	El Paso	5,800
Bison Res.	Teller	10,400	Grand	Grand	8,369
Blue	Conejos	11,937	Gold	Boulder	8,600
Burch's	Boulder	5,145	Gerard Res.	Prowers	4,050
Beasley Res.	Boulder	5,195	George	Park	6,915
Boulder	Boulder	5,228	Hoffman	Boulder	5,120
Boyd Lakes	Larimer	4,960	Hazel	San Juan	11,420
Bent County Res.	Bent	4,300	Hazel	La Plata	12,420
Barr	Adams	---	Head	Alamosa	7,527
Badger Res.	Morgan	---	Hermit Lakes	Hinsdale	9,975
Big Creek Lakes	Jackson	9,010	Horse Creek Res.	Bent-Otero	4,950
Boetcher	Jackson	8,160	Hungerford	Pueblo	4,520
Breman	Gunnison	10,325	Huerfano	Pueblo	4,725
Balsam	San Juan	11,435	Hayden Res.	Pueblo	---
Big Nile	Adams	---	Ice	Clear Creek	12,188
Clear	Clear Creek	9,870	Ignacio Res.	La Plata	8,375
Chicago	Clear Creek	11,350	Isabelle	Boulder	10,852
Crater	Jefferson	8,877	Irish	Larimer-Boulder	5,090
Chinn	Clear Creek	11,020	Jasper	Boulder	10,733
Chasm	Boulder	11,800	Julesburg Res.	Sedgwick-Logan	---
Caroline	Clear Creek	11,853	Jackson	Morgan	---
Castlewood Res.	Douglas	6,475	Jim Crowe Res.	Weld	---
Calkins	Weld	4,975	King Res.	Kiowa-Prowers	3,860
Curtis	Larimer	5,080	Lost	Boulder	9,980
Cheesman	Jefferson	6,856	Lower Crater	Gilpin	10,580
Clear Lake	San Juan	11,875	Los Lagos	Boulder-Gilpin	8,930
Deviis	Hinsdale	11,968	Loch Lomond	Clear Creek	11,140
Duck	Clear Creek	11,070	Lena	Routt	9,980
Diamond	Boulder	10,960	Iorland	Larimer	5,022
Dorothy	Boulder	12,050	Loch Ivanho	Pitkin	10,930
Douglas	Larimer	5,200	Long	Boulder	10,499
Demmel	Larimer	5,250			
Dead	Teller	10,900			
Dye Res.	Otero	4,150			

Name	County	Altitude
Marvine	Rio Blanco	10,500
McIntosh	Boulder	5,060
Moraine	El Paso	10,215
Monarch	Grand	8,340
Mills	Larimer	11,496
Maroon	Pitkin	9,700
Molas	San Juan	10,488
Margareta	Routt	10,450
Milton	Weld	---
Middle Plum Res.	Prowers	4,100
Meredith	Crowley	4,308
Minnequa	Pueblo	4,740
Naylor	Clear Creek	11,348
New Windsor Res.	Weld	4,920
North Plum Res.	Prowers	4,100
North Butte Res.	Prowers	4,200
Nee Noshee Res. No. 3	Kiowa	3,870
Nee Sopa Res. No. 5	Kiowa	3,860
Nee Gronda Res. No. 4	Kiowa	3,840
Nee Skah Res.	Kiowa	3,885
Owens	Boulder	5,220
Otanawanda	Ouray	8,900
Palmer	Douglas	9,210
Peterson	Boulder	9,245
Point of Rocks Res.	Logan	3,800
Price Res.	Prowers	3,850
Prewitt Res.	Logan	3,900
Pisgah	Gilpin	9,656
Powderhorn	Hinsdale	11,830
Res. No. 2	El Paso	11,270
Res. No. 4	Teller	10,900
Res. No. 5	Teller	10,900
Res. No. 7	El Paso	12,080
Res. No. 8	El Paso-Teller	11,675
Riverside Res.	Weld	---
Res. No. 1, No. 2	Kiowa	3,770
Res. No. 4	Kiowa	4,025
Res. No. 1	Otero	4,750
Res. No. 4	Otero	4,750
Res. No. 5	Otero	4,750

Name	County	Altitude
Shaw	Mineral	9,830
Spruce Lakes	Mineral	11,263
Silver	San Juan	11,675
Seeley	Weld	4,175
San Cristobal	Hinsdale	8,997
Santa Maria	Mineral	9,475
San Luis	Alamosa	7,525
Strawberry	Grand	8,340
Summit	Clear Creek	12,740
Slater	Clear Creek	11,385
Silver	Boulder	10,190
Swedes	Boulder	5,095
Snowden	Otero	4,820
Seven Lakes	Teller	10,900
Sanchez Res.	Costilla	8,500
Stanley Res.	Jefferson	---
Twin Lakes	Lake	9,012
Trappers	Rio Blanco	10,500
Trout	San Miguel	9,750
Terry	Larimer	5,095
Timnath	Weld	4,900
Two Buttes Res.	Baca-Prowers	4,230
Turkey Creek Res.	Pueblo	5,580
Thatcher	Pueblo-El Paso	5,395
Upper Crater	Gilpin	10,997
Upper Nile	Adams	---
Wellington	Jefferson	9,863
Warren	Larimer	4,985
Woods	Weld	4,860
Woods	Eagle	9,405
Webster Park Res.	Fremont	5,950
Williams-McCreery	Morgan	---

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 transcontinental 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
Currant Creek	Park	---	8,000*	1877	Road
Daisy	Gunnison	Elk-West Elk	11,200*	1910	Trail
Devil's Thumb	Boulder-Grand	Front	11,900	---	Trail
Eagle	La Plata	San Juan Group	10,750	1900	Trail
East Maroon	Gunnison-Pitkin	Elk-West Elk	12,200*	---	Trail
East River	Gunnison	Elk-West Elk	11,163	1880	Road
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 { Road South Side
Marcellina	Gunnison	Elk-West Elk	10,400*	---	Road
Marshall	Saguache	Sawatch Mountains	10,950	1877	Railroad

* Approximate elevation in feet.

ALTITUDE AND LOCATION OF MOUNTAIN PASSES—Continued

Name of Pass	Counties	Name of Range	Elevation in Feet	Earliest Known Use	Character of Present Use
McClure	Gunnison-Pitkin	Elk	9,500*	---	Trail
Meadows	Rio Grande	San Juan Group	10,300	---	Trail
Medano	Huerfano-Saguache	Sangre de Cristo-Culebra	10,150	1850	Trail
Milner	Grand-Larimer	Front	10,759	1900	Highway
Minnesota	Gunnison	Elk-West Elk	10,000*	---	Trail
Molas Lake	San Juan	San Juan Group	10,000*	---	Highway
Monarch	Chaffee-Gunnison	Sawatch Mountains	11,650	1880	Highway
Monument	Gunnison	San Juan Group	11,000*	---	Trail
Mosca	Huerfano-Saguache	Sangre de Cristo-Culebra	9,713	1850	{ Road East Side Trail West Side
Mosquito	Park-Lake	Park-Mosquito	13,188	1875	Abandoned Road
Muddy	Jackson-Grand	Park-Rabbit Ears	8,772	1875	Highway
Mummy	Larimer	Front	11,700*	---	Trail
Music	Huerfano-Saguache	Sangre de Cristo-Culebra	11,800	1878	Trail
North Cochetopa	Saguache	Cochetopa Hills	10,000*	1880	Trail
Ohio	Gunnison	Elk-West Elk	10,033	1900	Trail
Ophir	San Juan-San Miguel	San Juan Group	11,350	1888	Trail
Owl Creek	Gunnison-Ouray	San Juan Group	11,120	1919	Trail
Pass Creek	Huerfano	Sangre de Cristo-Culebra	9,200*	1850	Road
Pearl	Gunnison-Pitkin	Elk-West Elk	12,715*	1890	Trail
Poncha	Chaffee-Saguache	Sangre de Cristo-Culebra	8,945	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	---	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	---	8,600*	---	Trail
San Francisco	Las Animas	Sangre de Cristo-Culebra	8,560	---	Trail
Sangre de Cristo	Costilla	Sangre de Cristo-Culebra	9,459	1800	Abandoned Road
Schofield	Gunnison	Elk-West Elk	10,000*	1885	Road
Scotch Creek	Dolores-San Miguel	San Juan Group	10,500*	---	Abandoned Road
Silver	Mineral	San Juan Group	12,000*	---	Trail
Skull Creek	Moffat	---	8,700*	---	Road
Spring Creek	Hinsdale	San Juan Group	11,025	1878	Road
Squaw	Clear Creek	Front	9,807	---	Highway
Stillwater	Grand	Park-Rabbit Ears	10,000*	---	Trail
St. Louis	Grand	Front	11,500*	---	Trail
Stony	San Juan	San Juan Group	12,594	1878	Trail
Summit	Rio Grande	San Juan Group	12,000*	---	Trail
Swampy	Gunnison	Elk-West Elk	10,365	1900	Trail
Tarryall	Park	Front	12,456	---	Road
Taylor	Gunnison	Elk-West Elk	12,500*	---	Trail
Taylor	Gunnison-Pitkin	Elk-West Elk	12,400*	1882	Trail
Tennessee	Lake-Eagle	Front	10,424	1873	R. R. and Highway
Tincup	Chaffee-Gunnison	Sawatch Mountains	12,000*	1880	Trail
Trimble	La Plata	San Juan Group	13,076	1902	Trail
Troublesome	Jackson-Grand	Park-Rabbit Ears	10,000*	---	Trail
Trout Creek	Park-Chaffee	Park-Mosquito	9,346	1875	Highway
Twin Creek	Teller	---	8,200*	---	Road
Ute	Teller	---	7,600	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	Custer-Saguache	Sangre de Cristo-Culebra	10,500*	---	Trail
Veta	Costilla	Sangre de Cristo-Culebra	9,100*	1880	Railroad
Victor	Teller	---	10,202	---	Railroad
Warm Spring	Park	Park-Mosquito	---	1910	Trail
Webster	Park-Summit	Front	12,102	1900	Trail
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	---	10,850	1888	Highway
Yellowjacket	La Plata	San Juan Group	8,000*	1915	Trail
Yellowjacket	Rio Blanco	---	7,400*	1877	Road
Yellowjacket	Routt	---	7,500*	---	Road

* Approximate elevation in feet.

Homestead Lands

THE United States government had 7,657,140 acres of unappropriated and unreserved land within the boundaries of Colorado on July 1, 1931, subject to entry under homestead and other public land laws. Of that area, 6,536,475 acres was surveyed and 1,120,665 acres unsurveyed. The total area of unreserved public land was 370,328 acres smaller than on the same date in 1930, and 561,735 acres less than in 1929, the decreases being due to increases in the area embraced in original entries during the fiscal years 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 2,131,471 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 ten 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
1931	463,538

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
Denver Land District:		
Boulder	3,360	3,360
Chaffee	89,650	89,650
Clear Creek	5,242	16,842
Delta	130,900	132,500
Dolores	26,511	26,511
Douglas	80	80
Eagle	122,960	124,960
Elbert	80	80
Fremont	25,000	25,000
Garfield	414,559	550,088
Gilpin		3,480

Land District and County	Area in Acres	
	Surveyed	Total
Grand	64,090	64,090
Gunnison	273,250	347,150
Hinsdale	64,880	98,330
Jackson	170,760	170,760
Jefferson	880	880
Lake	11,160	23,960
Larimer	22,600	22,600
Logan	1,240	1,240
Mesa	608,848	763,138
Moffat	1,211,851	1,408,081
Montrose	454,110	514,710
Morgan	640	640
Ouray	25,220	25,220
Park	57,120	68,120
Pitkin	13,007	13,007
Rio Blanco	824,514	1,060,214
Routt	52,788	54,488
Saguache	90,190	90,190
San Miguel	264,600	310,340
Summit	13,680	13,680
Teller	1,520	1,520
Washington	1,040	1,040
Weld	2,440	2,440
Yuma	560	560
Total	5,049,330	6,028,949

Pueblo Land District:

Alamosa	46,824	46,824
Archuleta	93,533	102,661
Baca	799	799
Bent	3,486	3,486
Chaffee	1,121	1,121
Cheyenne	222	222
Conejos	249,756	249,756
Crowley	930	930
Custer	12,220	12,220
Dolores	16,860	23,260
Elbert	120	120
El Paso	1,926	1,926
Fremont	289,113	313,403
Hinsdale		9,900
Huerfano	52,705	52,705
Kiowa	571	571
Kit Carson	343	343
La Plata	138,163	152,203
Las Animas	38,003	38,003
Lincoln	1,316	1,316
Montezuma	190,237	221,502
Otero	1,261	1,261
Prowers	873	873
Pueblo	13,069	13,069
Rio Grande	76,187	76,187
Saguache	230,820	230,820
San Juan		46,023
Teller	26,687	26,687
Total	1,487,145	1,628,191

State total.....6,536,475 7,657,140

Earnings of the two Colorado land offices, and sources, for the year ending June 30, 1931, are as follows:

Fees and commissions	\$ 36,152.92
Sale of public lands	15,637.81
Royalties (leasing act)	83,581.14
Sale of Indian lands	33,828.24

Total\$169,200.11

Expenses of the two offices for the fiscal year amounted to \$22,949.08.

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

Total 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 reflected 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

*Owing to a change of policy, whereby compilations of the State Board of Land Commissioners are made biennially instead of annually, tables in this chapter do not contain data for 1931.

†For agricultural and grazing purposes.

oil and gas at the end of biennial periods on November 30 of the 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	1,908,170
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	283,205
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

Northern Coal Fields	Acres
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

Southern Coal Fields

Huerfano county.....	11,400
Las Animas county.....	33,360

Yampa Coal Fields

Moffat county.....	120,400
Routt county.....	69,720

Miscellaneous

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 original grant	Acres sold	Net acres remaining	Acres under 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
Total.....	4,500,686	1,424,116	3,076,570	2,544,544

*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 1,249,121 acres, is the largest. The forests average a little less than 1,000,000 acres each in area, or in all, 13,323,566 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 enterprises. Although they are a part of an extensive 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 160,787,687 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. The White River reserve was the first forest to be set aside in Colorado, the proclamation of President Harrison having been made October 16, 1891. These 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 names of each national forest wholly or partly in this state, and the headquarters of the supervisor.

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

*Lies principally in Utah.

†Name changed from "Colorado" to "Roosevelt" by executive order dated March 28, 1932.

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.
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.
Roosevelt:	Boulder, Gilpin, Jefferson, Larimer.

Forest	Counties
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 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 co-ordinated with the growing of timber in such a way that each will occupy its proper place.

Timber—The total amount of standing merchantable timber within the national forests of Colorado is estimated to be 31,918,969,000 board feet. The annual growth which these forests are capable of producing is approximately 500,000,000 board feet, or more than the timber demand of Colorado's present population.

The annual cut of timber from these national forests varies from 50 to 70 million board feet. In 1931 it amounted to 43,727,000. 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 in 1931 was \$2.38 per thousand feet, which in that year produced a revenue of \$104,003.83.

Sawtimber makes up about half of the annual cut. Other products, in the order of their importance, are railroad ties, mine props and timbers, telephone poles, posts and cordwood.

In addition to the timber disposed of through sales, 10,894,000 feet was cut by ranchers, settlers and farmers for use on their lands located on or near the national forests. This timber was disposed of without charge to the users under government regulations, which involved the issuance of over four thousand individual permits.

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

these products in 1931 amounted to \$1,373.

The average annual 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. During the past several years, with the exception of 1931, however, the yearly cut has increased slightly. Within recent years lodgepole pine has attracted attention as a species suitable for use in the form of telephone and telegraph poles. Plants have been established at Salida and Denver for the preservative treatment of poles, railroad ties, and fence posts produced from nearby forests.

In 1930 pulp-wood species (Engelmann and blue spruce, alpine, cork-bark and white fir), of which there are nearly 23,000,000,000 board feet of timber of sawlog size in the national forests of Colorado, received considerable attention from paper manufacturers. It is anticipated that there will be a renewed interest in pulp-wood in the state when economic conditions improve.

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-four 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, or 33,049 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 1931, 1,741 acres of denuded land were planted in the national forests of Colorado. The area planted annually is now being increased. In 1932, it is estimated, a total of 2,200 acres will be planted. A plantation of 500 acres will be established on Cedar mountain above Cheesman dam and 1,500 acres will be planted on denuded lands on the headwaters of the South Platte river above South park. The production of the Monument nursery has recently been increased to produce trees for this increased acreage. A total of 1,606,000 trees was shipped from the Monument nursery during the spring of 1931, and 1,804,000 will be distributed from this nursery in 1932. Of all the area planted to date in Colorado, about 85 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 obtained 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.

In 1931, 2,265,070 people used the

national forests of the state for recreation. Of these, 139,600 were hotel, resort, and summer home guests; 247,950 were campers, and 436,550 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 one of the numerous scenic routes for which the Colorado mountains are noted.

Although there was a decrease in the number of transient visitors to the forest during 1931, there was a much greater use by picnickers and campers, 132,700 more in 1931 than during the previous year. This class of users is represented mostly by people from the towns adjacent to the forests, and those who come from the rural districts of Colorado and neighboring states for their vacations.

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, organization 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 80 hotels and resorts and 525 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.

Exchange—There are 1,428,094 acres of private and state-owned land within the exterior boundaries of the national forests in 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. This will be located on the east side of North Park on the west slope of the Medicine Bow range.

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 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, 75,074 acres of privately-owned timber producing lands have been acquired in the national forests of the state in exchange for 25,592 acres and 59,099,000 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 9,207,000 acres of the 13,323,566 net acreage in the national forests of Colorado is used for summer pasturage by about 25 to 30 per cent of the cattle and 50 to 60 per cent of the sheep owned in the state. During 1931, 290,221 cattle and horses were grazed by 2,868 permittees, and 1,050,322 sheep and goats by 898 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.

The grazing season of 1931 was the driest known in the memory of old settlers. This was followed by the most severe winter conditions recorded for many years over all the country west of the Continental Divide. But the livestock on the national forest summer ranges in 1931 did well and in only a very few instances was it necessary to remove stock before the close of the regular grazing season on account of feed shortage. This was due to the policy that has been built up through the years of conservatively stocking the ranges during normal seasons and thus building up reserve strength in the forage plants which enables them better to withstand the tests of the abnormal seasons.

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 was 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.

Due to the abnormal conditions during the summer and winter of 1931, on February 24, 1932, the secretary of agriculture, with the recommendation and concurrence of the forest service, reduced the above fees by one-half for the season of 1932. Moreover, payments will not be required until December, thus giving the stockman time to market their 1932 product.

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, which is 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 1931 is indicated in the following figures:

Area now infested with poisonous plants	334,162
Area poisonous plants treated to close of 1931.....	14,664
Total cost of treatment to close of 1931	\$40,991

Experiments were conducted in the summer of 1930 in the mountains of Colorado on the effectiveness and costs of administering solutions of commercial calcium chlorate to larkspur. Seven strengths were tested, but the costs, which are dependent upon many factors, 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 the fiscal year 1931:

	Mi. or No.	Value
Fences	678	\$112,007
Corrals	49	3,885
Stock driveways.....	1,263	49,346
Stock bridges.....	8	1,814
Water developments....	306	13,278
(including springs)		

Game—Game animals are always interesting and the forest service game census for 1931 shows there are in the national forests of the state approximately 12,200 elk, 3,500 mountain sheep, 112 antelope, 41,150 mule deer, 2,670 black or brown bear and 17 silver-tip bear.

Approximately 6,558,800 fish fry were planted by the forest officers in the state in 1931.

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 are within the boundaries of the national forests. In addition to these state game refuges, game areas have been established by administrative restrictions embracing 315,858 acres.

Fire Control—During 1931 a total of 206 fires occurred on or threatened the national forests in the state. One hundred fifty-one of these covered only one-fourth of an acre or less, 40 covered one-fourth to 10 acres, and 15 burned over 10 acres or more. The total area burned was 2,611 acres and the damage to timber, reproduction,

forage and watershed protection amounted to \$3,708. Of the area burned, 1,267 acres were national forest land, 31 acres were land privately owned inside the forest boundaries and there were 1,313 acres of privately owned land burned outside the national forests. Of these fires, 83 were caused by lightning, 15 by railroads, 34 by campers, 49 by smokers, six by debris burning, one by lumbering operations, six by incendiaries, and 12 by miscellaneous other causes. The biggest increase in number of fires over 1930 was due to lightning. Numerous severe and very dry electrical storms occurred throughout the fire season. The balance of the increased number of fires was due to campers, smokers and debris burning. Railroads were responsible for fewer fires in 1931 than in the previous year. Campers and smokers in the forested areas continue to be careless with fire. During 1931, which was an exceptionally dry year, any one of these fires might have reached serious proportions had it not been for the alertness of forest officers and the local people. It cost the forest service \$14,802 to suppress these fires in Colorado in 1931, in addition to which \$560 was paid by other agencies. The largest fire occurred on the Grand Mesa national forest, where 1,510 acres of government and private land was burned over, due to the carelessness of smokers.

During the most hazardous part of the season it was necessary to close the Arapaho, Roosevelt, Routt and San Isabel national forests to camp fires, except in constructed fireplaces on improved campgrounds. All the forests were closed to fireworks during the Fourth of July period. Owing to the extreme hazard and the great number of visitors generally throughout most of the year, the Devils Head mountain area in the Pike national forest is permanently closed to camp fires, smoking and the discharge of firearms.

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 1931 a total of 79.3 miles of new roads were constructed by the expenditure of \$745,315. A total of \$595,390 was spent on the construction of forest highways, \$149,925 on forest development roads, and \$36,217 on trails, of which 422.4 miles were built during the year. In addition \$79,758 was spent in the maintenance of roads and trails during 1931.

Finances—The receipts from the sale of timber, grazing, and special use permits and other uses amounted to \$540,848 during the fiscal year 1931. Twenty-five per cent of this amount, or \$135,212, was turned over to the counties in accordance with the law, for schools and roads. An additional 10 per cent, or \$54,084.80, 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.

During the year there was expended \$1,013,564.31 of forest service funds appropriated by Congress for roads and trails in the national forests of Colorado. A total of \$653,892.85 was disbursed for the protection, improvement and administration of the national forests in the state, making a grand total expenditure of \$1,667,457.16. Although this amounts to about three times the total receipts, it will be noted that over two-thirds of the 1931 expenditures is in the nature of an investment by the government in roads and other improvements. Expenditures for these purposes were more than usual during the year because of congressional appropriations for unemployment relief.

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 toward 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. A list of the principal civic and commercial organizations of the state, with addresses, is published elsewhere in this volume.

Switzerland has been more successful than perhaps any other country in capitalizing its mountain scenery for profit.

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 reason-

ably 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 five national monuments within the state.

These 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.

The national park service reports that more than 300,000 visitors entered the national parks and monuments in Colorado in 1931.

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 13,323,566 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 1931 at 2,265,070. This compares with 1,617,147 in 1925 and indicates the growing popularity of the national forests.

A further description of the national forests, their uses for recreational purposes, hotels, resorts and residence sites therein, game, etc., will be found in another chapter under the title "National Forests."

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 recent years around 30,000,000 trout have been planted annually 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.

The city of Denver owns a chain of mountain parks radiating from the municipality into the mountains to the west, which form one of the leading tourist attractions of the state. The city has expended around \$2,000,000 in constructing highways, erecting shelter houses, opening picnic grounds and making the area accessible and attractive for visitors. A description of the municipal park system is given elsewhere in this volume.

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.

The number of people entering Colorado from other states in any given period is difficult to determine, but estimates compiled by various agencies, based in part on counts made and in part by computation of available data, give a fairly reliable indication of the facts. One authority gives the approximate number of visitors in 1931 at 1,390,148. Of this number, 990,148 came by automobiles and 400,000 on the railroads. The automobile estimate is based on a count made by the state highway department for the months of June, July and August, which showed 192,206 cars entering the state, with an average of 3.06 passengers per car. These three months account for 60 per cent of the total travel for the year and the remaining nine months for 40 per cent. The estimate of people coming in by railroads is based on the average number of passengers on regular main-line passenger trains, adjusted to seasonal changes.

The estimates for 1931, calculated on the basis named, are as follows:

	By Auto	By Rail	Total
3 mos., June, July and Aug.....	588,150	202,000	790,150
9 other mos.....	401,998	198,000	599,998
Total, year....	990,148	400,000	1,390,148

Expenditures by visitors in the state in 1931, estimated on the basis of questionnaires sent out in 1930, was \$94,390,000. These questionnaires showed an average stay of 2.95 weeks in the state for each visitor at an average ex-

penditure of \$5.58 per day. The estimate for 1931 is based on an average expenditure of \$4.58 per person per day, the amount being reduced from that of the previous year by 18 per cent on account of prevailing conditions. Of the total of \$94,390,000 for the year, \$72,396,000 is accounted for during June, July and August and \$21,994,000 during the other months of the year. Expenditures for oil and gas for automobiles from other states while visiting in Colorado are estimated at \$2,248,000, including \$436,142 for state gasoline tax.

It is estimated that the 588,150 persons who entered the state in June, July and August, 1931, in private automobiles and remained in Colorado an average of 2.95 weeks each, consumed 1,036 carloads of food products. This estimate is based on the apparent per capita consumption of principal foodstuffs in the United States as reported by the department of commerce. In the following table the first column gives the annual per capita consumption in the United States of the items mentioned and the second column gives the quantity apparently consumed by the auto visitors while in the state:

Wheat flour, pounds....	177.1	6,009,357
Cornmeal, pounds.....	5.4	183,232
Dressed beef, pounds...	61.4	2,083,424
Dressed mutton and lamb, pounds.....	5.3	179,839
Dressed veal, pounds..	8.0	271,456
Dressed pork (not in- cluding lard), pounds.	70.2	2,382,026
Butter, pounds.....	17.4	590,416
Cheese, pounds.....	4.17	141,496
Ice cream, gallons....	2.6	88,223
Eggs, dozens.....	17.9	607,382
Dressed poultry, pounds	19.8	671,853
Apples, pounds.....	67.7	2,297,196
Peaches, pounds.....	15.8	536,125
Pears, pounds.....	6.0	203,592
Cantaloupes, melons....	5.42	183,911
Onions, pounds.....	10.48	355,607
Potatoes, bushels.....	3.06	103,831
Lettuce, heads.....	6.64	225,308
Cabbage, pounds.....	18.07	613,151
Tomatoes, pounds.....	29.70	1,007,780
Dried beans, pounds....	9.12	309,459
Sugar, pounds.....	101.86	3,456,313
Candy, pounds.....	11.76	399,040

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 113,081 licenses issued in 1931 to residents and non-residents, giving the holders 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 \$275,000 to \$318,000 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 and one hatchery for propagation of bass, crappies, perch and other varieties of warm water fish. These hatcheries are among the most modern and complete in the United States and have a hatching capacity of 75,000,000 trout each 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 trout hatcheries, the counties in which they are located and the area of land included in each are as follows:

Hatchery	County	Acres
Buena Vista.....	Chaffee	205
Cedaredge.....	Delta	13
Denver.....	Adams	26
Del Norte.....	Rio Grande.....	10
Durango.....	La Plata.....	13
Estes Park.....	Larimer	10
Bellevue.....	Larimer	5
Grand Lake.....	Grand	1
Glenwood Springs.....	Garfield	5
Grand Mesa.....	Delta	10
Pitkin.....	Gunnison	20
Rye.....	Pueblo	5
Steamboat Spgs.....	Routt .....	..
Trappers Lake.....	Rio Blanco.....	10
Walden.....	Jackson	10

The department has recently constructed four large reservoirs 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 location and description of these reservoirs is as follows:

Haviland reservoir, La Plata county, 80 acres of deeded land and 120 acres under government easement, 84 acres of water.

Parvin reservoir, Larimer county, 160 acres of deeded land, 90 acres of water.

Tarryall reservoir, Park county, 900 acres of land and 400 acres of water.

Cameron Pass reservoir, Jackson county, 160 acres under government easement, 60 acres of 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 the department planted 25,583,000 trout in the streams of the state. The number in 1930 was 26,083,000 and approximately the same number were planted in 1931. This number about represents present requirements and will not be increased until there is a larger demand. The department in 1930 removed approximately 40,000 surplus male rainbows, from 10 to 12 inches long, from the spawning lakes and reservoirs and planted them in streams. A similar number were transferred in 1931. 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 260,000,000 trout in the streams of the state in the past thirteen 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	24,094,100
1928	25,677,570
1929	25,583,172
1930	26,083,146
1931 (Est.).....	26,000,000

A table published herewith shows the distribution of trout by counties and by years.

The United States forest service also maintains hatcheries at several points in the state, from which it distributes fish fry into the streams in the national forests. The approximate number distributed by these hatcheries in recent years is as follows:

1928	3,630,675
1929	3,532,500
1930	5,348,000
1931	6,558,800

A number of private hatcheries are operated in the state for supplying trout for market purposes and for stocking private lakes and streams upon which summer resorts are located. 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 23 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. These areas comprise 3,551,970 acres, of which 2,666,484 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.

The inventory value of the property of the state game and fish department as of June 30, 1930, was \$921,395, of which \$150,000 was for land, \$737,550 for buildings and improvements, \$20,000 for machinery, equipment and supplies, \$2,500 for furniture and fixtures and \$11,345 for autos and trucks.

Total disbursements by the state auditor on account of the game and

fish department for fiscal years ending November 30, are as follows:

1919	\$ 76,835.52
1920	135,456.97
1921	144,938.81
1922	178,405.28
1923	150,526.06
1924	207,779.06
1925	186,589.50
1926	334,953.09
1927	276,413.75
1928	288,220.59
*1929 to June 30	186,013.74
*1930 (June 30)	318,847.33
1931	276,421.79

*Fiscal year changed from November 30 to June 30. Figures for 1929 cover period from December 1, 1928, to June 30, 1929.

HUNTING AND FISHING LICENSES SOLD IN COLORADO, BY YEARS

(State Game and Fish Commissioner)

YEAR	Resident Licenses			Non-Resident Licenses				
	Combina- tion Hunt- ing and Fishing	Big Game	Elk	Fishing	Hunting	Big Game	Elk	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
1931	87,587	13,046	3,865	8,272	182	120	9	113,081

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.

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
1931	4
Total	40

*For part of year.

TROUT DISTRIBUTED IN COLORADO STREAMS, BY COUNTIES AND YEARS
(From the Records of the State Game and Fish Department)

COUNTIES	1930	1929	1928	1927	1926	1925
Adams	121,000	-----	-----	27,500	-----	-----
Alamosa	-----	-----	-----	62,000	-----	-----
Arapahoe	22,440	10,000	-----	-----	-----	-----
Archuleta	412,350	359,000	724,320	269,000	560,000	309,000
Baca	-----	-----	-----	-----	-----	-----
Bent	-----	-----	-----	-----	-----	-----
Boulder	865,000	775,000	860,000	380,000	822,000	800,500
Chaffee	1,598,000	2,359,765	698,700	202,000	280,000	410,000
Cheyenne	-----	-----	-----	-----	-----	-----
Clear Creek	100,000	379,000	290,000	240,000	361,000	240,000
Conejos	615,000	1,160,600	822,000	574,500	844,300	800,000
Costilla	45,000	30,000	15,000	25,000	52,000	125,000
Crowley	-----	-----	-----	-----	-----	-----
Custer	325,000	20,000	86,500	25,000	30,000	240,000
Delta	1,159,000	966,000	1,119,000	2,465,700	993,800	1,300,000
Denver	-----	-----	-----	-----	-----	-----
Dolores	91,000	160,000	140,000	650,000	100,000	200,000
Douglas	122,260	67,500	199,500	115,000	310,000	300,000
Eagle	729,000	280,000	522,000	426,000	909,000	618,000
Elbert	-----	-----	-----	-----	-----	-----
El Paso	101,000	117,500	60,000	227,000	230,000	300,000
Fremont	250,036	400,000	546,000	180,000	346,000	250,000
Garfield	1,313,000	760,000	975,000	1,171,000	602,000	631,000
Gilpin	40,000	25,000	78,000	45,000	70,000	150,000
Grand	1,031,900	945,000	1,177,000	761,000	1,212,000	581,000
Gunnison	3,333,000	1,948,000	3,193,000	3,068,000	2,988,000	1,679,000
Hinsdale	848,000	868,120	489,000	160,000	300,000	200,000
Huerfano	134,000	230,000	65,500	137,500	200,000	180,000
Jackson	640,050	981,080	1,005,700	1,530,000	592,530	240,000
Jefferson	994,860	576,000	481,000	721,500	457,000	375,000
Kiowa	-----	-----	-----	-----	-----	-----
Kit Carson	35,000	-----	-----	10,000	-----	-----
Lake	320,000	449,757	255,000	30,000	130,000	260,000
La Plata	1,959,500	1,358,340	1,822,350	1,178,500	1,142,000	680,000
Larimer	1,948,000	2,861,100	2,270,000	1,885,000	2,388,000	1,457,600
Las Animas	65,000	150,000	57,500	172,500	140,000	350,000
Lincoln	-----	-----	-----	-----	-----	-----
Logan	-----	-----	80,000	-----	-----	-----
Mesa	1,630,000	1,350,000	667,000	529,900	544,000	370,000
Mineral	584,500	520,950	324,500	314,500	595,000	552,000
Moffat	-----	68,000	83,000	339,000	85,000	150,000
Montezuma	315,000	97,000	85,000	180,000	190,000	180,000
Montrose	214,000	767,000	367,000	193,500	302,000	310,000
Morgan	-----	-----	-----	-----	-----	-----
Ctero	-----	-----	-----	-----	-----	-----
Ouray	220,000	84,000	154,000	112,000	68,000	190,000
Park	633,000	697,500	1,558,500	866,000	531,000	350,000
Phillips	-----	-----	-----	-----	-----	-----
Fitkin	398,000	120,000	463,000	365,000	796,000	560,000
Prowers	-----	-----	-----	-----	-----	-----
Pueblo	40,000	90,020	155,500	145,000	300,000	280,000
Rio Blanco	1,242,000	773,400	973,000	1,176,000	816,000	580,000
Rio Grande	325,000	365,000	239,500	481,500	398,000	595,000
Routt	-----	787,000	946,000	932,000	938,000	853,000
Saguache	212,500	615,500	769,500	304,000	125,000	175,000
San Juan	199,000	363,600	266,000	720,000	80,000	170,900
San Miguel	453,750	325,840	242,000	419,000	260,000	190,000
Sedgwick	-----	-----	-----	15,000	-----	-----
Summit	135,000	68,500	55,000	73,000	132,000	190,000
Teller	145,000	90,000	203,000	175,000	170,000	320,000
Washington	-----	-----	-----	-----	-----	-----
Weld	-----	58,100	54,000	-----	-----	-----
Yuma	83,000	65,000	25,000	15,000	30,000	80,000
State	*26,083,146	*25,583,172	25,667,570	24,094,100	22,419,630	18,721,100

*Includes 35,000 distributed in Texas in 1930; 40,000 at Del Norte in 1929

Irrigation and Drainage

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

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

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

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

Colorado took first place in the area of land irrigated in 1899 and held that rank until 1919, when California went ahead of it as a result of the development of water from the drilling of wells. Colorado continues, however, to rank first among all the states in the area of land receiving its entire water supply from streams. 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.

There were 59,956 farms in the state reported by the 1930 census, of which 31,288, or 52.2 per cent, were irrigated in whole or in part. All land in farms comprised 28,876,171 acres, of which 3,393,619 acres, or 11.8 per cent, was irrigated. The number of irriga-

tion enterprises in the state in 1930 was 6,509, representing an investment of \$87,603,240. Of this number, 5,926 were individual and partnership enterprises; 531 were co-operative; 15 were irrigation districts; one was a Carey act project; 28 were commercial; and the remainder were United States reclamation, city and other projects. The co-operative projects represented an investment of \$45,651,717. An accompanying table gives a summary of irrigation development in 1930, with comparative figures for 1920, and the amount and per cent of increase.

The irrigation works in the state, by character of enterprise, in 1930, were as follows:

Dams, number:	
Diversion	3,672
Storage	706
Main canals:	
Capacity, sec.-ft.....	123,652
Length, miles.....	15,355
Lateral canals:	
Length, miles.....	6,026
Reservoirs:	
Number	765
Capacity, acre-ft.....	1,924,982
Pipe lines:	
Length, miles.....	132
Flowing wells:	
Number	621
Capacity, g. p. m.....	39,644
Pumped wells:	
Number	654
Capacity, g. p. m.....	237,903
Pumping plants:	
Number	516
No. pumps.....	540
Pump capacity, g. p. m.....	298,101

The investment in irrigation enterprises, as reported for census years, and the average per acre, based on the area the enterprises were capable of supplying with water, is as follows:

Year	Investment	Average Per Acre
1890	\$ 6,368,755	\$ 7.15
1900	11,758,703	7.30
1910	56,636,443	14.19
1920	88,302,442	22.90
1930	87,603,240	21.48

The investment of \$87,603,240 in enterprises in 1930, distributed over the periods from the beginning of irrigation in the state, show that 27.2 per cent of the entire amount was invested in 1905 to 1909, inclusive, and 22.9 per cent between 1880 and 1889. This distribution does not agree with the figures reported by the 1920 census, and takes into account depreciation, abandonments, etc. The distribution of the investment in 1930 from the beginning is as follows:

Date	Investment	Per Cent of Total
Before 1860.....	\$ 426,525	0.5
1860-1869	5,213,823	6.0
1870-1879	9,675,437	11.0
1880-1889	20,071,653	22.9
1890-1899	7,225,131	8.2
1900-1904	12,791,634	14.6
1905-1909	23,792,206	27.2
1910-1914	5,613,651	6.4
1915-1919	317,899	0.4
1920-1924	869,698	1.0
1925-1929	337,722	0.4
Not Reported.....	1,267,861	1.4
Total	\$87,603,240	100.0

The progress of irrigation as indicated by the number of farms irrigated in whole or in part, the area irrigated, and percentages of increase by years are as follows:

Year	Farms Irrig.		Acres Irrig.	
	Number	Pct. Incr.	Number	Pct. Incr.
1890	9,659	...	890,735	...
1900	17,613	82.3	1,611,271	80.9
1910	25,857	46.8	2,792,032	73.3
1920	28,756	11.2	3,348,385	19.9
1930	31,288	8.8	3,393,619	1.4

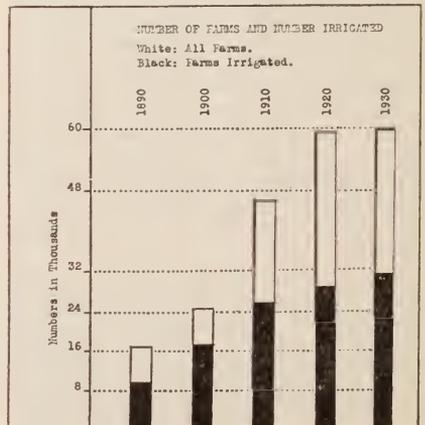
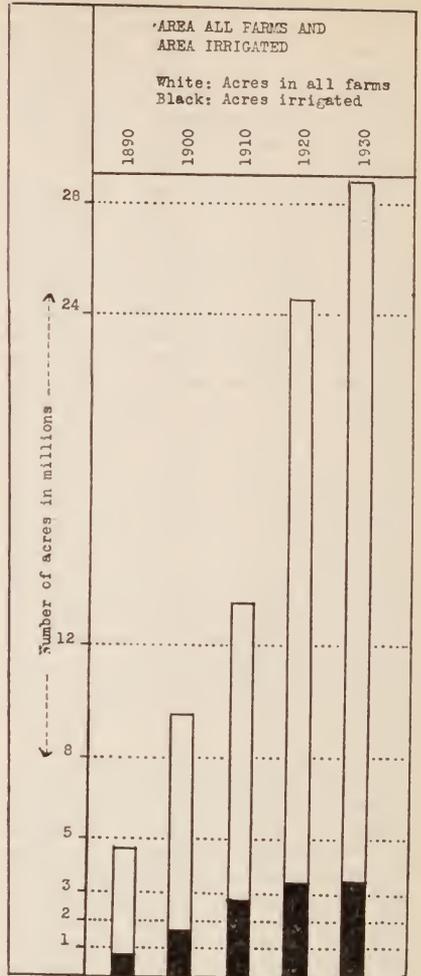
Soil to which water is applied by irrigation as needed produces larger yields per acre than non-irrigated crops as a rule. This fact may not be recognized readily from a study of crop reports unless the distinction is closely watched. For instance, the average yield per acre of irrigated winter wheat for five years ending with 1930 was 31.2 bushels, and non-irrigated 10.81 bushels. The average yield of wheat without taking into consideration whether it is irrigated or non-irrigated, would be somewhere between these two figures.

A table is given herewith showing the investment in irrigation enterprises in 1930 and 1920, by counties, the estimated final investment, and the average per acre in 1930.

Another table shows by counties the irrigation works in the state in 1930 and 1920, including the number of enterprises, mileage of canals and laterals, number of reservoirs and their capacity.

Another table gives the number of irrigated farms, land area, area irrigated and area enterprises are capable of supplying with water, by counties and years.

Drainage enterprises, which are operated in part in connection with irrigation systems, are described separately in an accompanying chapter.



IRRIGATION; SUMMARY OF STATE FOR 1930 AND 1920, WITH INCREASES

(Compiled from Census Reports)

	1930	1920	Increase	
			Amount	Per Cent
Land area of state, acres-----	66,341,120	66,341,120	-----	---
Number farms-----	59,956	59,934	22	---
Acres in all farms-----	28,876,171	24,462,014	4,414,157	18.0
Number irrigated farms-----	31,288	28,756	2,532	8.8
Acres irrigated-----	3,393,619	3,348,385	-----	---
Acres enterprises were capable of supplying with water-----	4,078,712	3,855,346	223,364	5.8
*Acres in enterprises-----	4,528,251	5,220,588	-----	---
Per cent irrigated:				
All farms-----	52.2	48.0	-----	---
All land in farms-----	11.8	13.7	-----	---
All land in state-----	5.1	5.0	-----	---
Excess of area enterprises were capable of supplying with water over irrigated area, acres-----	685,093	506,963	178,130	35.1
*Excess of area in enterprises over area irrigated, acres-----	1,134,632	1,872,203	-----	---
Area of irrigated land available, or to be available for settlement, acres---	88,731	274,282	-185,551	-67.6
Value of irrigated farms (land, buildings, implements and machinery)---	\$414,180,910	(†)	-----	---
Investment in irrigation enterprises---	87,603,240	\$ 88,302,442	\$ -699,202	-0.8
‡Average per acre-----	21.48	22.90	-1.42	-6.2
Est. final cost of existing enterprises..	91,845,804	95,198,423	-3,352,619	-3.5
*Average per acre-----	20.28	18.24	-----	---
Average annual cost, per acre, for maintenance and operation of irrigation works-----	0.85	0.87	-0.02	-2.3

*Irrigable area, 1930; total area, 1920.

†Figures not available.

‡Based on area enterprises were capable of supplying with water.

—Denotes decrease.

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.

PIKE'S PEAK

Pike's peak, in El Paso county, probably the most famed of Colorado peaks, was first seen by Lieut. Zebu-

lon M. Pike, of the United States army, at 2 o'clock in the afternoon on November 15, 1806, from a point near the mouth of the Purgatoire river, in what is now Bent county. It subsequently was named in his honor and became the best known of all the high peaks by reason of the fact that it stands out to the view so prominently when the mountain range is approached from the east. In a table of the location and altitude of Colorado peaks published in this volume, there are 24 peaks which are higher above sea level than Pike's peak. Reports have been current at intervals that the peak is sinking gradually and that it has sunk nearly 40 feet in the last 25 or 30 years. This is denied by the United States geological survey, which in 1908 established its official altitude as 14,109 feet. These reports evidently arose over a confusion of the elevation with the data of old railroad or barometer figures, which gave it an elevation as high as 14,181 feet. Lieutenant Pike, shortly following his discovery, calculated the elevation of the peak at 18,581 feet.

INVESTMENT IN IRRIGATION ENTERPRISES, 1930 AND 1920, BY COUNTIES

(Compiled from Census Reports)

COUNTY	Investment to Jan. 1		Av. Per Acre, Based on Area Enterprises Were Capable of Supplying with Water		Estimated Final Investment in Enterprises		Av. Per Acre, Based on Est. Final Investment and Irr. Area 1930
	1930	1920	1930	1920	1930	1920	
Adams -----	\$ 2,758,737	\$ 2,436,771	\$ 24.53	\$ 35.80	\$ 2,759,587	\$ 2,557,121	\$ 21.06
Alamosa -----	586,296	416,305	3.75	2.47	587,296	458,952	3.23
Arapahoe -----	606,503	597,099	19.89	22.84	608,003	600,299	18.40
Archuleta -----	157,089	168,635	8.11	12.69	158,389	170,285	6.75
Baca -----	408,375	572,553	108.06	47.63	408,375	572,553	105.96
Bent -----	1,123,422	2,773,601	17.25	20.80	1,126,222	2,797,201	16.45
Boulder -----	1,703,651	1,774,922	9.37	10.16	1,790,211	1,850,662	9.72
Chaffee -----	517,909	261,368	16.82	8.68	518,909	265,083	15.41
Conejos -----	1,478,246	1,155,162	9.78	7.58	1,481,096	1,156,632	9.02
Costilla -----	1,687,160	1,389,816	15.34	31.65	1,692,260	1,403,066	14.98
Crowley -----	1,994,077	2,587,043	28.50	44.05	2,043,894	2,593,508	26.81
Custer -----	86,292	75,431	3.42	2.25	87,142	76,596	3.42
Delta -----	3,439,560	4,168,137	25.43	32.70	3,719,185	4,320,091	26.32
Denver -----	80,095	47,386	89.79	11.85	80,095	47,386	89.79
*Dolores -----	4,530	549,070	6.38	232.56	4,530	729,020	5.73
Douglas -----	392,242	207,786	41.04	20.00	392,642	208,286	39.35
Eagle -----	566,620	285,282	17.75	9.18	607,170	307,432	17.56
Elbert -----	130,450	25,561	20.77	14.28	136,450	39,961	19.76
El Paso -----	411,844	901,461	12.14	40.89	411,844	921,161	12.10
Fremont -----	945,663	1,761,518	29.59	49.35	951,418	1,889,558	25.80
Garfield -----	983,360	1,134,502	12.22	12.09	988,835	1,170,827	9.92
Grand -----	372,095	534,913	8.79	12.41	405,045	547,713	7.33
Gunnison -----	358,025	462,748	7.45	8.82	364,575	472,998	7.32
Hinsdale -----	1,269,972	395,752	212.23	102.00	1,319,972	395,752	199.90
Huerfano -----	283,324	1,061,777	6.42	33.06	287,824	1,083,232	6.22
Jackson -----	695,900	784,326	4.95	5.25	963,030	1,043,826	5.92
Jefferson -----	2,500,326	1,231,205	42.59	16.72	2,510,326	1,268,125	41.42
Kiowa -----	325,800	251,500	324.18	120.18	335,800	337,200	226.13
Kit Carson -----	1,910	†	2.89	---	1,910	†	2.79
Lake -----	8,970	33,696	2.11	4.75	8,970	33,696	2.11
La Plata -----	1,039,896	938,864	8.87	12.00	1,240,216	978,214	9.42
Larimer -----	7,514,401	6,236,866	41.54	33.17	7,516,971	6,473,663	40.95
Las Animas -----	2,058,902	401,720	42.76	9.16	2,319,602	455,470	42.90
Lincoln -----	2,950	†	6.56	---	2,950	†	3.17
Logan -----	3,072,572	3,593,889	24.86	33.93	3,081,072	3,596,039	24.20
Mesa -----	6,620,956	7,319,055	37.22	52.24	7,273,473	8,155,335	34.75
Mineral -----	24,250	81,683	7.65	8.21	32,050	102,243	6.39
Moffat -----	381,417	366,301	12.79	15.12	388,497	386,226	10.90
Montezuma -----	4,932,595	1,846,679	59.28	41.23	5,959,445	2,446,679	60.76
Montrose -----	6,944,017	6,788,758	66.07	54.79	7,139,617	7,286,466	62.27
Morgan -----	2,784,109	2,600,735	24.14	16.91	2,804,109	2,604,785	22.22
Otero -----	2,782,085	4,157,535	26.23	33.29	2,788,085	4,438,935	23.30
Ouray -----	213,491	197,689	9.11	8.56	216,016	197,758	6.87
Park -----	211,435	175,670	4.64	3.38	211,485	176,080	4.52
Pitkin -----	300,660	208,324	11.97	13.73	309,060	214,324	12.07
Prowers -----	2,319,500	1,160,422	18.27	14.24	2,319,825	1,163,412	17.68
Pueblo -----	2,459,925	3,645,462	25.33	41.10	2,748,525	3,919,262	22.24
Rio Blanco -----	488,770	355,617	14.19	10.86	515,990	372,882	13.09
Rio Grande -----	1,357,907	981,136	7.85	4.32	1,358,007	982,914	7.29
Routt -----	523,065	572,873	6.74	9.37	532,240	613,908	6.12
Saguache -----	587,509	450,609	3.30	2.94	588,409	531,614	3.19
*San Miguel -----	550,484	676,100	25.41	29.64	672,644	797,700	12.47
Sedgwick -----	802,360	716,215	33.45	31.07	802,860	716,215	32.66
Summit -----	84,960	103,581	7.48	9.43	84,960	103,631	7.48
Teller -----	3,965	12,141	6.29	7.88	3,965	12,141	5.71
Washington -----	988,116	78,966	84.42	7.82	992,116	80,166	84.40
Weld -----	12,621,370	16,417,224	25.26	41.52	13,144,670	18,892,937	23.13
Yuma -----	43,200	83,908	11.35	8.24	43,500	89,908	10.96
All Other Counties	10,440	89,094	17.03	63.91	10,440	90,994	17.03
State -----	\$87,603,240	\$88,302,442	\$ 21.48	\$ 22.90	\$91,845,804	\$95,198,423	\$ 20.28

*Part of Dolores annexed to San Miguel in 1925.

†Included in "All Other Counties."

IRRIGATION WORKS IN 1930 AND 1920 BY COUNTIES

(Compiled from Census Reports)

COUNTY	Number Enterprises		Length, Main Canals and Laterals (Miles)		Number Reservoirs		Capacity Reservoirs (Acre feet)	
	1930	1920	1930	1920	1930	1920	1930	1920
Adams	150	59	304	366	7	11	44,245	68,551
Alamosa	49	57	548	355	---	2	---	12,527
Arapahoe	24	37	97	218	1	6	232	73,866
Archuleta	124	97	201	185	3	5	869	665
Baca	4	7	29	27	1	4	35,000	33,726
Bent	37	30	719	1,110	3	17	62,756	339,402
Boulder	92	151	582	1,467	24	44	43,974	33,282
Chaffee	118	157	300	439	2	3	11,440	20
Conejos	172	159	662	633	2	5	24,000	34,968
Costilla	103	46	357	537	5	6	130,943	132,860
Crowley	22	24	116	212	19	18	66,577	8,593
Custer	126	202	238	338	2	1	280	5
Delta	276	298	799	997	129	115	35,537	39,234
Denver	5	4	14	20	---	---	---	---
*Dolores	10	22	13	58	---	---	---	19,630
Douglas	95	94	126	213	9	17	15,335	4,287
Eagle	196	186	330	447	8	15	3,378	1,468
Elbert	17	22	54	62	9	5	4,537	6,755
El Paso	93	63	172	193	16	29	8,741	13,103
Fremont	186	179	245	330	20	31	7,260	6,972
Garfield	291	323	736	1,242	16	26	20,572	7,594
Grand	155	166	415	579	21	25	3,641	3,137
Gunnison	227	382	409	736	3	6	77	460
Hinsdale	53	52	51	104	5	2	126,400	43,500
Huerfano	313	267	388	621	12	34	1,446	12,027
Jackson	149	145	570	822	15	9	16,714	15,159
Jefferson	57	105	269	351	43	25	35,994	8,178
Kiowa	5	6	1	52	6	4	266,202	32,118
Kit Carson	6	†	9	†	2	†	1	†
Lake	24	30	24	52	2	---	54,452	---
La Plata	324	211	769	704	1	5	30	15
Larimer	228	171	824	982	68	69	162,500	181,515
Las Animas	111	176	297	401	6	21	47,089	429,105
Lincoln	5	†	20	†	10	†	804	†
Logan	39	39	551	511	6	7	107,159	116,108
Mesa	221	213	761	1,012	58	60	16,584	19,201
Mineral	29	42	37	82	---	2	---	2,311
Moffat	101	127	274	696	12	18	2,022	1,569
Montezuma	140	102	502	424	12	9	16,786	17,680
Montrose	76	103	841	813	14	14	13,144	8,335
Morgan	35	39	476	370	4	10	86,772	86,680
Otero	23	26	478	753	5	10	35,347	36,659
Ouray	152	96	255	213	2	---	156	---
Park	199	213	341	460	2	1	26,002	8
Pitkin	104	76	254	228	2	3	1,011	19
Prowers	39	29	919	489	2	5	47,155	53,613
Pueblo	233	264	379	896	27	61	56,940	109,534
Rio Blanco	166	189	400	506	8	24	1,116	4,028
Rio Grande	206	159	773	721	2	4	54	30,150
Routt	374	310	700	687	30	50	19,951	5,432
Saguache	196	212	630	863	4	14	336	8,854
*San Miguel	64	67	235	413	6	3	6,046	5,066
Sedgwick	5	7	82	94	---	2	---	27,219
Summit	64	79	99	157	1	---	3	---
Teller	10	25	9	83	---	1	---	40
Washington	6	8	52	60	1	3	32,300	268
Weld	225	238	1,606	1,990	88	103	224,056	310,059
Yuma	14	26	34	103	7	4	261	30
All Other Counties	17	17	5	31	2	7	755	737
State	†6,585	6,634	21,381	27,593	765	979	1,924,982	2,406,372

*Part of Dolores annexed to San Miguel in 1925.

†Includes 63 intercounty projects counted in this table as 139 independent enterprises; corresponding figures for 1920 not available.

‡Included in "All Other Counties." All other counties include Cheyenne, Clear Creek, Gilpin, Phillips and San Juan.

IRRIGATED FARMS; NUMBER, LAND AREA, AREA IRRIGATED, AND AREA ENTERPRISES WERE CAPABLE OF SUPPLYING WITH WATER, BY COUNTIES AND YEARS.

(Compiled from Census Reports)

Note—This table includes only farms irrigated wholly or in part. Other tables in this volume give the number and area of all farms.

COUNTY	Number of Irrigated Farms		Land in Irrigated Farms 1930 (Acres)	Area Irrigated (Acres)		Area Enterprises Were Capable of Supplying with Water (Acres)		Irrigable Area in Enterprises 1930 (Acres)
	1930	1920		1929	1919	1930	1920	
Adams	1,057	740	135,866	66,826	66,407	112,471	68,065	131,008
Alamosa	484	281	207,907	141,489	89,805	156,249	168,625	182,069
Arapahoe	516	477	40,142	29,526	25,674	30,496	26,137	33,043
Archuleta	163	185	101,543	16,225	11,933	19,371	13,289	23,480
Baca	34	23	26,675	2,819	2,287	3,779	12,020	3,854
Bent	518	438	147,679	64,338	128,712	65,122	133,372	68,451
Boulder	1,201	1,200	152,867	159,428	159,781	181,896	174,736	184,185
Chaffee	291	313	68,015	26,938	29,623	30,797	30,113	33,676
Conejos	1,201	734	199,054	119,049	139,504	151,218	152,346	164,223
Costilla	551	431	319,786	48,272	36,771	109,957	48,906	112,965
Crowley	452	447	99,221	56,271	57,789	69,971	58,735	76,248
Custer	158	165	130,043	23,295	24,241	25,262	33,548	25,445
Delta	1,678	1,680	173,938	107,333	93,509	135,234	127,469	141,315
Denver	133	118	1,758	892	4,000	892	4,000	892
*Dolores	16	21	5,065	630	1,023	710	2,361	790
Douglas	96	108	109,233	6,474	8,696	9,557	10,391	9,978
Fagle	290	277	134,840	28,221	30,025	31,925	31,073	34,576
Elbert	7	12	12,411	2,487	1,175	6,282	1,790	6,602
El Paso	156	143	197,316	20,693	18,143	33,911	22,047	34,046
Fremont	1,015	827	188,419	25,655	29,884	31,957	35,673	36,873
Garfield	873	829	208,982	69,799	73,473	80,472	93,814	99,701
Grand	203	237	209,214	28,649	39,857	42,343	43,092	55,255
Gunnison	299	335	182,454	41,474	48,280	48,080	52,467	49,811
Hinsdale	34	29	15,633	5,212	3,675	5,984	3,880	6,603
Huerfano	383	418	300,083	30,974	29,081	44,129	32,119	46,260
Jackson	176	156	302,888	113,840	136,942	140,475	149,325	162,730
Jefferson	1,320	1,141	110,947	58,124	70,788	58,700	73,635	60,607
Kiowa	3	12	9,580	270	418	1,005	2,083	1,485
Kit Carson	5	†	11,340	650	†	660	†	685
Lake	27	29	15,034	4,242	6,397	4,242	7,088	4,242
La Plata	871	860	244,789	94,532	63,755	117,135	78,227	131,706
Larimer	1,499	1,486	537,255	173,078	169,356	180,879	188,047	183,571
Las Animas	531	530	638,022	32,092	40,400	48,153	43,857	54,071
Lincoln	7	†	84,490	185	†	450	†	930
Logan	617	397	260,966	111,378	85,079	123,616	105,916	127,318
Mesa	2,413	2,060	270,166	136,488	102,607	177,904	140,104	209,308
Mineral	32	28	20,810	2,563	6,865	3,172	9,950	5,015
Moffat	167	103	188,447	17,938	17,439	29,821	24,224	35,631
Montezuma	626	616	143,005	62,146	44,083	83,203	44,795	98,078
Montrose	1,238	1,294	199,966	84,058	94,757	105,100	123,905	114,648
Morgan	845	777	216,334	105,277	132,231	115,333	153,796	126,196
Otero	1,120	1,157	203,359	87,981	120,198	106,066	124,879	119,646
Ouray	156	142	95,820	20,401	14,016	23,431	23,092	31,430
Park	125	122	364,004	44,038	49,793	45,570	52,029	46,795
Pitkin	154	153	50,292	17,501	12,994	25,118	15,172	25,612
Prowers	729	660	168,730	111,634	76,322	126,955	81,508	131,195
Pueblo	935	955	749,730	69,211	75,454	97,122	88,699	123,567
Rio Blanco	234	278	209,671	30,526	28,046	34,438	32,742	39,416
Rio Grande	692	584	195,505	161,191	206,258	172,997	227,167	186,267
Routt	453	428	274,801	58,839	50,735	77,571	61,123	87,022
Saguache	416	390	400,113	163,815	137,581	178,052	153,391	184,412
*San Miguel	115	154	92,079	18,249	18,634	21,661	22,811	53,945
Sedgwick	161	130	93,891	22,375	21,510	23,985	23,050	24,580
Summit	52	67	28,836	9,204	9,831	11,354	10,986	11,354
Teller	12	26	12,830	559	1,464	630	1,540	695
Washington	63	51	27,515	11,120	9,335	11,705	10,095	11,755
Weld	3,612	3,398	761,920	443,915	382,701	499,675	395,444	568,407
Yuma	49	29	36,461	2,725	8,254	3,805	10,182	3,970
All Other Counties	19	35	16,054	514	794	613	1,394	613
State	31,288	28,756	10,390,299	3,893,619	3,348,385	4,078,712	3,855,348	4,528,251

*Part of Dolores annexed to San Miguel in 1925.

†Included in "All Other Counties."

Farm Drainage and Drainage Enterprises

THERE were 3,253 farms provided with drainage for 230,281 acres of land in the state on January 1, 1930, as reported by the census, and 58 drainage enterprises with drainage facilities for 366,719 acres. Drainage of agricultural land, as defined for census purposes, is the act or process of drawing off an excess of water by underground conduits, pipes, tiles, or by open or covered trenches in the surface of the ground for the purpose of improving the condition of the soil and crops. The purpose of drainage principally is for the prevention or removal of alkali and seepage resulting from irrigation and to protect land subject to overflow. Farm land provided with drainage is the work done by the farm owner and may be independent of or supplemental to the works of an organized enterprise. A drainage enterprise is an area organized accord-

ing to law for the purpose of improving farm land for agricultural purposes.

Of the 366,719 acres under drainage enterprises on January 1, 1930, there were 250,238 acres in drainage districts organized under the drainage laws of the state, similar to irrigation districts; 99,130 acres under drainage projects controlled by irrigation enterprises; and 17,351 acres in individually owned enterprises. Of the 58 drainage enterprises in the state on January 1, 1930, there were 55 enterprises covering 293,489 acres of land, with an invested capital of \$3,214,298, reported as completed, and three enterprises, covering 73,230 acres of land, with an invested capital of \$1,144,568, upon which approximately \$37,000 would be required to complete the drainage work under construction. The completed works included approximately 815 miles of ditches and 370 miles of tile drains.

FARMS REPORTING DRAINAGE AND FARM LAND DRAINED, 1930 AND 1920;
NUMBER OF FARMS AND LAND AREA, 1930
(Compiled from Census Reports)

COUNTY	Farms Reporting Drainage		Number All Farms 1930	Farm Land Provided with Drainage		Land Area 1930 Acres
	Number 1930	Number 1920		Acres 1930	Acres 1920	
Adams -----	32	40	1,912	729	994	807,715
Alamosa -----	64	47	531	13,214	8,291	465,280
Bent -----	93	69	882	10,887	4,725	975,360
Boulder -----	221	358	1,473	5,312	11,499	488,960
Conejos -----	154	24	1,467	26,402	14,476	801,280
Crowley -----	260	*	626	22,473	*	517,120
Delta -----	82	122	1,744	1,743	2,427	768,640
Gunnison -----	5	19	370	558	539	2,034,560
Jackson -----	3	13	203	800	1,165	1,044,480
Jefferson -----	135	160	1,817	1,438	1,516	517,120
Larimer -----	233	396	1,838	8,125	12,711	1,682,560
Logan -----	57	16	1,845	3,956	2,393	1,166,080
Mesa -----	683	137	2,665	30,266	2,407	2,024,320
Montrose -----	99	161	1,318	3,364	3,836	1,448,960
Otero -----	120	107	1,298	9,599	5,144	805,760
Prowers -----	217	106	1,382	22,753	6,442	1,043,200
Pueblo -----	15	20	1,473	918	541	1,557,120
Rio Grande -----	156	18	730	39,993	6,080	574,720
Saguache -----	16	17	557	4,475	7,835	2,005,120
Weld -----	485	575	5,457	20,987	19,683	2,574,080
All Other Counties -----	123	344	30,368	2,289	14,333	43,038,685
State -----	3,253	2,749	59,956	230,281	127,037	66,341,120

Note—Farm land reported in this table may or may not be located within a drainage district, and usually such drainage is the result of work done by the farm owner, and may be independent of or supplemental to the works of an organized enterprise. Drainage enterprises are covered in another table.

No drainage on farms reported in Archuleta, Cheyenne, Costilla, Dolores, Elbert, Hinsdale, Kiowa, Kit Carson, Lake, Lincoln, Park, Phillips, San Juan, Sedgwick, Washington and Yuma Counties in 1930; and Baca, Cheyenne, Clear Creek, Dolores, Douglas, Elbert, Lincoln, Mineral, San Juan and Sedgwick Counties for 1920.

*Included in "All Other Counties."

DRAINAGE ENTERPRISES BY COUNTIES, 1930 AND 1920

(Compiled from Census Reports)

COUNTY	Land in Enterprises (Acres)	Condition of Land		Capital Invested in Enterprises	Estimated Cost When Completed	
		Improved (Acres)	Unimproved (Acres)		Amount	Average Per Acre
Alamosa -----1930	33,845	19,443	14,402	\$ 308,494	\$ 308,494	\$ 9.11
1920	†	†	-----	†	†	†
Bent -----1930	23,112	22,772	340	259,150	259,150	11.21
1920	11,550	8,736	-----	99,500	110,500	9.57
Conejos -----1930	36,571	21,540	15,331	581,400	581,400	15.77
1920	17,100	9,163	-----	253,907	343,907	20.11
Crowley -----1930	28,867	28,282	585	519,000	519,000	17.98
1920	†	†	-----	†	†	†
Mesa -----1930	73,831	64,763	9,068	1,164,568	1,201,568	16.27
1920	50,640	30,640	-----	224,805	312,000	6.16
Otero -----1930	14,445	11,868	2,577	352,000	352,000	24.37
1920	4,539	4,196	-----	141,000	156,000	34.37
Prowers -----1930	47,593	47,593	-----	539,050	539,050	11.33
1920	38,040	30,359	-----	126,000	126,000	3.31
Rio Grande-----1930	65,010	57,330	7,680	410,724	410,724	6.32
1920	27,000	23,650	-----	108,200	108,200	4.01
Saguache -----1930	33,220	19,240	13,980	82,080	82,080	2.47
1920	†	†	-----	†	†	†
*Other Counties-----1930	9,925	9,192	733	142,400	142,400	14.35
1920	22,787	16,287	-----	128,463	128,463	5.64
†State -----1930	366,719	302,023	64,696	\$4,358,866	\$4,395,866	\$11.99
1920	171,656	123,031	-----	1,051,875	1,285,070	7.49

*Includes Logan, Morgan and Weld counties in 1930; and Alamosa, Crowley, Morgan and Saguache counties in 1920.

†Included in "Other Counties."

RELATED RUN-OFF FOR COLORADO STREAMS

Period October 1, 1930, to September 30, 1931

(Compiled by State Engineer)

STREAM	Total Runoff		July to Sept. (Inclu.)		No. Years Record
	Acre-Feet	% of Mean	Acre-Feet	% of Mean	
*South Platte River at South Platte	204,000	73	76,500	75	40
Clear Creek near Golden	110,000	60	31,300	48	22
St. Vrain River at Lyons	62,100	61	15,100	43	42
Cache La Poudre River at the Canon Mouth	177,000	56	49,300	56	48
Arkansas River at Canon City	282,000	52	55,200	34	44
Purgatoire River at Trinidad	62,100	87	13,000	43	24
Rio Grande near Del Norte	353,000	42	77,200	43	42
Saguache Creek near Saguache	32,600	49	6,100	34	21
Conejos River near Mogote	136,000	48	31,600	52	29
†Colorado River at Glenwood Springs	1,240,000	55	238,000	44	32
Fraser River at West Portal	21,100	64	5,630	57	21
†Blue River near Dillon	65,000	69	18,000	59	21
Dolores River at Dolores	130,000	39	18,900	36	22
San Miguel River at Placerville	99,500	69	27,800	49	6
Yampa River at Steamboat Springs	243,000	65	13,000	32	26
White River at Meeker	361,000	73	61,400	64	28

*Corrected for Storage.

†Stations maintained by State Engineer's Office in co-operation with the U. S. 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 6,835 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
1931	1,724,040

The area farmed in 1931 was approximately 79,561 acres, which compares with 78,000 acres in 1930. Within their limits there were in 1931, 5,207 horses, 6,239 dairy cattle, 7,574 beef cattle, 10,276 swine, 34,961 sheep and 96,700 poultry.

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

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 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 18,800 acres of the gravity division is now being farmed and in 1931 produced crops with a value of \$378,329, or an average of \$24.82 per acre cropped. The principal crops were alfalfa, sugar beets, beans,

tomatoes, potatoes and grains. The livestock census for 1931 shows that there were on this area 1,000 horses and mules, 62 beef and 1,305 dairy cattle, 865 sheep, 2,105 swine, 3,000 turkeys and 14,180 hens. There are 275 families, with a total population of 1,281 residing on the farms.

At the present time there are 1,800 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 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.

THE UNCOMPAHGRE 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 60,761 acres was farmed under the project in 1931, and total crop production was valued at \$1,345,711. 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 40.0 acres, and based on acreage actually irrigated 35.5 acres. The livestock census within the area showed 4,207 horses, 4,934 dairy cattle, 7,512 beef cattle, 8,171 swine, 34,096 sheep and 79,520 hens and other poultry.

The farm population of the project is estimated at 5,554 and the town population, including Montrose, Olathe and Delta, at 7,097—a total population of 12,651 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 1932 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.

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. Den-

ver 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 aver-

age 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 736 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, 10,215 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 9,302 feet, averaged 223.2 inches for a period of six years. Telluride, San Miguel county, elevation 8,500 feet, averaged 171.0 inches for nine years. Breckenridge, in Summit county, elevation 9,579 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 on the crest of the Continental Divide between North and South Arapahoe peaks at an altitude of 13,500 feet, in the Roosevelt (formerly 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

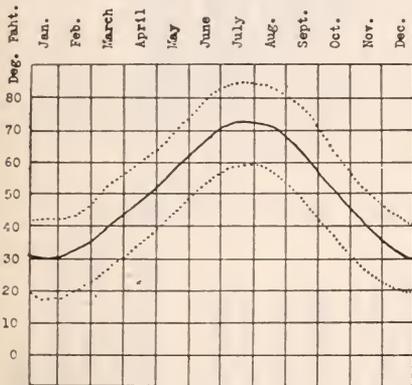
Denver, being close to the center of the state and of approximately the same altitude as the principal cities, furnishes a fairly accurate index of weather conditions in Colorado. J. M. Sherier, meteorologist of the United States weather bureau, has compiled a chart showing average climatic data for Denver from 1872 to 1931, inclusive, a period of 60 years. The average temperature in degrees Fahrenheit for the 60 years is as follows:

Month	Max.	Min.	Min. Av.
January	42.7	17.9	30.4
February	44.6	20.7	32.7
March	51.3	26.9	39.1
April	59.6	35.2	47.4
May	68.8	44.1	56.5
June	80.1	53.0	66.6
July	85.3	58.9	72.1
August	84.2	57.7	70.9
September	76.5	48.8	62.5
October	64.4	37.8	51.1
November	52.4	27.4	39.9
December	44.1	19.8	31.9
Year	62.8	37.3	50.1

The highest temperature recorded in Denver during the 60 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, inclu-

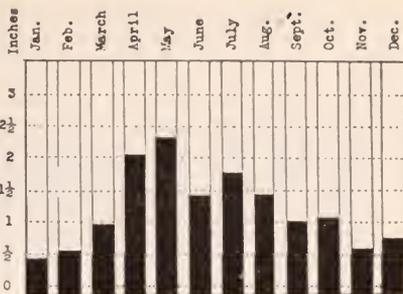
sive, in the 60 years, and went below zero in October only once, in 1917, when it dropped to 2 degrees below. In 1888 the thermometer rose to 76 degrees in January.

The following chart shows the average maximum and minimum mean temperature over a period of 60 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.

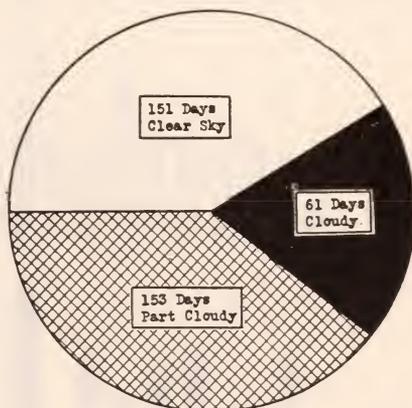


The average yearly rainfall in Denver during the 60 years was 14.20 inches. January is the driest month of the year, with February, November and December following in the order named, the precipitation averaging 1 inch or less per month six months out of the year. April and May are the months of greatest precipitation, with July, August and June following in the order named. The maximum precipitation recorded in any 24-hour period during the 60 years was 6.53 inches in May, 1876, and the maximum for any year was 22.96 inches, in 1909. The average snowfall is 55.7 inches, March, December and April 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 30 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 60 years.



The sun shines 66 per cent of the time in Denver as shown by the records over a period of 60 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	7.3
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 7.3 miles per hour, the prevailing direction being from the south. March and April are the windiest months, the average being 8.1 and 8.3 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.

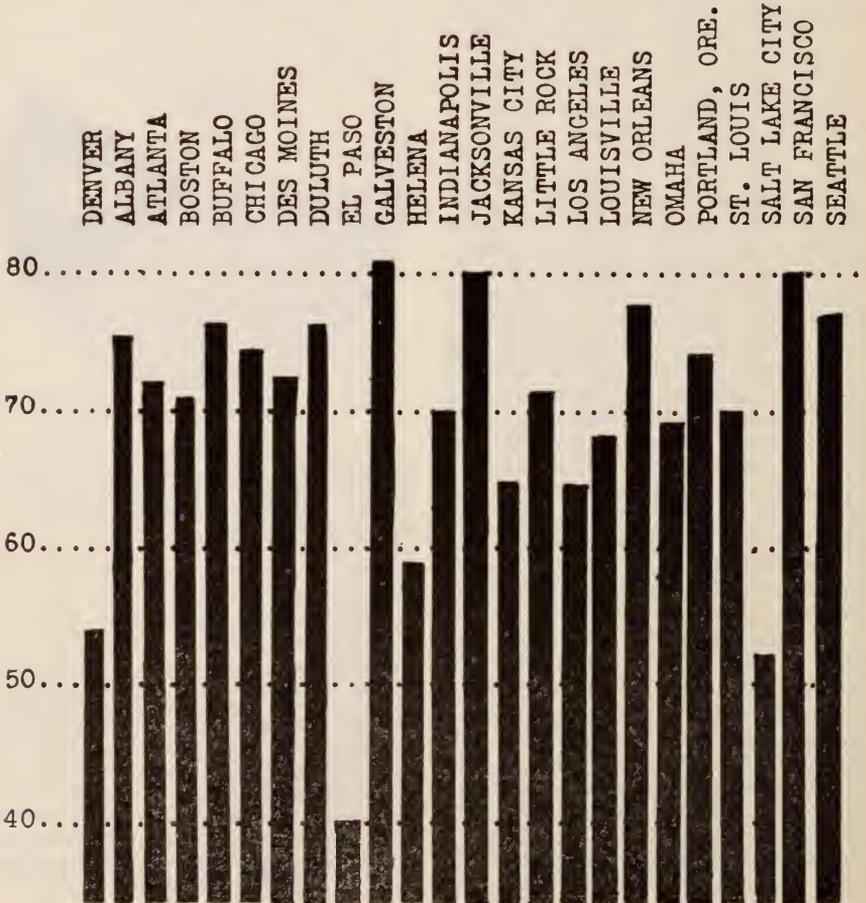


CHART SHOWING HOURS OF SUNRISE, SUNSET, DARKNESS, AND DAYLIGHT AT DENVER, COLORADO SPRINGS, PUEBLO AND OTHER LOCATIONS, ON APPROXIMATELY THE SAME MERIDIAN.

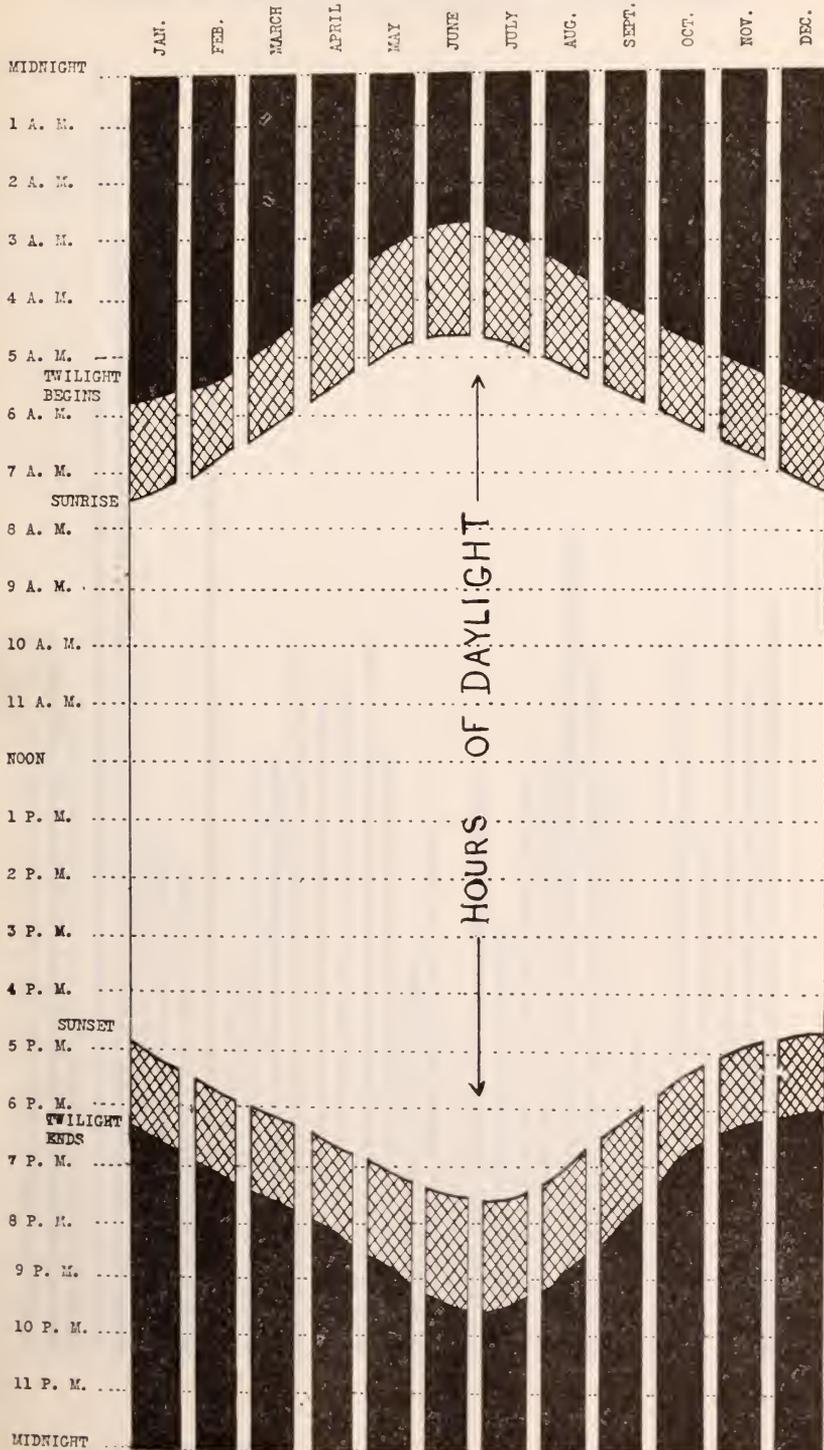
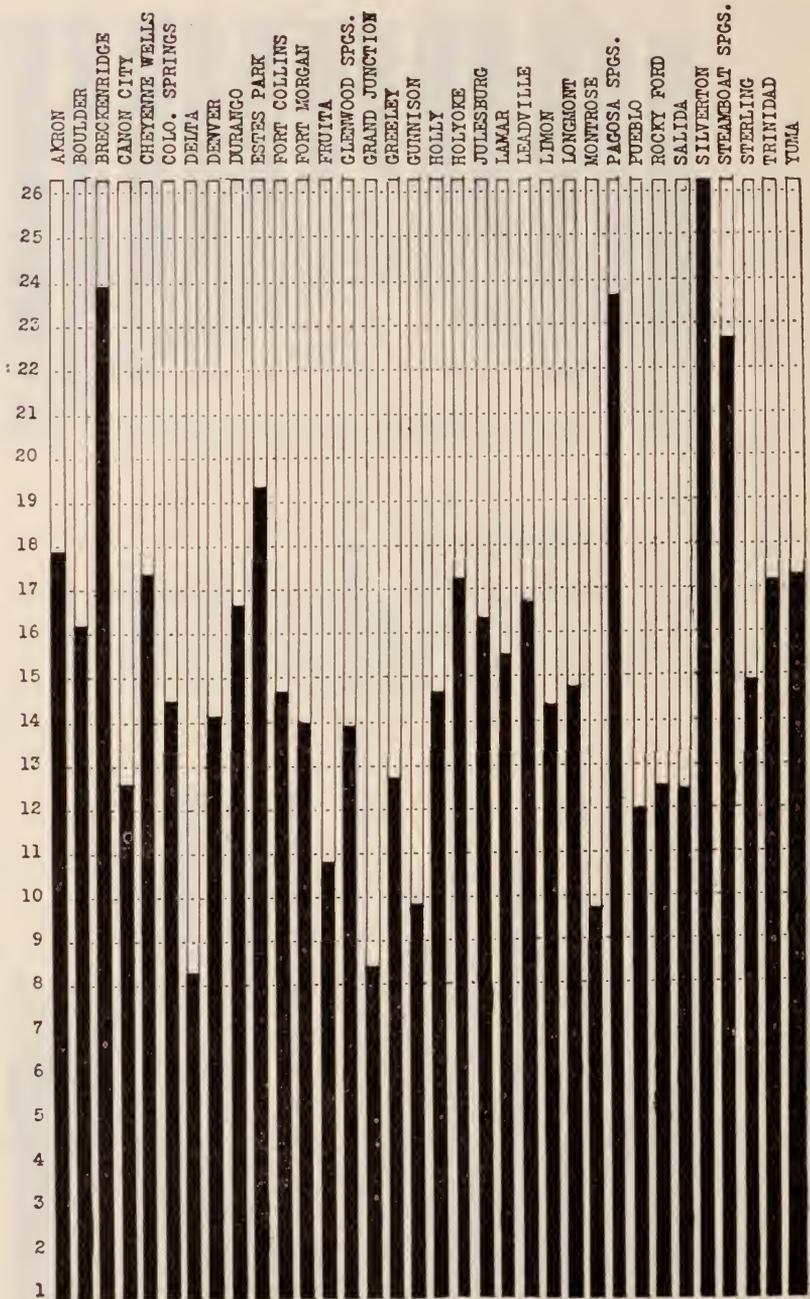


CHART SHOWING AVERAGE ANNUAL RAINFALL IN INCHES
IN 34 CITIES AND TOWNS



NORMAL MONTHLY AND ANNUAL MEAN TEMPERATURE IN DEGREES FAHRENHEIT
(From the Records of the U. S. Weather Bureau)

PLACE	COUNTY	Length of Record, 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	33.8	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	68.0	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	64.5	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	--	25.4	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	49.8
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
Glenwood 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	24.0	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	--	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	25.0	48.0
Grover	Weld	17	24.2	26.8	34.6	42.0	52.0	62.6	68.6	66.8	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
Hamps	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	43.7	54.5	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	52.4	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	28.0	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	42.2	32.2	54.4
Las Animas	Bent	41	28.0	29.2	42.1	51.4	61.0	71.8	76.0	72.8	66.1	53.2	40.2	29.7	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	32.3	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	23.0	45.2
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
Pagosa 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	52.2	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	28	27.4	29.8	36.5	43.4	51.2	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	45.2	53.6	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	48.5
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	34.6
Spicer	Jackson	23	18.1	21.1	26.1	35.3	43.2	51.2	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	49.8	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	32.2	53.2
Victor	Teller	24	25.1	25.7	30.4	35.4	43.8	54.2	58.0	57.3	51.8	41.9	33.0	25.4	40.2
Wagon Wheel Gap	Mineral	20	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	--	0.32	0.62	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	1.07	2.15	2.05	2.02	2.70	2.50	1.67	1.21	0.41	0.89	16.99
Auldhurst	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	19.13
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	--	1.79	2.48	2.58	2.76	2.04	1.08	2.37	2.24	1.43	1.45	1.63	2.05	23.98
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	1.19	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	11.50
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	17.13
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	1.16	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	10.78
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	2.85	26.40
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	14.00
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	2.09	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	2.63	2.14	1.36	2.95	2.22	1.65	1.42	0.95	0.83	18.98
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	17.73
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	12.77
Fort Morgan	Morgan	49	0.28	0.41	0.69	1.77	2.36	1.83	2.49	1.65	0.92	0.85	0.35	0.33	13.93
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	19.98
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	1.14	1.22	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	1.67	15.69
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	12.66
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
Holly	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
Idaho 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	1.19	2.10	0.77	0.97	0.39	0.63	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	0.58	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	1.12	1.25	0.37	0.76	0.55	0.61	1.26	1.37	0.57	0.80	0.25	0.28	7.09
Mancos	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	17.99
Meeker	Rio Blanco	27	1.07	1.00	1.42	1.65	1.37	0.89	1.45	1.63	1.68	1.46	1.15	1.06	15.78
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
Pagoda	Routt	22	1.31	1.85	1.95	1.87	1.44	1.09	3.31	1.58	1.82	1.68	0.97	1.62	18.49
Pacosa Springs	Archuleta	12	2.49	2.06	1.72	1.70	1.45	1.01	2.99	2.56	1.71	3.19	1.09	1.91	23.88
Paonia	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
Pueblo	Pueblo	39	0.35	0.47	0.86	1.43	1.68	1.47	1.97	1.57	0.62	0.70	0.37	0.46	11.95
Redvale	Montrose	6	1.22	0.83	0.94	1.37	1.03	0.84	2.20	1.66	0.97	1.63	1.08	1.20	15.02
Rico	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
Rifle	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	0.66	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	--	0.55	0.83	0.73	1.54	0.86	1.05	1.85	1.49	1.02	0.93	0.73	0.73	13.31
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	1.68	18.98
Sedgwick	Sedgwick	--	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
Spicer	Jackson	--	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
Springfield	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
Stirling	Logan	18	0.36	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	0.83	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
Westcliffe	Custer	--	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
Wray	Yuma	33	0.33	0.64	0.89	2.72	2.76	2.81	2.67	2.49	1.20	1.02	0.38	0.49	18.89
Yampa	Routt	9	2.04	1.83	1.15	1.30	0.88	0.85	1.88	1.49	1.43	1.17	0.97	1.57	16.56
Yuma	Yuma	26	0.36	0.66	1.03	2.30	2.35	2.74	2.52	2.48	1.01	0.98	0.40	0.65	17.28

*Period of years figured to 1930.

LENGTH OF GROWING SEASON IN COLORADO

	Number of days between killing frosts			Range of dates of last killing frost in spring and first in fall	
	Average	Shortest	Longest	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
Collbran	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	68	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
Hoehne	140	73	201	Apr. 13 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. 28 to Oct. 16
Salida	112	68	148	Apr. 28 to June 15	Sept. 15 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	5	1	115	May 26 to July 31	Aug. 1 to Sept. 25
Westcliffe	99	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

WATER 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 439,780 acres in power-site reserves in the state on June 30, 1931, 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, 1931, aggregated 218,941 acres. Miscellaneous withdrawals under the same act were 1,727 acres. Power-site classifications made under the act of March 3, 1879, aggregated 206,779 acres, and public water reserves under the act of June 25, 1910, aggregated 8,013 acres on June 30, 1931. Withdrawals under the act of June 17, 1902, aggregated 4,420 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.....	30	86,961
Individual mining plants	24	9,182
Irrigation pumping.....	2	1,705
Flour mills.....	1	188
Private plants.....	1	100
Total	58	98,136

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

Agricultural Extension Service

CO-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
- F. C. Jans.....Administrative Assistant
- C. W. Ferguson.....State Club Agent
- Nora M. Hott.....State Home Agent
- E. D. Smith.....
-Extension Economist, Marketing
- T. G. Stewart.....Extension Agronomist
- A. C. Allen.....
-Extension Animal Husbandman
- C. A. Smith.....Extension Dairyman

- Thos. H. Summers.....
-Senior Economist, Farm Management
- W. F. Droge (Montrose).....
-Ext. Econ., Farm Management
- J. L. Shields.....
-Ext. Econ., Farm Management
- Mary E. Sutherland.....
-Ext. Economist, Home Management
- W. M. Case.....Extension Horticulturist
- Miriam J. Williams.....
-Extension Nutritionist
- O. C. Ufford.....Extension Poultryman
- I. G. Kinghorn.....Editor
- Arthur Robinson.....Associate Editor

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.....	J. Ryan	.....Colorado Springs
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
Logan.....	H. E. Hogsett	Sterling
Mesa.....	J. C. Foster	.....Grand Junction
Moffat.....	T. J. Snyder	Craig
Montrose.....	H. D. Finch	Montrose
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.....	A. F. Hoffman, Jr.	.....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.....	Marie Neff	Alamosa
El Paso.....	Bertha Boger Wear	.....Colorado Springs
Garfield.....	Gladys Bradley	.....Glenwood Springs
Larimer.....	Delphine Dawson	.....Fort Collins
Logan.....	Exine Davenport	Sterling
Prowers.....	Virginia Blackford	Lamar
Pueblo.....	Jessie Reinholdt	Pueblo
Rio Grande.....	Nellie Mathews	.....Monte Vista
Routt.....	Esther Elliott	.....Steamboat Springs
Washington.....	Opal Stafford	Akron

SUMMARY OF THE ACREAGE, PRODUCTION AND VALUE OF PRINCIPAL CROPS IN THE UNITED STATES, 1931, 1930 AND 1929, AND COLORADO'S PROPORTION OF TOTALS

Crop and Year	Acreage	Production	Unit	Price Per Unit	Value	Colorado's Per Cent of U. S. Totals		
						Acreage	Pro-duction	Value
Corn :								
1931-----	104,970,000	2,556,863,000	Bu.	\$.360	\$ 920,142,000	1.75	.75	.84
1930-----	100,743,000	2,060,185,000	Bu.	.655	1,349,218,000	1.72	1.89	1.79
1929-----	97,806,000	2,535,386,000	Bu.	.774	1,962,832,000	1.57	.88	.86
All Wheat :								
1931-----	54,949,000	892,271,000	Bu.	.443	395,600,000	2.54	1.86	1.81
1930-----	61,138,000	858,160,000	Bu.	.600	514,847,000	2.67	2.72	2.41
1929-----	62,871,000	812,573,000	Bu.	1.035	841,385,000	2.46	2.21	1.98
Oats (Grain) :								
1931-----	39,722,000	1,112,142,000	Bu.	.231	256,483,000	.37	.31	.40
1930-----	39,729,000	1,277,764,000	Bu.	.315	402,713,000	.49	.47	.54
1929-----	38,148,000	1,118,414,000	Bu.	.426	475,998,000	.53	.53	.59
Barley :								
1931-----	11,471,000	198,965,000	Bu.	.352	70,119,000	3.99	3.57	3.14
1930-----	12,662,000	304,601,000	Bu.	.389	118,359,000	4.52	4.04	4.16
1929-----	13,523,000	280,242,000	Bu.	.544	152,334,000	4.50	3.91	3.88
Rye :								
1931-----	3,143,000	32,746,000	Bu.	.387	12,673,000	1.69	1.13	.91
1930-----	3,543,000	45,379,000	Bu.	.384	17,419,000	2.09	1.39	1.34
1929-----	3,054,000	34,950,000	Bu.	.849	29,685,000	2.10	1.46	1.23
Flaxseed :								
1931-----	2,313,000	11,018,000	Bu.	1.202	13,243,000	---	---	---
1930-----	3,732,000	21,240,000	Bu.	1.398	29,684,000	---	---	---
1929-----	3,047,000	15,910,000	Bu.	2.843	45,240,000	---	---	---
Rice, 4 States :								
1931-----	970,000	45,014,000	Bu.	.609	27,402,000	---	---	---
1930-----	959,000	44,299,000	Bu.	.782	34,631,000	---	---	---
1929-----	860,000	40,604,000	Bu.	1.002	40,666,000	---	---	---
Tobacco :								
1931-----	2,019,600	1,610,098,000	Lbs.	.097	156,097,000	---	---	---
1930-----	2,101,100	1,635,210,000	Lbs.	.129	211,102,000	---	---	---
1929-----	1,987,300	1,537,193,000	Lbs.	.186	286,104,000	---	---	---
Cotton :								
1931-----	40,495,000	16,918,000	Bale	.057	485,611,000	---	---	---
1930-----	45,091,000	13,932,000	Bale	.095	659,455,000	---	---	---
1929-----	45,793,000	14,828,000	Bale	.164	1,217,829,000	---	---	---
Grain Sorghums :								
1931-----	7,152,000	104,529,000	Bu.	.300	31,370,000	2.67	2.01	1.54
1930-----	6,586,000	64,416,000	Bu.	.636	40,949,000	2.73	3.63	2.86
1929-----	6,131,000	81,041,000	Bu.	.705	57,127,000	2.85	2.27	2.57
Hay, Tame :								
1931-----	53,449,000	64,233,000	Ton	9.06	581,833,000	2.35	2.56	2.15
1930-----	52,622,000	63,463,000	Ton	12.62	800,694,000	2.46	3.49	2.54
1929-----	55,019,000	76,114,000	Ton	12.19	928,104,000	2.28	2.96	2.79
Hay, Wild :								
1931-----	11,977,000	8,133,000	Ton	6.18	50,277,000	3.02	3.57	4.33
1930-----	13,793,000	10,751,000	Ton	7.10	76,345,000	2.65	3.40	4.22
1929-----	13,586,000	11,194,000	Ton	8.04	89,975,000	2.66	3.07	3.94
Sweet Sorghums (forage and hay) :								
1931-----	2,333,000	3,676,000	Ton	5.69	20,925,000	5.06	4.49	3.78
1930-----	1,818,000	2,760,000	Ton	8.95	24,703,000	5.67	8.22	5.79
1929-----	1,850,000	3,253,000	Ton	8.92	29,010,000	5.68	5.81	5.21
Clover Seed (Red and Alsike) :								
1931-----	885,300	1,222,100	Bu.	7.15	8,732,000	---	---	---
1930-----	1,076,000	1,523,100	Bu.	11.78	17,942,000	---	---	---
1929-----	1,789,000	2,627,300	Bu.	10.28	26,997,000	---	---	---
Alfalfa Seed :								
1931-----	353,600	852,600	Bu.	6.51	5,550,000	5.66	7.04	7.03
1930-----	419,900	1,145,400	Bu.	9.88	11,313,000	5.12	5.63	4.79
1929-----	401,400	982,400	Bu.	11.17	10,977,000	3.24	5.29	4.78
Dry Beans :								
1931-----	1,860,000	12,705,000	100-lb. bag	2.46	31,199,000	17.20	6.50	4.77
1930-----	2,091,000	13,759,000	100-lb. bag	3.90	53,719,000	20.66	18.84	10.88
1929-----	1,836,000	12,240,000	100-lb. bag	6.27	76,765,000	20.26	10.94	7.85
Potatoes, White :								
1931-----	3,382,000	376,248,000	Bu.	.429	161,264,000	2.99	2.55	1.78
1930-----	3,038,000	333,210,000	Bu.	.890	296,505,000	3.03	5.25	3.54
1929-----	2,978,000	329,134,000	Bu.	1.288	423,896,000	3.02	4.46	3.81

SUMMARY OF THE ACREAGE, PRODUCTION AND VALUE OF PRINCIPAL CROPS IN THE UNITED STATES, 1931, 1930 AND 1929, AND COLORADO'S PROPORTION OF TOTALS—Continued

Crop and Year	Acreage	Production	Unit	Price Per Unit	Value	Colorado's Per Cent of U. S. Totals		
						Acreage	Production	Value
Sugar Beets:								
1931	720,000	7,933,000	Ton	\$ 5.919	\$ 46,958,000	31.39	31.98	29.72
1930	775,000	9,199,000	Ton	7.142	65,697,000	31.23	36.00	34.82
1929	687,000	7,315,000	Ton	7.082	51,805,000	30.57	35.71	34.95
Broomcorn:								
1931	309,000	47,900	Ton	51.15	2,450,000	14.89	12.11	9.96
1930	391,000	49,800	Ton	73.61	3,666,000	19.69	20.88	14.46
1929	310,000	47,300	Ton	122.83	5,810,000	20.65	19.45	17.73
RUCK CROPS								
nap Beans:								
1931	168,110	184,500	Ton	87.42	15,970,000	1.75	3.61	2.08
1930	189,270	214,000	Ton	92.16	19,336,000	2.03	7.72	4.97
1929	159,420	199,500	Ton	101.84	20,322,000	2.38	6.47	3.52
abbage:								
1931	146,010	992,800	Ton	10.03	9,758,000	2.60	3.18	4.81
1930	148,990	998,500	Ton	18.62	18,588,000	2.62	4.88	2.26
1929	142,820	1,035,600	Ton	18.51	19,169,000	2.31	3.38	3.73
antaloupes:								
1931	138,180	17,962,000	Crate	1.00	17,543,000	5.86	6.31	5.49
1930	129,210	15,951,000	Crate	1.21	19,283,000	7.74	12.54	12.45
1929	108,870	17,393,000	Crate	1.31	22,703,000	10.11	14.55	9.25
auliflower:								
1931	27,910	7,087,000	Crate	.74	5,270,000	13.97	14.31	13.47
1930	27,560	5,843,000	Crate	.82	4,783,000	10.16	15.33	14.99
1929	25,070	6,797,000	Crate	.78	5,288,000	12.76	16.95	15.24
ettuce:								
1931	176,960	18,569,000	Crate	1.44	26,664,000	3.76	3.22	2.91
1930	172,620	19,591,000	Crate	1.71	33,582,000	4.31	3.42	1.70
1929	139,160	20,220,000	Crate	1.82	36,794,000	5.82	4.41	3.03
nions:								
1931	76,680	18,857,000	Bu.	.79	14,171,000	5.28	4.89	4.82
1930	83,060	26,002,000	Bu.	.51	13,186,000	6.74	6.63	4.19
1929	87,340	25,489,000	Bu.	.74	18,735,000	8.01	10.13	5.85
as, Green:								
1931	309,060	247,800	Ton	67.96	16,843,000	3.24	4.20	4.91
1930	347,880	354,100	Ton	67.46	23,887,000	2.74	2.92	8.66
1929	300,940	294,400	Ton	72.63	21,385,000	3.49	4.15	4.12
matatoes:								
1931	448,220	1,475,500	Ton	20.62	30,425,000	.85	1.89	1.33
1930	560,000	2,216,700	Ton	24.26	53,778,000	.62	1.36	.97
1929	460,910	1,981,900	Ton	27.17	53,849,000	.67	1.36	.96
RUITS								
pples:								
1931	-----	211,506,000	Bu.	.577	122,091,000	---	.99	1.03
1930	-----	155,982,000	Bu.	.930	145,065,000	---	.68	.62
1929	-----	135,622,000	Bu.	1.310	177,719,000	---	1.70	1.23
aches:								
1931	-----	77,743,000	Bu.	.562	41,377,000	---	1.45	1.37
1930	-----	53,864,000	Bu.	.887	43,825,000	---	1.46	2.60
1929	-----	45,026,000	Bu.	1.354	60,982,000	---	2.12	2.27
ars:								
1931	-----	23,009,000	Bu.	.602	13,567,000	---	1.67	1.70
1930	-----	25,540,000	Bu.	.749	18,158,000	---	.57	1.05
1929	-----	21,172,000	Bu.	1.427	30,202,000	---	2.83	2.75
erries:								
1931	-----	108,090	Ton	79.77	8,383,000	---	2.31	2.09
1930	-----	115,250	Ton	129.47	14,921,000	---	3.04	2.11
1929	-----	93,130	Ton	165.18	15,383,000	---	5.48	3.98
ops not listed:								
1931	6,707,370	-----	---	---	522,560,000	---	---	---
1930	5,960,410	-----	---	---	681,496,000	---	---	---
1929	4,925,770	-----	---	---	853,424,000	---	---	---
tals:								
1931	350,672,000	-----	---	---	\$4,122,850,000	1.92	---	1.54
1930	359,927,000	-----	---	---	5,818,849,000	2.01	---	2.14
1929	357,827,000	-----	---	---	8,088,494,000	1.90	---	1.66

Agriculture

THE general decline of farm prices, together with reduced yields due to climatic conditions, resulted in another sharp decline in the value of farm crops in 1931. Total crop production for the year, on the basis of December 1 farm prices, is estimated to have had a gross value of \$63,489,000, compared with \$124,442,000 in 1930 and \$134,537,000 in 1929. These figures do not include some indirect values added to grain crops by feeding to livestock, but are based on prevailing market prices. The total is by far the lowest reported in Colorado in many years.

Yields in 1931 were uniformly lower than in the preceding year, and in addition only five of the 37 crops reported in Colorado showed higher market prices than in 1930. Similarly, only seven crops in the list showed aggregate values greater than in 1930. The same situation prevailed generally over the country, the department of agriculture reporting a marked decline in farm crop values in the nation as a whole.

The production of all crops was lower in 1931 than in 1930 with the exception of apples, peaches, pears, cauliflower and green peas for market. The increase in cauliflower and green pea production was due to increased acreage rather than larger yields.

The 1931 season was very unfavorable. Early spring conditions, however, were quite satisfactory. A late May freeze injured winter wheat in northeastern Colorado, fruit and alfalfa in northern Colorado, and alfalfa in Western Slope counties. The drought started early in May and rainfall continued below normal during the entire season. Several rains fell during August but the relief was only temporary and did not check the rapid decline in crop condition. There was a general shortage of irrigation water in all areas, with the greatest deficiency in the San Luis valley and San Juan basin. Grasshoppers were numerous in eastern Colorado and caused heavy losses to alfalfa, dry beans, corn and other crops. October and November weather was unusually favorable for maturing and harvesting grain sorghums, sugar beets, and other late crops, and yields were somewhat above earlier expectations. Killing

freezes did not occur until the last of October.

The following table, which includes revisions of the 1929 and 1930 figures on the basis of the federal census, shows the number and average size of farms by years since the beginning of co-operative crop reporting in Colorado, and the acreage harvested and farm value of the crops by years:

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
1931	46,250	330.18

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	6,811,000	134,537,000
1930	7,223,000	124,442,000
1931	6,735,000	63,489,000

Variations from the figures shown by the co-operative service appear in the federal census tables appearing elsewhere in this volume, but the discrepancies are not important and are due largely to different bases of collecting data. The total number of farms reported in the state is greater than the total shown by the co-operative service, largely because the census reports farms which produce nothing but pasture and because the census reports as individual farms the various units operated by one farmer, while the state service combines these into a single farm.

Note—In Colorado all crop and livestock data are compiled by the Colorado Co-operative Crop Reporting service under a contract arrangement authorized by the federal and state governments. The co-operative service consists of the division of crop and livestock estimates, bureau of agricultural economics, United States department of agriculture, and the state board of immigration. Most of the information is based on reports secured through the assessors of the various counties, who are required by law to compile agricultural data upon blanks provided by the co-operative service.

COLORADO CROP ACREAGE, PRODUCTION AND VALUE, 1931

KIND OF CROP	Acreage	PRODUCTION		FARM VALUE DECEMBER 1st		
		Per Acre	Total	Unit	Per Unit	Total
Winter Wheat	1,218,000	12.0	14,616,000	Bus.	\$.43	\$ 6,285,000
Spring Wheat	176,000	11.0	1,936,000	Bus.	.46	891,000
Corn	1,836,000	10.5	19,278,000	Bus.	.40	7,711,000
Oats for Grain ¹	148,000	23.0	3,404,000	Bus.	.30	1,021,000
Barley for Grain	458,000	15.5	7,099,000	Bus.	.31	2,201,000
Rye for Grain	53,000	7.0	371,000	Bus.	.31	115,000
Rain Sorghums	191,000	11.0	2,101,000	Bus.	.23	483,000
Sweet Sorghums	118,000	1.40	165,000	Tons	4.80	792,000
Broomcorn*	46,000	250.0	5,800	Tons	42.00	244,000
Field Peas	49,000	9.0	441,000	Bus.	.54	238,000
Dry Beans	320,000	2.58	826,000	100-lb. Bags.	1.80	1,487,000
Potatoes	101,000	95.0	9,595,000	Bus.	.30	2,878,000
Sugar Beets	226,000	11.23	2,537,000	Tons	5.50	13,954,000
Cabbage	3,800	8.31	31,600	Tons	14.84	469,000
Cucumbers	4,050	228.0	923,000	Bus.	.74	683,000
Sunflower	3,900	260.0	1,014,000	Crs.	.70	710,000
Tomatoes for Manufacturing	2,500	7.0	17,500	Tons	10.50	184,000
Tomatoes for Market	1,290	286.0	369,000	Bus.	.60	221,000
Cantaloupes and Honeydew Melons for Market	8,100	140.0	1,134,000	Crs.	.85	964,000
Cantaloupes and Honeydew Melons for Seed	1,800	227.0	408,050	Lbs.	.28	114,260
Watermelons	1,120	300.0	336,000	Nos.	.15	5,000
Cucumbers for Pickles	1,820	128.0	233,000	Bus.	.48	112,000
Cucumbers for Seed	2,200	313.0	688,400	Lbs.	.25	172,110
Soy Beans for Manufacturing	1,050	1.9	2,000	Tons	43.20	86,000
Soy Beans for Market	1,890	154.0	291,000	Bus.	.85	247,000
Peas (Green) for Manufactur'g.	3,500	1480.0	5,180,000	Lbs.	.023	119,000
Peas (Green) for Market	6,500	75.0	488,000	Bus.	1.45	708,000
Cabbage	6,650	90.0	598,000	Crs.	1.30	777,000
Chickpeas	950	220.0	209,000	3/4 Crs.	1.20	251,000
Spinach	500	150.0	75,000	Bus.	.25	19,000
Millet Seed ²	18,000	8.5	153,000	Bus.	.41	62,700
Safflower Seed	20,000	3.0	60,000	Bus.	6.50	390,000
Other Farm, Garden and Seed Crops not listed separately	22,805	---	---	---	---	1,096,540
Timothy Hay, All Varieties	1,258,000	1.32	1,647,000	Tons	7.60	12,517,000
Wild Hay	362,000	.80	290,000	Tons	7.50	2,175,000
Alfalfa	---	---	2,090,000	Bus.	.60	1,254,000
Chickpeas	---	---	1,130,000	Bus.	.50	565,000
Beans	---	---	385,000	Bus.	.60	231,000
Peas	---	---	2,500	Tons	70.00	175,000
Miscellaneous Fruits ³	32,500	---	---	---	---	128,000
Sugar Beet Tops	---	---	---	---	---	678,000
Land for Pasture	30,000	---	---	---	---	75,000
Totals	6,734,925	---	---	---	---	\$63,488,610

*County statistics for broomcorn in 1929-30-31 appear on page 92.

¹In addition to the acreage harvested for grain, there is a large acreage of oats cut green for hay, as additional acreage appearing in the hay table.

²This acreage of millet saved for seed is in addition to the area harvested for hay as shown in the hay table.

³This acreage includes the total acreage of tree, bush and miscellaneous fruits for the state, but the value shown in the last column includes only fruits not separately listed above.

FARM VALUE OF CROPS BY COUNTIES, 1931

COUNTY	Corn	Wheat	Oats	Barley	Rye	Potatoes	Dry Beans	Sorghums	Sugar Beets	All Hay	Fruits	Miscellaneous Crops	Totals
Adams	\$ 142,040	\$ 225,760	\$ 13,920	\$ 54,140	\$ 1,640	\$ 5,810	\$ 87,770	\$ 27,620	\$ 705,430	\$ 257,890	\$ 6,900	\$ 567,770	\$ 2,096,690
Alamosa	60	9,540	14,250	17,930	---	104,900	120	---	15,340	274,620	150	101,420	538,360
Arapahoe	96,810	182,940	16,690	31,280	2,420	360	85,910	24,690	78,480	196,810	6,210	65,230	787,830
Archuleta	3,980	8,620	10,400	1,560	---	8,820	180	---	---	169,170	270	2,200	196,200
Baca	481,140	1,638,600	1,310	16,600	1,660	80	33,220	213,480	---	36,970	740	242,200	2,666,000
Bent	163,970	37,500	8,330	38,670	90	60	9,640	36,800	166,340	242,050	1,410	363,760	1,088,620
Boulder	141,780	153,860	68,070	98,490	---	10,000	1,850	100	652,360	371,950	31,960	164,830	1,695,250
Chaffee	40	3,320	4,250	8,020	---	9,760	330	---	---	72,800	5,700	102,390	206,610
Cheyenne	404,040	78,000	2,130	29,090	240	580	3,880	76,760	25,740	25,740	340	4,910	625,710
Clear Creek	120	---	40	---	---	450	---	---	---	9,610	---	---	10,220
Conejos	1,010	36,230	25,380	57,230	---	161,500	8,070	---	1,870	308,220	180	316,730	916,470
Costilla	770	19,620	9,990	25,390	---	25,050	4,690	---	---	118,160	160	506,660	710,490
Crowley	35,480	2,620	3,590	8,630	60	60	13,790	11,820	111,430	68,390	5,100	474,970	735,840
Custer	5,400	5,230	7,120	3,250	110	42,310	---	70	---	212,300	40	133,920	409,750
Delta	79,450	33,420	24,600	22,770	---	52,630	1,840	60	160,760	404,910	854,520	93,340	1,728,300
Denver	4,560	10,610	1,050	270	---	3,800	4,820	890	---	9,730	210	1,400	37,340
Dolores	65,270	24,070	24,510	4,860	5,520	2,610	6,390	4,230	---	166,980	1,000	5,380	310,820
Earle	120	9,620	15,670	5,340	---	61,700	202,160	19,580	---	309,340	1,000	38,830	431,620
Elbert	217,620	101,750	14,160	17,330	6,990	8,140	178,890	30,380	---	118,290	1,200	22,160	727,380
El Paso	178,690	22,200	25,230	3,780	7,680	10,380	178,890	30,380	53,130	138,270	1,200	45,490	695,370
Fremont	47,980	4,500	7,560	1,730	30	2,910	160	390	---	164,840	168,900	272,100	661,100
Garfield	14,450	40,670	24,580	15,820	40	131,500	380	130	97,460	592,960	37,300	46,000	1,001,290
Gilpin	---	40	250	40	---	1,080	90	---	---	9,140	---	2,190	32,830
Grand	120	640	7,380	3,400	160	1,580	---	---	---	259,870	---	86,940	300,040
Gunnison	---	960	1,960	1,560	40	2,770	---	---	---	409,940	180	3,210	420,610
Hinsdale	---	---	700	---	---	180	---	---	---	30,580	---	450	31,910
Huerfano	30,890	9,890	8,430	1,560	10	7,430	6,370	1,380	2,970	250,680	1,850	21,300	342,760
Jackson	---	---	760	320	---	1,230	---	---	---	712,840	---	1,220	716,370
Jefferson	37,480	73,910	28,100	32,980	150	16,940	590	400	52,080	235,350	84,700	384,790	947,470
Kiowa	275,570	37,970	130	7,960	180	90	1,620	136,160	---	14,270	200	11,200	485,410
Kit Carson	616,630	381,380	11,220	127,280	5,480	7,080	11,440	100,520	---	68,820	680	18,680	1,349,110

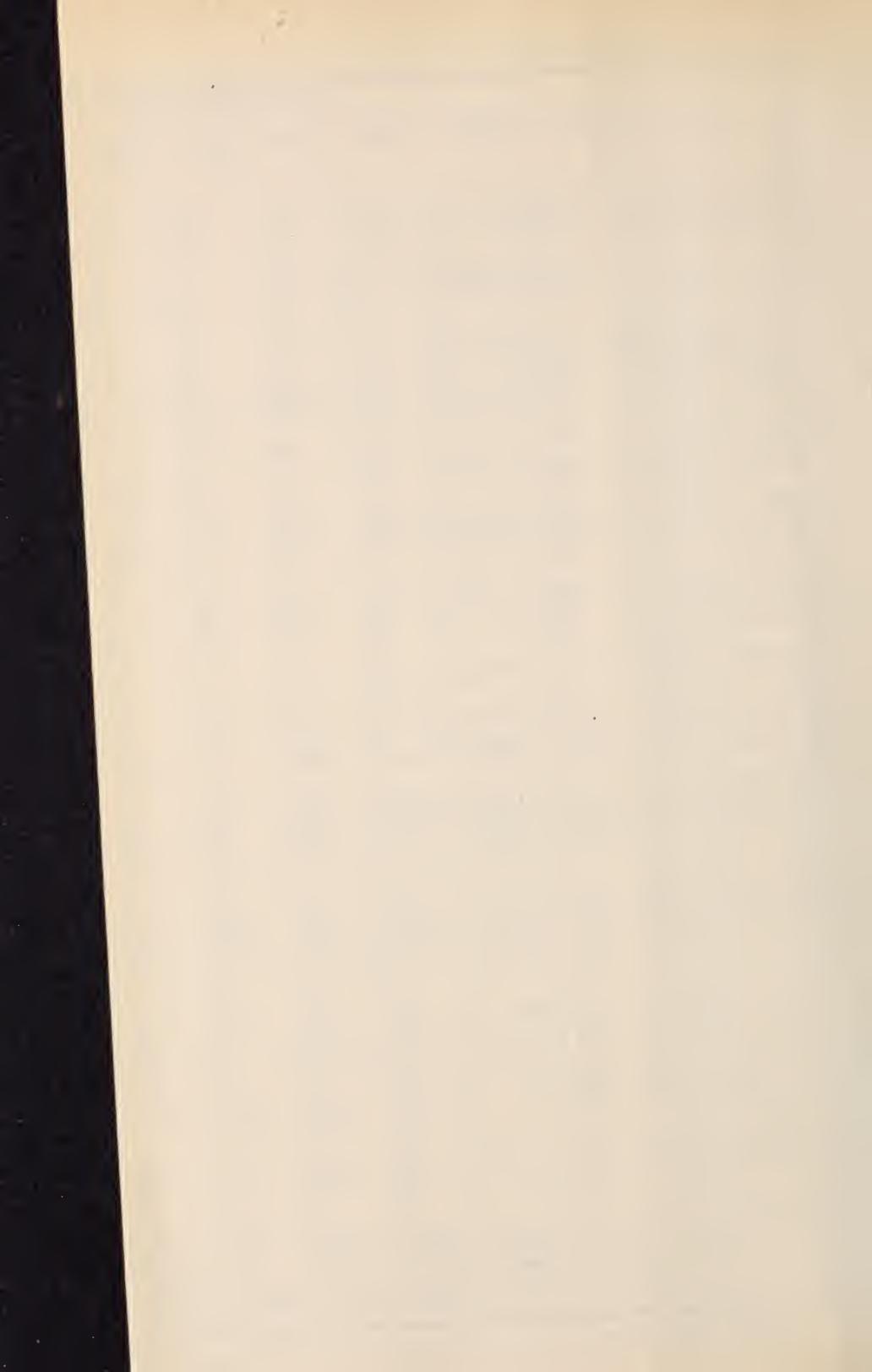
Lake	15,190	74,630	49,010	22,820	60	62,480	3,830	490	41,030	200	41,230
La Plata	107,710	200,400	175,770	620	33,280	8,990	2,540	18,560	333,560	15,340	596,470
Larimer	199,780	40,050	14,030	19,510	640	2,430	106,240	28,240	743,490	198,260	3,251,590
Las Animas	259,170	199,240	1,350	36,740	2,120	4,590	79,710	61,880	214,210	1,150	851,690
Lincoln	497,770	431,160	34,130	141,610	2,880	28,710	21,340	66,360	99,540	420	747,810
Mesa	138,970	40,820	22,880	14,100	90	89,960	49,740	1,040	433,590	128,360	2,361,580
Mineral	7,930	29,800	20,780	5,020	110	89,960	49,740	1,040	520,430	833,770	2,030,120
Moffat	31,720	37,350	43,470	10,370	160	13,520	380	1,070	20,690	20,800	349,370
Montezuma	67,250	80,910	39,270	22,330	20	45,380	47,460	2,000	243,470	540	24,530
Montrose	323,110	104,590	17,850	114,370	2,380	268,140	4,190	10	452,080	86,800	1,772,930
Morgan	77,420	12,960	19,300	27,060	140	76,470	65,910	32,000	414,810	1,270	2,786,480
Otero	1,040	7,700	9,610	2,430	---	8,350	40	---	251,920	10,820	1,885,470
Oursay	364,840	80	430	70	---	21,960	---	---	122,040	640	152,250
Park	2,930	378,060	21,120	36,060	2,650	1,880	940	39,790	237,430	---	1,770
Phillips	140,380	219,880	13,120	50,510	400	36,330	---	---	44,440	360	261,800
Pitkin	186,960	56,780	11,310	19,880	160	280	48,870	9,610	67,850	460	907,400
Prowers	---	15,480	21,490	2,670	160	1,820	1,440	85,230	242,990	680	113,390
Pueblo	---	20,980	24,490	25,140	---	337,660	---	---	263,600	720	1,094,290
Rio Blanco	---	24,610	44,640	19,410	560	12,940	---	---	224,320	8,370	1,873,210
Rio Grande	40	7,110	10,170	7,850	---	153,360	120	---	352,100	440	401,720
Routt	2,290	6,280	2,430	1,990	60	4,640	870	170	291,270	1,860	1,080,080
Saguache	161,050	202,480	21,110	48,920	1,020	18,390	160	3,610	394,070	1,860	686,650
San Juan	---	240	560	290	80	360	---	---	364,720	500	680,800
San Miguel	210	180	1,520	330	50	22,500	---	---	77,340	280	97,760
Sedgewick	581,720	404,940	9,640	106,200	7,150	3,980	53,530	60,530	119,910	620	900,910
Summit	545,350	818,760	112,330	506,830	12,040	951,700	294,450	45,750	297,940	25,700	61,690
Teller	964,470	604,200	10,440	53,740	46,800	4,830	3,830	142,890	60,120	---	104,860
Washington	---	---	---	---	---	---	---	---	66,120	---	13,950
Weld	---	---	---	---	---	---	---	---	186,860	1,360	1,486,090
Yuma	---	---	---	---	---	---	---	---	1,435,800	8,240	11,648,810
State	\$ 7,711,000	\$ 7,176,000	\$1,021,000	\$2,201,000	\$115,000	\$ 2,875,000	\$1,487,000	\$1,275,000	\$14,692,000	\$ 2,412,580	\$ 8,611,080
											\$ 63,533,610

Note—Miscellaneous Crops include field peas, broomcorn, garden peas, snap beans, cantaloupes for market and seed, cucumbers for pickles and seed, cabbage and kraut, celery, lettuce, cauliflower, tomatoes, watermelons, melons, asparagus, garden beets, spinach, carrots, pumpkin and squash, sweet corn, sugar beet tops, rye for pasture, millet seed, alfalfa seed, sweet clover seed, red clover and other minor farm garden crops.

Fruits include apples, peaches, cherries, grapes, plums, apricots, strawberries, etc.

ACREAGE AND PRODUCTION OF WINTER WHEAT, 1931

COUNTY	IRRIGATED			NON-IRRIGATED			TOTALS	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	2,930	23	67,390	45,170	9	406,530	48,100	473,920
Alamosa	50	20	1,000				50	1,000
Arapahoe	1,170	26	30,420	35,330	10	353,300	36,500	383,720
Archuleta	30	25	750	340	11	3,740	370	4,490
Baca	710	28	19,880	236,690	16	3,787,040	237,400	3,806,920
Bent	2,200	30	66,000	1,540	13	20,020	3,740	86,020
Boulder	5,980	29	173,420	2,680	16	42,880	8,660	216,300
Chaffee	30	18	540				30	540
Cheyenne				15,230	11	167,530	15,230	167,530
Clear Creek								
Conejos	140	22	3,080				140	3,080
Costilla	260	24	6,240				260	6,240
Crowley	90	28	2,520				90	2,520
Custer	220	26	5,720	200	13	2,600	420	8,320
Delta	390	29	11,310				390	11,310
Denver								
Dolores	790	25	19,750	220	11	2,420	1,010	22,170
Douglas	180	22	3,960	4,740	10	47,400	4,920	51,360
Eagle	150	20	3,000	100	11	1,100	250	4,100
Elbert	100	23	2,300	19,100	10	191,000	19,200	193,300
El Paso	80	23	1,840	2,560	11	28,160	2,640	30,000
Fremont	110	25	2,750	80	13	1,040	190	3,790
Garfield	160	28	4,480	380	10	3,800	540	8,280
Gilpin								
Grand	50	17	850	20	10	200	70	1,050
Gunnison	40	18	720				40	720
Hinsdale								
Huerfano	280	24	6,720	480	15	7,200	760	13,920
Jackson								
Jefferson	2,730	26	70,980	2,420	15	36,300	5,150	107,280
Kiowa				6,710	13	87,230	6,710	87,230
Kit Carson	70	24	1,680	69,810	11	767,910	69,880	769,590
Lake								
La Plata	470	21	9,870	490	9	4,410	960	14,280
Larimer	5,710	26	148,460	12,780	17	217,260	18,490	365,720
Las Animas	370	27	9,990	5,060	14	70,840	5,430	80,830
Lincoln				43,120	10	431,200	43,120	431,200
Logan	480	24	11,520	119,700	8	957,600	120,180	969,120
Mesa	1,380	31	42,780	340	13	4,420	1,720	47,200
Mineral								
Moffat	50	18	900	3,860	11	42,460	3,910	43,360
Montezuma	229	19	4,180	1,280	11	14,080	1,500	18,260
Montrose	630	32	20,160	100	12	1,200	730	21,360
Morgan	490	25	12,250	21,590	9	194,310	22,080	206,560
Otero	740	30	22,200	80	14	1,120	820	23,320
Ouray	30	26	780	310	11	3,410	340	4,190
Park								
Phillips				109,550	8	876,400	109,550	876,400
Pitkin	30	21	630				30	630
Prowers	2,670	27	72,090	31,080	14	435,120	33,750	507,210
Pueblo	540	26	14,040	8,080	13	105,040	8,620	119,080
Rio Blanco	10	19	190	1,210	15	18,150	1,220	18,340
Rio Grande	40	18	720				40	720
Routt	10	22	220	1,400	17	23,800	1,410	24,020
Saguache	50	19	950				50	950
San Juan								
San Miguel	110	27	2,970	510	13	6,630	620	9,600
Sedgwick	390	25	9,750	65,320	7	457,240	65,710	466,990
Summit	20	18	360				20	360
Teller				30	11	330	30	330
Washington	240	26	6,240	81,430	11	895,730	81,670	901,970
Weld	16,710	26	434,460	90,420	13	1,175,460	107,130	1,609,920
Yuma	130	26	3,380	126,000	11	1,386,000	126,130	1,389,380
State	50,460	--	1,336,390	1,167,540	--	13,279,610	1,218,000	14,616,000



ACREAGE AND PRODUCTION OF SPRING WHEAT, 1931

COUNTY	IRRIGATED			NON-IRRIGATED			TOTALS	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
ms -----	1,590	20	31,800	3,990	4	15,960	5,580	47,760
mosa -----	1,320	15	19,800	-----	-----	-----	1,320	19,800
pahoe -----	740	20	14,800	4,840	5	24,200	5,580	39,000
huleta -----	320	20	6,400	990	8	7,920	1,310	14,320
a -----	-----	-----	-----	350	10	3,500	350	3,500
t -----	-----	-----	-----	110	10	1,100	110	1,100
lder -----	5,700	23	131,100	110	10	1,100	5,810	132,200
ffee -----	480	14	6,720	-----	-----	-----	480	6,720
venne -----	-----	-----	-----	2,590	5	12,950	2,590	12,950
r Creek -----	-----	-----	-----	-----	-----	-----	-----	-----
ojos -----	4,000	19	76,000	-----	-----	-----	4,000	76,000
illa -----	1,840	20	36,800	-----	-----	-----	1,840	36,800
vley -----	160	18	2,880	20	12	240	180	3,120
er -----	140	21	2,940	80	8	640	220	3,580
a -----	2,950	21	61,950	10	9	90	2,960	62,040
ver -----	-----	-----	-----	-----	-----	-----	-----	-----
ores -----	-----	-----	-----	390	6	2,340	390	2,340
glas -----	10	22	220	820	5	4,100	830	4,320
le -----	670	25	16,750	30	11	330	700	17,080
rt -----	-----	-----	-----	6,750	6	40,500	6,750	40,500
Paso -----	50	23	1,150	3,180	6	19,080	3,230	20,230
nont -----	250	21	5,250	90	11	990	340	6,240
ield -----	3,870	19	73,530	1,180	6	7,080	5,050	80,610
in -----	-----	-----	-----	10	9	90	10	90
nd -----	20	21	420	-----	-----	-----	20	420
nison -----	40	23	920	50	9	450	90	1,370
sdale -----	-----	-----	-----	-----	-----	-----	-----	-----
rfano -----	240	21	5,040	430	8	3,440	670	8,480
son -----	-----	-----	-----	-----	-----	-----	-----	-----
erson -----	2,550	22	56,100	530	8	4,240	3,080	60,340
va -----	-----	-----	-----	200	5	1,000	200	1,000
Carson -----	-----	-----	-----	18,280	6	109,680	18,280	109,680
e -----	-----	-----	-----	-----	-----	-----	-----	-----
Plata -----	7,070	20	141,400	820	9	7,380	7,890	148,780
mer -----	3,650	23	84,640	1,140	8	9,120	4,820	93,760
Animas -----	330	23	7,590	490	8	3,920	820	11,510
coln -----	-----	-----	-----	7,510	4	30,040	7,510	30,040
an -----	380	19	7,220	6,040	4	24,160	6,420	31,380
a -----	2,260	19	42,940	230	7	1,610	2,490	44,550
eral -----	-----	-----	-----	-----	-----	-----	-----	-----
at -----	110	18	1,980	2,810	8	22,480	2,920	24,460
tezuma -----	3,390	14	47,460	2,770	6	16,620	6,160	64,080
trose -----	6,930	22	152,460	480	7	3,360	7,410	155,820
gan -----	100	27	2,700	7,890	4	31,560	7,990	34,260
o -----	330	19	6,270	10	9	90	340	6,360
ay -----	560	20	11,200	270	6	1,620	830	12,820
c -----	-----	-----	-----	20	9	180	20	180
lips -----	-----	-----	-----	650	4	2,600	650	2,600
in -----	250	23	5,750	-----	-----	-----	250	5,750
vers -----	20	18	360	440	8	3,520	460	3,880
olo -----	300	26	7,800	620	7	4,340	920	12,140
Blanco -----	330	20	6,600	990	10	9,900	1,320	16,500
Grande -----	3,210	14	44,940	-----	-----	-----	3,210	44,940
tt -----	60	15	900	3,350	9	30,150	3,410	31,050
ache -----	1,120	13	14,560	-----	-----	-----	1,120	14,560
Juan -----	-----	-----	-----	-----	-----	-----	-----	-----
Miguel -----	200	20	4,000	80	8	640	280	4,640
wick -----	160	21	3,360	60	5	300	220	3,660
mit -----	-----	-----	-----	20	9	180	20	180
er -----	-----	-----	-----	10	9	90	10	90
hington -----	-----	-----	-----	9,280	4	37,120	9,280	37,120
d -----	9,000	22	198,000	15,340	5	76,700	24,340	274,700
ia -----	-----	-----	-----	2,920	5	14,600	2,920	14,600
ate -----	66,730	-----	1,342,700	109,270	-----	593,300	176,000	1,936,000

PERCENTAGE DISTRIBUTION OF
 WHEAT ACREAGE, 1931

 PERCENTAGE DISTRIBUTION OF
 WHEAT PRODUCTION, 1931

COUNTY	Spring Wheat % Total Wheat Acreage	Winter Wheat % Total Wheat Acreage	Irrigated Wheat % Total Wheat Acreage	Non- Irrigated Wheat % Total Wheat Acreage	Spring Wheat % Total Wheat Prod.	Winter Wheat % Total Wheat Prod.	Irrigated Wheat % Total Wheat Prod.	Non- Irrigated Wheat % Total Wheat Prod.
Adams	10.4	89.6	8.4	91.6	90.8	9.2	19.0	81.0
Alamosa	96.4	3.6	100.0	---	4.8	95.2	100.0	---
Arapahoe	13.3	86.7	4.5	95.5	90.8	9.2	10.7	89.3
Archuleta	78.0	22.0	20.8	79.2	23.9	76.1	38.0	62.0
Baca	.1	99.9	.3	99.7	99.9	.1	.5	99.5
Bent	2.9	97.1	57.1	42.9	98.7	1.3	75.8	24.2
Boulder	40.2	59.8	80.7	19.3	62.1	37.9	87.4	12.6
Chaffee	94.1	5.9	100.0	---	7.4	92.6	100.0	---
Cheyenne	14.5	85.5	---	100.0	92.8	7.2	---	100.0
Clear Creek	---	---	---	---	---	---	---	---
Conejos	96.6	3.4	100.0	---	3.9	96.1	100.0	---
Costilla	87.6	12.4	100.0	---	14.5	85.5	100.0	---
Crowley	66.7	33.3	92.6	7.4	44.7	55.3	95.7	4.3
Custer	34.4	65.6	56.2	43.8	69.9	30.1	72.8	27.2
Delta	88.4	11.6	99.7	.3	15.4	84.6	99.9	.1
Denver	---	---	---	---	---	---	---	---
Dolores	27.9	72.1	56.4	43.6	90.5	9.5	80.6	19.4
Douglas	14.4	85.6	3.3	96.7	92.2	7.8	7.5	92.5
Eagle	73.7	26.3	86.3	13.7	19.3	80.7	93.2	6.8
Elbert	26.0	74.0	.4	99.6	82.7	17.3	1.0	99.0
El Paso	55.0	45.0	2.2	97.8	59.7	40.3	6.0	94.0
Fremont	64.2	35.8	67.9	32.1	37.8	62.2	79.8	20.2
Garfield	90.3	9.7	72.1	27.9	9.3	90.7	87.8	12.2
Gilpin	100.0	---	---	100.0	---	100.0	---	100.0
Grand	22.2	77.8	77.8	22.2	71.4	28.6	86.4	13.6
Gunnison	69.2	30.8	61.5	38.5	34.4	65.6	78.5	21.5
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	46.9	53.1	36.4	63.6	62.1	37.9	52.5	47.5
Jackson	---	---	---	---	---	---	---	---
Jefferson	37.4	62.6	64.2	35.8	64.0	36.0	75.8	24.2
Kiowa	2.9	97.1	---	100.0	98.9	1.1	---	100.0
Kit Carson	20.7	79.3	.1	99.9	87.5	12.5	.2	99.8
Lake	---	---	---	---	---	---	---	---
La Plata	89.2	10.8	85.2	14.8	8.8	91.2	92.8	7.2
Larimer	20.7	79.3	40.3	59.7	57.8	42.2	50.7	49.3
Las Animas	13.1	86.9	11.2	88.8	87.5	12.5	19.0	81.0
Lincoln	14.8	85.2	---	100.0	93.5	6.5	---	100.0
Logan	5.1	94.9	.7	99.3	96.9	3.1	1.9	98.1
Mesa	59.1	40.9	86.5	13.5	51.4	48.6	93.4	6.6
Mineral	---	---	---	---	---	---	---	---
Moffat	42.8	57.2	2.3	97.7	63.9	36.1	4.2	95.8
Montezuma	80.4	19.6	47.1	52.9	22.2	77.8	62.7	37.3
Montrose	91.0	9.0	92.9	7.1	12.1	87.9	97.4	2.6
Morgan	26.6	73.4	2.0	98.0	85.8	14.2	6.2	93.8
Otero	29.3	70.7	92.2	7.8	78.6	21.4	95.9	4.1
Ouray	70.9	29.1	50.4	49.6	24.6	75.4	70.4	29.6
Park	100.0	---	---	100.0	---	100.0	---	100.0
Phillips	.6	99.4	---	100.0	99.7	.3	---	100.0
Pitkin	89.3	10.7	100.0	---	9.9	90.1	100.0	---
Prowers	1.3	98.7	7.9	92.1	99.2	.8	6.2	93.8
Pueblo	9.6	90.4	8.8	91.2	90.8	9.2	16.6	83.4
Rio Blanco	52.0	48.0	13.4	86.6	52.6	47.4	19.5	80.5
Rio Grande	98.8	1.2	100.0	---	1.6	98.4	100.0	---
Routt	70.7	29.3	1.5	98.5	43.6	56.4	2.0	98.0
Saguache	95.7	4.3	100.0	---	6.1	93.9	100.0	---
San Juan	---	---	---	---	---	---	---	---
San Miguel	31.1	68.9	34.4	65.6	67.4	32.6	48.9	51.1
Sedgwick	.3	99.7	.8	99.2	99.2	.8	2.8	97.2
Summit	50.0	50.0	50.0	50.0	66.7	33.3	66.7	33.3
Teller	25.0	75.0	---	100.0	78.6	21.4	---	100.0
Washington	10.2	89.8	.3	99.7	96.0	4.0	.7	99.3
Weld	18.5	81.5	19.6	80.4	85.4	14.6	33.5	66.5
Yuma	2.3	97.7	.1	99.9	99.0	1.0	.2	99.8
State	12.6	87.4	8.4	91.6	88.3	11.7	16.2	83.8

ACREAGE AND PRODUCTION OF CORN, 1931

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	3,510	33	115,830	39,880	6	239,280	43,390	355,110
Alamosa	10	16	160		--		10	160
Arapahoe	990	32	31,680	30,050	7	210,350	31,040	242,030
Archuleta	30	29	870	910	10	9,100	940	9,970
Baca	330	27	8,910	108,540	11	1,193,940	108,870	1,202,850
Bent	12,870	22	283,140	15,850	8	126,800	28,720	409,940
Boulder	11,520	28	322,560	2,900	11	31,900	14,420	354,460
Chaffee		--		10	11	110	10	110
Cheyenne		--		101,010	10	1,010,100	101,010	1,010,100
Clear Creek	10	29	290		--		10	290
Conejos	120	21	2,520		--		120	2,520
Costilla	80	24	1,920		--		80	1,920
Crowley	4,040	14	56,560	5,360	6	32,160	9,400	88,720
Custer	130	29	3,770	650	15	9,750	780	13,520
Delta	5,090	39	198,510	10	12	120	5,100	198,630
Denver		--			--			
Dolores		--		1,140	10	11,400	1,140	11,400
Douglas	230	29	6,670	17,390	9	156,510	17,620	163,180
Eagle	10	31	310		--		10	310
Elbert		--		60,450	9	544,050	60,450	544,050
El Paso	560	31	17,360	61,340	7	429,380	61,900	446,740
Fremont	3,100	34	105,400	1,040	14	14,560	4,140	119,960
Garfield	920	37	34,040	160	13	2,080	1,080	36,120
Gilpin		--			--			
Grand	10	29	290		--		10	290
Gunnison		--			--			
Hinsdale		--			--			
Huerfano	860	27	23,220	4,500	12	54,000	5,360	77,220
Jackson		--			--			
Jefferson	3,140	25	78,500	1,690	9	15,210	4,830	93,710
Iowa		--		76,550	9	688,950	76,550	688,950
Kit Carson		--		171,300	9	1,541,700	171,300	1,541,700
Lake		--			--			
La Plata	660	27	17,820	1,680	12	20,160	2,340	37,980
Larimer	8,110	27	218,970	5,590	9	50,310	13,700	269,280
Las Animas	4,060	31	125,860	37,360	10	373,600	41,420	499,460
Lincoln		--		89,350	7	625,450	89,350	625,450
Logan	10,360	28	290,080	106,040	9	954,360	116,400	1,244,440
Mesa	8,800	39	343,200	470	9	4,230	9,270	347,430
Mineral		--			--			
Monte Vista	10	29	290	1,630	12	19,560	1,640	19,850
Montezuma	1,200	25	30,000	4,930	10	49,300	6,130	79,300
Montrose	4,670	36	168,120		--		4,670	168,120
Morgan	9,410	32	301,120	72,380	7	506,660	81,790	807,780
Morano	9,400	19	178,600	1,360	11	14,960	10,760	193,560
Murray		--		260	10	2,600	260	2,600
Nunn		--			--			
Osage		--			--			
Phillips		--		82,920	11	912,120	82,920	912,120
Pitkin		--			--			
Prowers	11,750	15	176,250	19,410	9	174,690	31,160	350,940
Pueblo	11,240	25	281,000	18,640	10	186,400	29,880	467,400
Rio Blanco		--			--			
Rio Grande	30	13	390		--		30	390
Salt		--			--			
Saguache	10	11	110		--		10	110
San Juan		--			--			
San Miguel	80	34	2,720	300	10	3,000	380	5,720
Sedgewick	2,470	26	64,220	33,840	10	338,400	36,310	402,620
Summit		--			--			
Teller		--		40	13	520	40	520
Washington	480	29	13,920	160,050	9	1,440,450	160,530	1,454,370
Weld	26,150	32	836,800	75,230	7	526,610	101,380	1,363,410
Windsor		--			--			
Yuma	270	28	7,560	267,070	9	2,403,630	267,340	2,411,190
State	156,720	--	4,349,540	1,679,280	--	14,928,460	1,836,000	19,278,000

ACREAGE AND PRODUCTION OF OATS, 1931

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams -----	1,280	34	43,520	320	9	2,880	1,600	46,400
Alamosa -----	2,070	23	47,610	-----	-----	-----	2,070	47,610
Arapahoe -----	1,170	38	44,460	1,240	9	11,160	2,410	55,620
Archuleta -----	390	39	15,210	1,770	11	19,470	2,160	34,680
Baca -----	80	35	2,800	120	13	1,560	200	4,360
Bent -----	790	35	27,650	10	11	110	800	27,760
Boulder -----	5,260	43	226,180	50	15	750	5,310	226,930
Chaffee -----	610	23	14,030	10	13	130	620	14,160
Cheyenne -----	-----	-----	-----	790	9	7,110	790	7,110
Clear Creek -----	-----	-----	-----	10	12	120	10	120
Conejos -----	2,350	36	84,600	-----	-----	-----	2,350	84,600
Costilla -----	900	37	33,300	-----	-----	-----	900	33,300
Crowley -----	440	26	11,440	60	9	540	500	11,980
Custer -----	400	31	12,400	810	14	11,340	1,210	23,740
Delta -----	2,000	41	82,000	-----	-----	-----	2,000	82,000
Denver -----	-----	-----	-----	-----	-----	-----	-----	-----
Dolores -----	-----	-----	-----	500	7	3,500	500	3,500
Douglas -----	160	39	6,240	6,860	11	75,460	7,020	81,700
Eagle -----	1,180	44	51,920	20	16	320	1,200	52,240
Elbert -----	-----	-----	-----	5,900	8	47,200	5,900	47,200
El Paso -----	30	39	1,170	8,310	10	83,100	8,340	84,270
Fremont -----	430	36	15,480	650	15	9,750	1,080	25,230
Garfield -----	1,910	42	80,220	190	9	1,710	2,100	81,930
Gilpin -----	-----	-----	-----	60	14	840	60	840
Grand -----	670	35	23,450	70	14	980	740	24,430
Gunnison -----	90	35	3,150	260	13	3,380	350	6,530
Hinsdale -----	60	39	2,340	-----	-----	-----	60	2,340
Huerfano -----	460	41	18,860	660	14	9,240	1,120	28,100
Jackson -----	50	34	1,700	60	14	840	110	2,540
Jefferson -----	1,860	36	66,960	1,910	14	26,740	3,770	93,700
Kiowa -----	-----	-----	-----	80	8	640	80	640
Kit Carson -----	-----	-----	-----	3,740	10	37,400	3,740	37,400
Lake -----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata -----	3,380	45	152,100	940	12	11,280	4,320	163,380
Larimer -----	4,380	42	183,960	630	17	10,710	5,010	194,670
Las Animas -----	870	36	31,320	1,720	9	15,480	2,590	46,800
Lincoln -----	-----	-----	-----	500	9	4,500	500	4,500
Logan -----	2,220	40	88,800	3,570	7	24,990	5,790	113,790
Mesa -----	1,960	38	74,480	200	9	1,800	2,160	76,280
Mineral -----	-----	-----	-----	-----	-----	-----	-----	-----
Moffat -----	400	24	9,600	3,140	19	59,660	3,540	69,260
Montezuma -----	3,660	34	124,440	1,580	13	20,540	5,240	144,980
Montrose -----	3,610	36	129,960	70	14	980	3,680	130,940
Morgan -----	1,200	44	52,800	840	8	6,720	2,040	59,520
Otero -----	1,690	38	64,220	10	13	130	1,700	64,350
Ouray -----	790	39	30,810	110	11	1,210	900	32,020
Park -----	-----	-----	-----	130	11	1,430	130	1,430
Phillips -----	-----	-----	-----	6,400	11	70,400	6,400	70,400
Pitkin -----	420	34	14,280	-----	-----	-----	420	14,280
Prowers -----	1,090	35	38,150	510	11	5,610	1,600	43,760
Pueblo -----	870	34	29,580	740	11	8,140	1,610	37,720
Rio Blanco -----	1,540	41	63,140	530	16	8,480	2,070	71,620
Rio Grande -----	3,710	22	81,620	-----	-----	-----	3,710	81,620
Routt -----	230	37	8,510	8,770	16	140,320	9,000	148,530
Saguache -----	2,260	15	33,900	-----	-----	-----	2,260	33,900
San Juan -----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel -----	150	41	6,150	150	13	1,950	300	8,100
Sedgwick -----	860	39	33,540	3,350	11	36,850	4,210	70,390
Summit -----	40	29	1,160	50	14	700	90	1,860
Teller -----	-----	-----	-----	390	13	5,070	390	5,070
Washington -----	220	41	9,020	3,300	7	23,100	3,520	32,120
Weld -----	9,120	38	346,560	3,110	9	27,990	12,230	374,550
Yuma -----	-----	-----	-----	3,490	10	34,900	3,490	34,900
State -----	69,310	--	2,524,790	78,690	--	879,210	148,000	3,404,000

ACREAGE AND PRODUCTION OF BARLEY, 1931

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	2,910	37	107,670	9,570	7	66,990	12,480	174,660
Alamosa	2,410	24	57,840	---	---	---	2,410	57,840
Archuleta	1,140	37	42,180	8,390	7	58,730	9,530	100,910
Aspen	120	32	3,840	190	8	1,520	310	5,360
Baca	270	27	7,290	6,610	7	46,270	6,880	53,560
Bent	4,580	27	123,660	180	6	1,080	4,760	124,740
Boulder	8,920	35	312,200	500	11	5,500	9,420	317,700
Broomfield	1,170	22	25,740	10	12	120	1,180	25,860
Cheyenne	---	---	---	11,730	8	93,840	11,730	93,840
Clear Creek	---	---	---	---	---	---	---	---
Colorado	7,100	26	184,600	---	---	---	7,100	184,600
Costilla	3,150	26	81,900	---	---	---	3,150	81,900
Crowley	1,200	23	27,600	40	6	240	1,240	27,840
Custer	440	15	6,600	430	9	3,870	870	10,470
Delta	2,040	36	73,440	---	---	---	2,040	73,440
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	110	8	880	110	880
Douglas	150	29	4,350	1,260	9	11,340	1,410	15,690
Eagle	500	33	16,500	60	12	720	560	17,220
Elbert	---	---	---	7,980	7	55,860	7,980	55,860
El Paso	140	28	3,920	1,150	7	8,260	1,320	12,180
Essex	260	18	4,680	130	7	910	390	5,590
Fairfield	1,750	28	49,000	170	12	2,040	1,920	51,040
Ft. Collins	---	---	---	10	12	120	10	120
Garden	320	32	10,240	60	12	720	380	10,960
Gunnison	100	30	3,000	170	12	2,040	270	5,040
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	130	27	3,510	190	8	1,520	320	5,030
Jackson	50	21	1,050	---	---	---	50	1,050
Jefferson	3,180	31	98,580	780	10	7,800	3,960	106,380
Jones	---	---	---	4,250	6	25,680	4,250	25,680
Kiowa	120	25	3,000	58,180	7	407,260	58,300	410,260
Lake	---	---	---	---	---	---	---	---
La Plata	1,920	36	69,120	560	8	4,480	2,480	73,600
Larimer	13,990	39	545,610	2,140	10	21,400	16,130	567,010
Las Animas	1,680	25	42,000	2,990	7	20,930	4,670	62,930
Lincoln	80	27	2,160	19,390	6	116,340	19,470	118,500
Lodgepole	9,750	27	263,250	32,260	6	193,560	42,010	456,810
Logan	1,660	27	44,820	60	11	660	1,720	45,480
Mineral	---	---	---	---	---	---	---	---
Monte Vista	140	34	4,760	880	13	11,440	1,020	16,200
Montezuma	950	25	23,750	970	10	9,700	1,920	33,450
Montrose	2,220	32	71,040	100	10	1,000	2,320	72,040
Morgan	8,300	39	323,700	7,540	6	45,240	15,840	368,940
Northern	3,320	26	86,320	160	6	960	3,480	87,280
Ouray	150	23	5,750	260	8	2,080	410	7,830
Park	---	---	---	20	12	240	20	240
Pueblo	---	---	---	16,620	7	116,340	16,620	116,340
Rocky Mountain	60	32	1,920	---	---	---	60	1,920
Rowley	5,690	23	128,570	4,910	7	34,370	10,500	162,940
Saguache	2,310	26	60,060	680	6	4,080	2,990	64,140
San Juan	90	34	3,060	370	15	5,550	460	8,610
San Grande	4,960	17	84,320	---	---	---	4,960	84,320
Seminole	50	31	1,550	4,360	14	61,040	4,410	62,590
Silver	1,810	14	25,340	---	---	---	1,810	25,340
Summit	100	22	2,200	470	9	4,230	570	6,430
Teller	2,490	29	72,210	12,230	7	85,610	14,720	157,820
Trinidad	10	24	240	70	10	700	80	940
Weld	---	---	---	90	12	1,080	90	1,080
Windsor	820	35	28,700	44,840	7	313,880	45,660	342,580
Yuma	44,840	39	1,748,760	25,120	7	175,840	69,960	1,924,600
Yuma	---	---	---	19,260	9	173,340	19,260	173,340
State	149,440	---	4,891,600	308,560	---	2,207,400	458,000	7,099,000

ACREAGE AND PRODUCTION OF POTATOES, 1931

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	210	85	17,850	30	51	1,530	240	19,380
Alamosa	5,640	62	349,680	---	---	---	5,640	349,680
Arapahoe	5	120	600	10	60	600	15	1,200
Archuleta	80	120	9,600	330	60	19,800	410	29,400
Baca	---	---	---	5	50	250	5	250
Bent	---	---	---	5	40	200	5	200
Boulder	245	135	33,075	5	55	275	250	33,350
Chaffee	465	70	32,550	---	---	---	465	32,550
Cheyenne	---	---	---	65	30	1,950	65	1,950
Clear Creek	5	60	300	30	40	1,200	35	1,500
Conejos	7,180	75	538,500	---	---	---	7,180	538,500
Costilla	1,670	50	83,500	---	---	---	1,670	83,500
Crowley	---	---	---	5	40	200	5	200
Custer	215	70	15,050	3,405	37	125,985	3,620	141,035
Delta	1,290	136	175,440	---	---	---	1,290	175,440
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	195	65	12,675	195	12,675
Douglas	---	---	---	290	30	8,700	290	8,700
Eagle	1,145	150	171,750	10	60	600	1,155	172,350
Elbert	---	---	---	775	35	27,125	775	27,125
El Paso	5	80	400	760	45	34,200	765	34,600
Fremont	20	65	1,300	240	35	8,400	260	9,700
Garfield	2,860	152	434,720	60	60	3,600	2,920	438,320
Gilpin	---	---	---	80	45	3,600	80	3,600
Grand	20	70	1,400	110	35	3,850	130	5,250
Gunnison	70	70	4,900	135	32	4,320	205	9,220
Hinsdale	5	120	600	---	---	---	5	600
Huerfano	95	90	8,550	295	55	16,225	390	24,775
Jackson	10	80	800	60	55	3,300	70	4,100
Jefferson	235	130	30,550	370	70	25,900	605	56,450
Kiowa	---	---	---	10	30	300	10	300
Kit Carson	---	---	---	590	40	23,600	590	23,600
Lake	---	---	---	---	---	---	---	---
La Plata	1,375	150	206,250	30	67	2,010	1,405	208,260
Larimer	795	135	107,325	60	60	3,600	855	110,925
Las Animas	20	105	2,100	150	40	6,000	170	8,100
Lincoln	---	---	---	340	45	15,300	340	15,300
Logan	370	90	33,300	1,040	60	62,400	1,410	95,700
Mesa	1,770	155	274,350	340	75	25,500	2,110	299,850
Mineral	5	75	375	---	---	---	5	375
Moffat	90	90	8,100	860	43	36,980	950	45,080
Montezuma	830	120	99,600	795	65	51,675	1,625	151,275
Montrose	5,180	172	890,960	50	60	3,000	5,230	893,960
Morgan	1,740	145	252,300	40	65	2,600	1,780	254,900
Otero	5	70	350	---	---	---	5	350
Ouray	165	135	22,275	90	62	5,580	255	27,855
Park	---	---	---	1,830	40	73,200	1,830	73,200
Phillips	---	---	---	125	50	6,250	125	6,250
Pitkin	865	140	121,100	---	---	---	865	121,100
Prowers	---	---	---	5	36	180	5	180
Pueblo	---	---	---	20	47	940	20	940
Rio Blanco	75	70	5,250	20	40	800	95	6,050
Rio Grande	14,630	77	1,126,510	---	---	---	14,630	1,126,510
Routt	50	65	3,250	1,140	35	39,900	1,190	43,150
Saguache	7,100	72	511,200	---	---	---	7,100	511,200
San Juan	---	---	---	---	---	---	---	---
San Miguel	20	145	2,900	170	74	12,580	190	15,480
Sedgwick	560	95	53,200	180	45	8,100	740	61,300
Summit	---	---	---	30	40	1,200	30	1,200
Teller	---	---	---	1,875	40	75,000	1,875	75,000
Washington	15	70	1,050	330	37	12,210	345	13,260
Weld	25,350	123	3,118,050	780	70	54,600	26,130	3,172,650
Yuma	30	110	3,300	320	40	12,800	350	16,100
State	82,510	---	8,754,210	18,490	---	840,790	101,000	9,595,000

ACREAGE AND PRODUCTION OF SUGAR BEETS AND RYE, 1931

COUNTY	SUGAR BEETS			RYE FOR GRAIN			Acreage Rye for Pasture	Total Rye Acreage
	Acreage	Average Yield	Production Tons	Acreage	Average Yield	Production Bushels		
Adams	11,350	11.3	128,260	660	8	5,280	520	1,180
Alamosa	680	4.1	2,790	---	---	---	---	---
Arapahoe	1,170	12.2	14,270	780	10	7,800	330	1,110
Archuleta	---	---	---	---	---	---	---	---
Baca	---	---	---	670	8	5,360	120	790
Bent	4,320	7.0	30,240	30	10	300	15	45
Boulder	10,590	11.2	118,610	---	---	---	30	30
Chaffee	---	---	---	---	---	---	---	---
Cheyenne	---	---	---	110	7	770	50	160
Clear Creek	---	---	---	---	---	---	---	---
Conejos	50	6.9	340	---	---	---	---	---
Costilla	---	---	---	---	---	---	---	---
Crowley	5,790	3.5	20,260	25	8	200	5	30
Custer	---	---	---	35	10	350	60	95
Delta	2,320	12.6	29,230	---	---	---	---	---
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	---	---	---	60	60
Douglas	---	---	---	2,225	8	17,800	350	2,575
Eagle	---	---	---	---	---	---	---	---
Elbert	---	---	---	3,220	7	22,540	860	4,080
El Paso	1,110	8.7	9,660	3,540	7	24,780	1,225	4,765
Fremont	---	---	---	10	9	90	40	50
Garfield	1,720	10.3	17,720	15	8	120	30	45
Gilpin	---	---	---	---	---	---	---	---
Grand	---	---	---	50	10	500	30	80
Gunnison	---	---	---	15	8	120	5	20
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	40	13.4	540	5	8	40	30	35
Jackson	---	---	---	---	---	---	10	10
Jefferson	740	12.8	9,470	70	7	490	20	90
Kiowa	---	---	---	85	7	595	---	85
Kit Carson	---	---	---	2,525	7	17,675	1,260	3,785
Lake	---	---	---	---	---	---	---	---
La Plata	---	---	---	35	6	210	10	45
Larimer	22,190	12.9	286,250	250	8	2,000	50	300
Las Animas	1,190	10.4	12,380	260	8	2,080	160	420
Lincoln	---	---	---	1,140	6	6,840	580	1,720
Logan	18,440	10.6	195,460	1,550	6	9,300	4,500	6,050
Mesa	1,730	11.2	19,380	35	8	280	30	65
Mineral	---	---	---	---	---	---	---	---
Moffat	---	---	---	1,040	7	7,280	1,260	2,300
Montezuma	---	---	---	75	7	525	20	95
Montrose	820	10.8	8,860	5	13	65	15	20
Morgan	23,190	11.8	273,640	1,275	6	7,650	3,650	4,925
Otero	11,690	7.8	91,180	40	11	440	20	60
Ouray	---	---	---	---	---	---	---	---
Park	---	---	---	---	---	---	---	---
Phillips	---	---	---	1,220	7	8,540	2,260	3,480
Pitkin	---	---	---	5	14	70	130	135
Prowers	7,890	5.6	44,180	160	8	1,280	35	195
Pueblo	7,540	10.6	79,920	50	10	500	65	115
Rio Blanco	---	---	---	65	8	520	40	105
Rio Grande	80	6.2	500	---	---	---	---	---
Routt	---	---	---	150	12	1,800	30	180
Saguache	---	---	---	---	---	---	---	---
San Juan	---	---	---	---	---	---	---	---
San Miguel	---	---	---	25	8	200	45	70
Sedgwick	4,880	11.1	54,170	550	6	3,300	1,200	1,750
Summit	---	---	---	25	10	250	15	40
Teller	---	---	---	10	15	150	80	90
Washington	460	12.7	5,840	3,845	6	23,070	2,880	6,725
Weld	86,020	12.6	1,083,850	5,550	7	38,850	5,560	11,110
Yuma	---	---	---	21,570	7	150,990	2,315	23,885
State	226,000	---	2,537,000	53,000	---	371,000	30,000	83,000

ACREAGE AND PRODUCTION OF GRAIN AND SWEET SORGHUMS, 1931

COUNTY	GRAIN SORGHUMS			SWEET SORGHUMS			Total Acreage All Sorghums
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Tons	
Adams	1,530	10	15,300	3,860	1.3	5,020	5,390
Alamosa	---	---	---	---	---	---	---
Arapahoe	1,610	9	14,490	3,420	1.3	4,450	5,030
Archuleta	---	---	---	---	---	---	---
Baca	66,720	12	800,640	3,830	1.6	6,130	70,550
Bent	12,390	11	136,290	950	1.2	1,140	13,340
Boulder	---	---	---	10	1.5	20	10
Chaffee	---	---	---	---	---	---	---
Cheyenne	12,050	13	156,650	5,660	1.5	8,490	17,710
Clear Creek	---	---	---	---	---	---	---
Conejos	---	---	---	---	---	---	---
Costilla	---	---	---	---	---	---	---
Crowley	840	9	7,560	2,100	1.0	2,100	2,940
Custer	25	12	300	---	---	---	25
Delta	5	11	55	5	1.5	10	10
Denver	---	---	---	---	---	---	---
Dolores	25	12	300	115	1.5	170	140
Douglas	110	10	1,100	640	1.3	830	750
Eagle	---	---	---	---	---	---	---
Elbert	770	10	7,700	3,370	1.1	3,710	4,140
El Paso	1,210	10	12,100	4,420	1.3	5,750	5,630
Fremont	20	11	220	50	1.4	70	70
Garfield	10	12	120	15	1.5	20	25
Gilpin	---	---	---	---	---	---	---
Grand	---	---	---	---	---	---	---
Gunnison	---	---	---	---	---	---	---
Hinsdale	---	---	---	---	---	---	---
Huerfano	30	12	360	270	1.0	270	300
Jackson	---	---	---	---	---	---	---
Jefferson	75	12	900	25	1.5	40	100
Kiowa	10,420	12	125,040	17,215	1.3	22,380	27,635
Kit Carson	11,660	12	139,920	9,490	1.5	14,240	21,150
Lake	---	---	---	---	---	---	---
La Plata	30	10	300	60	1.5	90	90
Larimer	130	11	1,430	310	1.5	460	440
Las Animas	5,560	10	55,600	2,680	1.2	3,220	8,240
Lincoln	12,650	9	113,850	6,775	1.1	7,440	19,425
Logan	2,140	10	21,400	7,530	1.7	12,800	9,670
Mesa	145	11	1,595	95	1.6	140	240
Mineral	---	---	---	---	---	---	---
Moffat	20	12	240	150	1.4	210	170
Montezuma	225	9	2,025	215	1.5	320	440
Montrose	5	10	50	---	---	---	5
Morgan	2,690	10	26,900	3,590	1.5	5,380	6,280
Otero	1,220	12	14,640	410	1.5	620	1,630
Ouray	---	---	---	---	---	---	---
Park	---	---	---	---	---	---	---
Phillips	960	10	9,600	5,220	1.5	7,830	6,180
Pitkin	---	---	---	---	---	---	---
Prowers	22,500	10	225,000	4,650	1.5	6,980	27,150
Pueblo	2,560	8	20,480	730	1.4	1,020	3,290
Rio Blanco	---	---	---	---	---	---	---
Rio Grande	---	---	---	---	---	---	---
Routt	---	---	---	---	---	---	---
Saguache	---	---	---	---	---	---	---
San Juan	---	---	---	---	---	---	---
San Miguel	45	11	495	5	1.5	10	50
Sedgwick	330	11	3,630	420	1.4	580	750
Summit	---	---	---	---	---	---	---
Teller	---	---	---	---	---	---	---
Washington	6,470	9	58,230	7,555	1.3	9,820	14,025
Weld	2,110	10	21,100	5,680	1.5	8,520	7,790
Yuma	11,710	9	105,390	16,480	1.5	24,720	28,190
State	191,000	---	2,101,000	118,000	---	165,000	309,000

ACREAGE AND PRODUCTION OF DRY BEANS, 1931

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Pounds	Acreage	Average Yield	Production Pounds	Acreage	Production Pounds
Adams	510	610	311,100	25,080	182	4,564,560	25,590	4,875,660
Alamosa	10	650	6,500	---	---	---	10	6,500
Arapahoe	200	700	140,000	20,140	230	4,632,200	20,340	4,772,200
Archuleta	---	---	---	40	251	10,040	40	10,040
Baca	60	510	30,600	6,050	300	1,815,000	6,110	1,845,600
Bent	290	550	159,500	1,790	210	375,900	2,080	535,400
Boulder	100	610	61,000	320	130	41,600	420	102,600
Chaffee	40	460	18,400	---	---	---	40	18,400
Cheyenne	---	---	---	980	220	215,600	980	215,600
Clear Creek	---	---	---	---	---	---	---	---
Conejos	540	830	448,200	---	---	---	540	448,200
Costilla	420	620	260,400	---	---	---	420	260,400
Crowley	300	520	156,000	2,440	250	610,000	2,740	766,000
Custer	---	---	---	---	---	---	---	---
Delta	130	730	94,900	30	240	7,200	160	102,100
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	1,070	250	267,500	1,070	267,500
Douglas	---	---	---	1,690	210	354,900	1,690	354,900
Eagle	---	---	---	---	---	---	---	---
Elbert	---	---	---	51,020	220	11,224,400	51,020	11,224,400
El Paso	410	630	258,300	40,330	240	9,679,200	40,740	9,937,500
Fremont	10	410	4,100	30	160	4,800	40	8,900
Garfield	30	710	21,300	---	---	---	30	21,300
Gilpin	---	---	---	20	260	5,200	20	5,200
Grand	---	---	---	---	---	---	---	---
Gunnison	---	---	---	---	---	---	---	---
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	90	410	36,900	1,220	260	317,200	1,310	354,100
Jackson	---	---	---	---	---	---	---	---
Jefferson	40	610	24,400	70	120	8,400	110	32,800
Kiowa	---	---	---	450	200	90,000	450	90,000
Kit Carson	30	580	17,400	3,090	200	618,000	3,120	635,400
Lake	---	---	---	---	---	---	---	---
La Plata	80	420	33,600	640	280	179,200	720	212,800
Larimer	710	550	390,500	680	160	108,800	1,390	499,300
Las Animas	2,750	630	1,732,500	13,450	310	4,169,500	16,200	5,902,000
Lincoln	---	---	---	26,040	170	4,426,800	26,040	4,426,800
Logan	320	480	153,600	4,300	240	1,032,000	4,620	1,185,600
Mesa	2,870	930	2,669,100	470	200	94,000	3,340	2,763,100
Mineral	---	---	---	---	---	---	---	---
Moffat	---	---	---	70	300	21,000	70	21,000
Montezuma	1,320	470	620,400	7,470	270	2,016,900	8,790	2,637,300
Montrose	330	700	231,000	10	200	2,000	340	233,000
Morgan	1,100	530	583,000	14,660	210	3,078,600	15,760	3,661,600
Otero	2,780	580	1,612,400	120	250	30,000	2,900	1,642,400
Ouray	---	---	---	10	200	2,000	10	2,000
Park	---	---	---	---	---	---	---	---
Phillips	---	---	---	210	250	52,500	210	52,500
Pitkin	---	---	---	---	---	---	---	---
Prowers	90	570	51,300	150	190	28,500	240	79,800
Pueblo	1,530	520	795,600	13,710	140	1,919,400	15,240	2,715,000
Rio Blanco	---	---	---	---	---	---	---	---
Rio Grande	110	610	67,100	---	---	---	110	67,100
Routt	---	---	---	---	---	---	---	---
Saguache	10	650	6,500	---	---	---	10	6,500
San Juan	---	---	---	---	---	---	---	---
San Miguel	---	---	---	230	210	48,300	230	48,300
Sedgwick	---	---	---	60	150	9,000	60	9,000
Summit	---	---	---	---	---	---	---	---
Teller	---	---	---	---	---	---	---	---
Washington	---	---	---	16,520	180	2,973,600	16,520	2,973,600
Weld	13,160	780	10,264,800	33,850	180	6,093,000	47,010	16,357,800
Yuma	---	---	---	1,120	190	212,800	1,120	212,800
State	30,870	---	21,260,400	289,630	---	61,339,600	320,000	82,600,000

ACREAGE AND PRODUCTION OF BROOMCORN, 1931, 1930 AND 1929

COUNTY	1931			1930			1929		
	Acreage	Average Yield	Production Pounds	Acreage	Average Yield	Production Pounds	Acreage	Average Yield	Production Pounds
Adams	20	190	3,800	25	260	6,500	35	300	10,500
Alamosa									
Arapahoe									
Archuleta									
Baca	39,560	260	10,285,600	55,630	270	15,020,100	52,565	287	15,086,150
Bent	610	240	146,400	740	257	190,180	145	371	53,795
Boulder									
Chaffee									
Cheyenne				760	269	204,440			
Clear Creek									
Conejos									
Costilla									
Crowley									
Custer									
Delta	60	240	14,400						
Denver									
Dolores	10	230	2,300						
Douglas									
Eagle									
Elbert									
El Paso									
Fremont									
Garfield									
Gilpin									
Grand									
Gunnison									
Hinsdale									
Huerfano									
Jackson									
Jefferson									
Kiowa	720	150	108,000	1,710	303	518,130	650	291	189,150
Kit Carson	60	140	8,400				10	299	2,990
Lake									
La Plata									
Larimer									
Las Animas	1,050	200	210,000	1,240	214	265,360	1,060	271	287,260
Lincoln							25	490	12,250
Logan									
Mesa									
Mineral									
Moffat									
Montezuma									
Montrose									
Morgan									
Otero				10	257	2,570			
Ouray									
Park									
Phillips									
Pitkin									
Prowers	3,910	210	821,100	16,885	272	4,592,720	9,510	290	2,757,900
Pueblo									
Rio Blanco									
Rio Grande									
Routt									
Saguache									
San Juan									
San Miguel									
Sedgwick									
Summit									
Teller									
Washington									
Weld									
Yuma									
State	46,000		11,600,000	77,000		20,800,000	64,000		18,400,000

ACREAGE OF HAY CROPS, 1931

COUNTY	Alfalfa	All Clover and Timothy, Alone or Mixed	Millet and Sudan Grass	All Other Tame Hay*	Total Tame Hay	Wild Grass Cut for Hay	Total Hay
Adams	16,820	170	3,660	570	21,220	2,660	23,880
Alamosa	11,850	1,890	---	10,430	24,170	13,450	37,620
Arapahoe	12,950	150	1,210	2,890	17,200	2,300	19,500
Archuleta	4,780	9,210	20	1,170	15,180	1,540	16,720
Baca	1,610	710	1,690	60	4,070	490	4,560
Bent	25,910	170	290	30	26,400	290	26,690
Boulder	24,530	870	30	760	26,190	4,280	30,470
Chaffee	4,250	3,110	---	1,390	8,750	840	9,590
Cheyenne	590	40	1,790	110	2,530	1,450	3,980
Clear Creek	10	200	---	760	970	310	1,280
Conejos	15,250	2,210	---	2,740	20,200	20,710	40,910
Costilla	6,020	2,290	---	2,690	11,000	1,580	12,580
Crowley	8,540	40	210	160	8,950	60	9,010
Custer	2,210	3,780	40	10,710	16,740	3,580	20,320
Delta	27,080	610	40	1,780	29,510	180	29,690
Denver	---	---	---	---	---	---	---
Dolores	310	320	---	470	1,100	80	1,180
Douglas	8,910	1,590	1,170	4,070	15,740	2,190	17,930
Eagle	9,890	12,230	20	1,490	23,630	490	24,120
Elbert	9,490	480	4,320	7,740	22,030	4,210	26,240
El Paso	5,880	1,210	7,120	8,990	23,200	6,180	29,380
Fremont	7,390	1,530	90	4,490	13,500	130	13,630
Garfield	38,450	970	30	1,270	40,720	710	41,430
Gilpin	---	30	---	750	780	510	1,290
Grand	850	13,520	---	12,240	26,610	4,240	30,850
Gunnison	2,290	21,340	---	10,410	34,040	15,200	49,240
Hinsdale	70	2,590	---	290	2,950	700	3,650
Huerfano	14,460	3,780	100	1,990	20,330	920	21,250
Jackson	10	960	---	2,380	3,350	89,650	93,000
Jefferson	15,340	1,090	180	1,930	18,540	1,210	19,750
Kiowa	1,630	80	1,170	140	3,020	110	3,130
Kit Carson	1,620	40	7,150	2,470	11,280	1,840	13,120
Lake	---	20	---	1,660	1,680	5,630	7,310
La Plata	20,990	3,370	20	4,370	28,750	780	29,530
Larimer	43,150	3,230	1,570	9,790	57,740	5,020	62,760
Las Animas	16,150	4,070	370	4,010	24,600	1,430	26,030
Lincoln	1,950	140	7,310	3,920	13,320	4,940	18,260
Logan	24,150	880	5,940	1,170	32,140	12,810	44,950
Mesa	32,940	610	140	2,280	35,970	160	36,130
Mineral	10	1,220	---	940	2,170	940	3,110
Moffat	13,150	3,870	90	8,870	25,980	3,890	29,870
Montezuma	19,460	880	30	1,460	21,830	90	21,920
Montrose	34,120	1,810	20	1,160	37,110	110	37,220
Morgan	22,940	410	4,360	1,330	29,040	10,590	39,630
Otero	18,850	950	110	3,670	23,580	150	23,730
Ouray	3,560	5,450	---	1,270	10,280	1,300	11,580
Park	20	220	---	6,920	7,160	35,920	43,080
Phillips	440	50	4,370	850	5,710	200	5,910
Pitkin	3,140	6,210	---	330	9,680	250	9,930
Prowers	36,150	90	1,140	620	38,000	540	38,540
Pueblo	17,940	990	510	410	19,850	1,750	21,600
Rio Blanco	18,790	8,840	---	8,430	36,060	2,580	38,640
Rio Grand	9,150	6,090	---	24,340	39,580	3,910	43,490
Routt	9,870	31,140	100	4,780	45,890	1,390	47,280
Saguache	7,140	3,130	---	19,590	29,860	45,750	75,610
San Juan	---	---	---	---	---	---	---
San Miguel	4,020	1,290	---	3,690	9,000	200	9,200
Sedgwick	4,650	220	720	2,290	7,880	5,010	12,890
Summit	30	7,320	---	690	8,040	760	8,800
Teller	160	120	---	9,770	10,050	1,110	11,160
Washington	3,060	90	16,360	3,640	23,150	10,250	33,400
Weld	95,540	1,570	11,640	9,720	118,470	14,200	132,670
Yuma	2,490	510	6,870	1,660	11,530	8,250	19,780
State	743,000	182,000	92,000	241,000	1,258,000	362,000	1,620,000

*Includes grains cut green.

ACREAGE AND PRODUCTION OF HAY, 1931

COUNTY	TAME HAY			WILD HAY			TOTAL HAY	
	Acreage	Yield	Production Tons	Acreage	Yield	Production Tons	Acreage	Production Tons
Adams -----	21,220	1.5	31,830	2,660	.8	2,130	23,880	33,960
Alamosa -----	24,170	1.2	29,000	13,450	.5	7,230	37,620	36,230
Arapahoe -----	17,200	1.4	24,080	2,300	.8	1,840	19,500	25,920
Arapahoe -----	15,180	1.3	19,730	1,540	.8	1,230	16,720	20,960
Baca -----	4,070	1.1	4,480	490	.8	390	4,560	4,870
Bent -----	26,400	1.2	31,680	290	.6	170	26,690	31,850
Boulder -----	26,190	1.7	44,520	4,280	1.0	4,480	30,470	49,000
Chaffee -----	8,750	1.0	8,750	840	1.0	840	9,590	9,590
Cheyenne -----	2,530	1.0	2,530	1,450	.6	870	3,980	3,400
Clear Creek -----	970	.9	870	310	1.3	400	1,280	1,270
Conejos -----	20,200	1.3	26,260	20,710	.7	14,490	40,910	40,760
Costilla -----	11,000	1.3	14,300	1,580	.8	1,270	12,580	15,570
Crowley -----	8,950	1.0	8,950	60	.8	50	9,010	9,000
Custer -----	16,740	1.5	25,110	3,580	.8	2,860	20,320	27,970
Delta -----	29,510	1.8	53,120	180	.9	160	29,690	53,280
Denver -----	---	---	---	---	---	---	---	---
Dolores -----	1,100	1.1	1,210	80	.9	70	1,180	1,280
Douglas -----	15,740	1.3	20,460	2,190	.7	1,530	17,930	21,990
Eagle -----	23,630	1.7	40,170	490	1.1	540	24,120	40,710
Elbert -----	22,030	.6	13,220	4,210	.5	2,110	26,240	15,830
El Paso -----	23,200	.6	13,920	6,180	.7	4,330	29,380	18,260
Fremont -----	13,500	1.6	21,600	130	.7	90	13,630	21,690
Garfield -----	40,720	1.9	77,370	710	.9	660	41,430	78,030
Gilpin -----	780	.9	700	510	1.0	510	1,290	1,210
Grand -----	26,610	1.1	29,270	4,240	1.1	4,990	30,850	34,260
Gunnison -----	34,040	1.1	37,440	15,200	1.1	16,720	49,240	54,160
Hinsdale -----	2,950	1.2	3,540	700	.7	490	3,650	4,030
Huerfano -----	20,330	1.6	32,530	920	.5	460	21,250	32,990
Jackson -----	3,350	1.0	3,350	89,650	1.0	91,650	93,000	95,000
Jefferson -----	18,540	1.6	29,660	1,210	1.1	1,330	19,750	30,990
Kiowa -----	3,020	.6	1,810	110	.6	70	3,130	1,880
Kit Carson -----	11,280	.7	7,900	1,840	.5	1,170	13,120	9,070
Lake -----	1,680	.9	1,510	5,630	.7	3,940	7,310	5,450
La Plata -----	28,750	1.5	43,120	780	1.0	780	29,530	43,900
Larimer -----	57,740	1.6	92,380	5,020	1.1	5,520	62,760	97,900
Las Animas -----	24,600	1.1	27,060	1,430	.8	1,140	26,030	28,200
Lincoln -----	13,320	.8	10,660	4,940	.5	2,470	18,260	13,130
Logan -----	32,140	1.5	48,210	12,810	.7	8,960	44,950	57,170
Mesa -----	35,970	1.9	68,340	160	.9	140	36,130	68,480
Mineral -----	2,170	1.0	2,170	940	.6	560	3,110	2,730
Moffat -----	25,980	1.1	28,580	3,890	.9	3,500	29,870	32,080
Montezuma -----	21,830	1.5	32,740	90	1.2	110	21,920	32,850
Montrose -----	37,110	1.6	59,380	110	1.0	110	37,220	59,490
Morgan -----	29,040	1.7	49,370	10,590	.8	5,280	39,630	54,650
Otero -----	23,580	1.4	33,000	150	1.0	150	23,730	33,150
Ouray -----	10,280	1.4	14,390	1,300	1.3	1,690	11,580	16,080
Park -----	7,160	.9	6,440	35,920	.7	25,140	43,080	31,580
Phillips -----	5,710	1.0	5,710	200	.7	140	5,910	5,850
Pitkin -----	9,680	.9	8,710	250	.9	220	9,930	8,930
Prowers -----	38,000	.9	34,200	540	.9	490	38,540	34,690
Pueblo -----	19,850	1.4	27,790	1,750	1.0	1,750	21,600	29,540
Rio Blanco -----	36,060	1.2	43,270	2,580	1.2	3,100	38,640	46,370
Rio Grande -----	39,580	.9	35,620	3,910	.7	2,740	43,490	38,360
Routt -----	45,890	1.1	50,480	1,390	1.0	1,390	47,280	51,870
Saguache -----	29,860	.7	20,900	45,750	.6	27,450	75,610	48,350
San Juan -----	---	---	---	---	---	---	---	---
San Miguel -----	9,000	1.1	9,900	200	1.4	280	9,200	10,180
Sedgwick -----	7,880	1.5	11,820	5,010	.8	4,010	12,890	15,830
Summit -----	8,040	.9	7,240	760	.9	680	8,800	7,920
Teller -----	10,050	.8	8,040	1,110	.6	670	11,160	8,710
Washington -----	23,150	.8	18,520	10,250	.6	6,150	33,400	24,670
Weld -----	118,470	1.5	177,710	14,200	.8	11,360	132,670	189,070
Yuma -----	11,530	.9	10,380	8,250	.6	4,950	19,780	15,330
State -----	1,253,000	--	1,647,000	362,000	--	290,000	1,620,000	1,937,000

COLORADO CROP ACREAGE, PRODUCTION AND VALUE, 1930

KIND OF CROP	Acreage	PRODUCTION		FARM VALUE, DECEMBER 1ST		
		Per Acre	Total	Unit	Per Unit	Total
Winter Wheat	1,324,000	14.5	19,198,000	Bus.	\$ 0.53	\$ 10,175,000
Spring Wheat	308,000	13.5	4,158,000	Bus.	.54	2,245,000
Barley	1,732,000	22.5	38,970,000	Bus.	.62	24,161,000
Oats for Grain ¹	195,000	31.0	6,045,000	Bus.	.36	2,176,000
Barley for Grain	572,000	21.5	12,298,000	Bus.	.40	4,919,000
Oats for Grain	74,000	8.5	629,000	Bus.	.37	233,000
Sorghum	180,000	13.0	2,340,000	Bus.	.50	1,170,000
Sweet Sorghums	103,000	2.2	227,000	Tons	6.00	1,430,000
Broomcorn*	77,000	270	10,400	Tons	51.00	530,000
Field Peas	49,000	12	588,000	Bus.	.90	529,000
Lima Beans	432,000	6.00	2,592,000	100-lb. Bags	2.25	5,832,000
Potatoes	92,000	190.0	17,480,000	Bus.	.60	10,488,000
Ginger Beets	242,000	13.69	3,312,000	Tons	6.94	22,873,000
Cabbage	3,900	12.48	48,700	Tons	8.62	420,000
Onions	5,600	308	1,725,000	Bus.	.32	552,000
Flower	2,800	320	896,000	Crs.	.80	717,000
Tomatoes for Mfg.	2,230	8.5	19,000	Tons	10.90	207,000
Tomatoes for Market	1,230	320	394,000	Bus.	.80	315,000
Cantaloupes and Honeydew Melons for Market	10,000	200	2,000,000	Std. Crs.	1.20	2,400,000
Cantaloupes and Honeydew Melons for Seed	2,400	250	600,040	Lbs.	.28	168,010
Watermelons	1,070	320	342,000	Nos.	.17	58,000
Cucumbers for Pickles	2,800	130	364,000	Bus.	.53	193,000
Cucumbers for Seed	4,400	461	2,026,880	Lbs.	.029	587,800
Map Beans for Mfg.	2,100	4.0	8,400	Tons	60.00	504,000
Map Beans for Market	1,750	290	508,000	Bus.	.90	457,000
Beans (Green) for Mfg.	3,700	1820	6,734,000	Lbs.	.023	155,000
Beans (Green) for Market	5,820	75	436,000	Bus.	1.65	719,000
Eggplant	7,440	90	670,000	Crs.	.85	570,000
Peppers	950	260	247,000	½ Crs.	.90	222,000
Cornichons	450	180	81,000	Bus.	.40	32,000
Millet Seed ²	22,000	16.3	358,600	Bus.	.58	208,000
Alfalfa Seed	21,500	3.0	64,500	Bus.	8.40	542,000
Other Farm, Garden and Seed Crops not listed separately	22,890	---	---	---	---	1,347,510
Straw Hay, All Varieties	1,292,000	1.71	2,215,000	Tons	9.20	20,378,000
Field Hay	366,000	1.00	366,000	Tons	8.80	3,221,000
Hay	---	---	1,060,000	Bus.	.85	901,000
Alfalfa	---	---	787,000	Bus.	1.45	1,141,000
Timothy	---	---	146,000	Bus.	1.30	190,000
Legumes	---	---	3,500	Tons	90.00	315,000
Miscellaneous Fruits ³	32,500	---	---	---	---	206,000
Carrot Beet Tops	---	---	---	---	---	847,000
Land for Pasture	27,000	---	---	---	---	108,000
Totals	7,222,530	---	---	---	---	\$124,442,320

*County statistics for broomcorn in 1929-30-31 appear on page 92.

¹In 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.

²This acreage of millet saved for seed is in addition to the area harvested for hay as shown in the hay table.

³This acreage includes the total acreage of tree, bush and miscellaneous fruits for the state, but the acreage shown in the last column includes only fruits not separately listed above.

Note—On this and the following five pages, including inserts, appear revisions of crop statistics for the state for 1930 and 1929. The reports for both years were revised in the light of the 1930 federal census. Only state figures are shown in most of these published revisions, but county totals as revised will be found in "Agricultural Statistics" for 1931.

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
Adams	\$ 460,260	\$ 470,970	\$ 29,580	\$ 132,290	\$ 2,370	\$ 80,900	\$ 302,920	\$ 59,260	\$ 1,029,960	\$ 325,620	\$ 9,940	\$ 706,190	\$ 3,560,260
Alamosa	260	22,790	50,670	28,540	90	838,910	180	20,430	54,140	487,980	250	117,060	1,595,870
Arapahoe	348,650	341,820	24,440	48,060	3,170	1,780	280,580	---	114,920	243,190	8,760	68,570	1,604,280
Archuleta	19,850	15,670	14,190	3,380	---	13,740	650	---	---	318,270	320	3,180	389,250
Baca	681,880	732,350	440	20,880	2,390	330	51,460	280,450	---	31,950	1,100	418,740	2,221,970
Bent	481,200	56,760	19,760	72,620	180	340	20,480	97,010	458,420	552,810	1,650	52,470	2,313,600
Boulder	201,430	266,760	64,040	129,360	---	24,700	6,800	---	876,030	481,900	26,170	188,650	2,254,840
Chaffee	250	8,400	26,160	28,260	---	60,020	1,010	---	2,210	153,270	2,790	108,460	390,850
Cheyenne	1,167,400	70,870	6,260	60,260	1,130	5,230	11,460	98,430	---	51,000	260	14,220	1,486,520
Clear Creek	270	---	80	---	---	1,420	---	---	---	8,930	---	---	10,700
Conchos	3,300	77,890	61,970	129,690	220	891,070	13,110	---	13,260	565,510	220	403,690	2,169,740
Costilla	2,230	30,020	21,920	25,420	110	74,580	10,920	---	1,040	161,620	200	573,300	891,360
Crowley	234,170	3,570	14,360	26,240	30	330	69,450	38,540	463,030	280,760	5,640	1,196,680	2,322,300
Custer	16,500	8,840	20,430	8,400	2,40	244,680	---	13,220	---	297,470	50	118,030	727,760
Delta	134,540	62,930	37,490	34,170	---	104,840	4,800	---	172,720	652,860	651,200	159,460	2,005,010
Denver	---	12,980	---	1,150	330	---	20,790	2,130	---	12,310	200	3,100	73,890
Dolores	8,030	36,400	3,560	13,600	6,670	12,240	33,900	6,770	---	253,290	1,260	7,710	671,520
Douglas	241,210	---	58,470	---	---	---	---	---	---	---	---	---	---
Eagle	500	22,880	30,630	4,520	---	214,930	---	---	---	317,380	820	30,470	622,030
Elbert	678,760	131,270	48,100	31,440	7,600	43,160	804,990	51,750	---	279,400	1,540	34,160	2,112,160
El Paso	864,730	32,460	77,530	16,850	7,130	40,550	883,030	40,470	49,650	328,140	1,520	62,910	2,394,970
Fremont	83,320	5,100	19,320	5,670	90	12,750	3,140	60	4,490	243,740	198,000	346,220	921,800
Garfield	19,030	82,950	46,340	30,220	530	373,240	1,880	250	176,790	815,290	46,940	55,450	1,648,910
Giblin	---	---	190	70	---	4,120	---	---	---	10,420	---	2,370	17,170
Grand	---	1,100	12,600	8,160	180	5,760	---	---	---	396,470	---	62,730	486,900
Gunnison	---	1,050	3,890	2,270	60	22,730	---	---	---	540,590	220	4,040	574,850
Hinsdale	---	---	1,730	---	---	850	---	---	---	41,290	---	540	44,410
Huerfano	64,490	17,060	10,960	3,670	160	14,650	19,270	5,530	1,800	253,380	2,210	25,940	419,120
Jackson	---	---	1,740	120	---	7,770	---	---	---	905,630	---	1,560	916,820
Jefferson	93,170	165,600	49,070	44,110	190	36,360	4,020	130	53,380	340,330	98,420	488,320	1,342,040
Kiowa	763,310	24,610	730	23,180	260	490	3,910	254,600	---	30,410	260	26,360	1,128,120
Kit Carson	2,378,130	486,070	30,640	467,600	7,700	30,690	37,600	233,780	---	159,860	820	30,740	3,862,630

FARM VALUE OF CROPS BY COUNTIES, 1929

COUNTY	Corn	Wheat	Oats	Barley	Rye	Potatoes	Dry Beans	Sorghums	Sugar Beets	All Hay	Fruits	Miscellaneous Crops	Totals
Adams	\$ 333,280	\$ 1,072,150	\$ 49,090	\$ 170,330	\$ 4,370	\$ 43,550	\$ 305,570	\$ 71,200	\$ 941,440	\$ 504,910	\$ 33,560	\$ 847,750	\$ 4,377,300
Alamosa	220	47,360	85,550	33,330	110	1,218,620	760	---	42,340	541,350	180	128,910	2,101,080
Archaeo	263,910	703,700	39,350	99,660	7,840	2,660	273,870	46,270	143,450	361,450	27,260	129,920	2,089,940
Archuleta	9,690	25,090	21,810	3,630	---	18,830	1,430	80	---	305,230	230	5,370	389,390
Baca	770,350	967,100	1,720	81,330	2,840	380	92,050	453,320	---	42,200	1,400	870,800	3,283,500
Bent	474,600	137,950	15,240	77,530	110	750	37,430	109,520	305,610	759,390	4,620	563,000	2,485,760
Boulder	175,500	471,650	64,560	167,160	---	24,500	7,390	1,040	788,290	641,360	91,420	194,360	2,627,230
Chaffee	---	23,980	27,800	32,080	---	53,680	1,980	---	---	178,540	7,800	142,020	467,880
Cheyenne	617,510	76,350	6,290	76,520	930	5,150	24,100	164,040	---	34,650	450	9,480	1,015,470
Clear Creek	450	---	100	---	---	1,910	---	---	---	7,940	---	690	11,090
Conejos	3,360	136,800	102,630	131,700	360	1,054,820	22,360	---	10,310	711,170	440	540,210	2,714,060
Costilla	2,250	43,750	25,410	30,050	60	47,380	22,270	---	---	175,300	2,120	709,710	1,057,290
Crowley	163,450	5,480	16,130	31,160	140	390	110,380	51,680	446,290	437,070	19,360	897,130	2,178,570
Custer	5,640	15,500	13,990	10,800	390	180,700	---	140	---	259,620	---	109,740	596,520
Delta	103,660	108,990	65,910	60,840	---	150,980	6,030	250	170,270	929,070	1,592,590	203,710	3,392,300
Denver	---	29,010	11,050	---	420	13,090	28,840	4,300	---	17,640	180	2,250	128,310
Dolores	19,460	101,310	39,730	20,260	10,800	13,200	34,000	6,510	---	255,260	2,150	9,420	634,620
Douglas	---	---	---	---	---	---	---	---	---	---	---	---	---
Eagle	450	45,320	44,330	9,950	---	320,860	---	---	---	498,100	1,410	73,280	993,800
Elbert	378,020	311,380	51,500	50,240	27,590	29,170	639,820	40,080	---	316,070	2,830	37,800	1,884,500
El Paso	456,820	50,510	81,760	17,100	20,730	36,380	730,470	49,100	27,030	288,730	2,440	74,190	1,334,960
Fremont	79,400	12,220	15,880	8,710	70	30,270	4,980	1,760	6,580	213,980	273,840	296,680	944,370
Garfield	12,620	158,890	66,550	38,690	1,200	590,140	6,770	360	133,190	1,005,350	113,680	61,020	2,188,460
Gibbn	---	---	---	---	---	4,780	---	---	---	13,600	---	3,800	22,680
Grand	---	600	10,940	6,080	780	8,450	---	---	---	41,720	10	89,400	527,950
Gunnison	---	2,150	4,970	2,020	---	28,510	---	---	---	726,470	580	6,000	770,920
Hinsdale	---	---	890	---	---	1,760	---	---	---	54,780	---	---	57,430
Huerfano	66,540	32,750	25,310	17,100	170	19,600	39,910	6,460	---	360,400	11,800	57,040	637,080
Jackson	---	---	890	240	---	4,710	---	---	---	925,220	---	1,880	932,940
Jefferson	86,770	264,980	53,170	66,000	160	47,500	2,150	340	42,830	411,160	268,980	505,060	1,749,100
Kiowa	534,110	63,130	520	21,450	730	1,250	3,200	255,200	---	23,360	500	22,540	926,020
Kit Carson	993,130	721,640	25,670	364,500	12,710	20,000	31,140	189,280	---	98,690	1,320	36,070	2,494,150

COLORADO CROP ACREAGE, PRODUCTION AND VALUE, 1929

KIND OF CROP	Acreage	PRODUCTION		FARM VALUE DECEMBER 1ST		
		Per Acre	Total	Unit	Per Unit	Total
Winter Wheat.....	1,204,000	11.0	13,244,000	Bus.	\$ 0.93	\$ 12,317,000
Spring Wheat.....	335,000	14.0	4,690,000	Bus.	.92	4,315,000
Corn.....	1,533,000	14.5	22,228,000	Bus.	.75	16,671,000
Oats for Grain ¹	203,000	29.0	5,887,000	Bus.	.48	2,826,000
Barley for Grain.....	608,000	18.0	10,944,000	Bus.	.54	5,910,000
Rye for Grain.....	64,000	8.0	512,000	Bus.	.71	364,000
Grain Sorghums.....	175,000	10.5	1,838,000	Bus.	.80	1,470,000
Sweet Sorghums.....	105,000	1.80	189,000	Tons	8.00	1,512,000
Broomcorn*.....	64,000	286	9,200	Tons	112.00	1,030,000
Field Peas.....	49,000	12.0	588,000	Bus.	1.20	706,000
Dry Beans.....	372,000	3.60	1,339,000	100-lb. Bags	4.50	6,026,000
Potatoes.....	90,000	163.0	14,670,000	Bus.	1.10	16,137,000
Sugar Beets.....	210,000	12.44	2,612,000	Tons	6.95	18,106,000
Cabbage.....	3,300	10.6	35,000	Tons	20.43	715,000
Onions ²	7,000	369	2,583,000	Bus.	.45	1,097,000
Cauliflower.....	3,200	360	1,152,000	Crs.	.70	806,000
Tomatoes for Mfg.....	2,030	8.7	17,700	Tons	11.00	195,000
Tomatoes for Market.....	1,070	310	332,000	Bus.	.97	322,000
Cantaloupes and Honeydew Melons for Market.....	11,000	230	2,530,000	Crs.	.83	2,100,000
Cantaloupes and Honeydew Melons for Seed.....	1,700	237.6	403,920	Lbs.	.30	121,180
Watermelons.....	1,070	300	321,000	Nos.	.165	53,000
Cucumbers for Pickles.....	2,000	115	230,000	Bus.	.60	138,000
Cucumbers for Seed.....	3,800	259.5	986,170	Lbs.	.28	276,130
Snap Beans for Mfg.....	2,300	3.0	6,900	Tons	58.00	400,000
Snap Beans for Market.....	1,500	250	375,000	Bus.	.84	315,000
Peas (Green) for Mfg.....	3,400	1776	6,038,000	Lbs.	.022	133,000
Peas (Green) for Market.....	7,100	81	575,000	Bus.	1.30	748,000
Lettuce.....	8,100	110	891,000	Crs.	1.25	1,114,000
Celery.....	1,100	240	264,000	Crs.	1.10	290,000
Spinach.....	400	240	96,000	Bus.	.70	67,000
Millet Seed ³	18,000	11.5	207,000	Bus.	.75	155,200
Alfalfa Seed.....	13,000	4.0	52,000	Bus.	10.10	525,000
All Other Farm, Garden and Seed Crops not listed separately.....	28,350	----	-----	----	----	1,741,660
Tame Hay, All Varieties.....	1,255,000	1.8	2,255,000	Tons	11.50	25,932,000
Wild Hay.....	362,000	.95	344,000	Tons	10.30	3,543,000
Apples.....	-----	-----	2,300,000	Bus.	.95	2,185,000
Peaches.....	-----	-----	953,000	Bus.	1.45	1,382,000
Pears.....	-----	-----	600,000	Bus.	1.50	900,000
Cherries.....	-----	-----	5,100	Tons	120	612,000
Miscellaneous Fruits ⁴	32,500	-----	-----	-----	-----	291,000
Sugar Beet Tops.....	-----	-----	-----	-----	-----	840,000
Rye for Pasture.....	30,000	-----	-----	-----	-----	150,000
Totals.....	6,810,920	-----	-----	-----	-----	\$134,537,170

*County statistics for broomcorn in 1929-30-31 appear on page 92.

¹In 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.

²Including 146,000 bushels onions lost by freeze but not included in computing value.

³This acreage of millet saved for seed is in addition to the area harvested for hay as shown in the hay table.

⁴This acreage includes the total acreage of tree, bush and miscellaneous fruits for the state, but the value shown in the last column includes only fruits not separately listed above.

RANK OF COUNTIES IN THE PRODUCTION OF PRINCIPAL CROPS, 1931

COUNTY	Corn	All Wheat	Oats for Grain	Barley	Rye for Grain	Grain Sorghums	Sweet Sorghums	Dry Beans	Potatoes	Sugar Beets	All Hay	All Fruits	Cantaloupes and Honeydews	Field Peas	Broomcorn	Lettuce	Onions
Adams	18	8	28	9	15	15	14	5	33	5	22	10	8	28	8	8	8
Alamosa	48	41	25	28	--	--	--	43	7	22	19	--	--	--	--	14	--
Arapahoe	23	13	23	17	10	17	15	6	50	16	33	15	--	--	--	17	11
Archuleta	38	42	33	48	--	--	--	40	28	--	37	24	--	--	--	--	--
Baca	6	1	51	30	--	1	11	13	57	--	54	29	--	17	1	--	--
Bent	16	26	39	13	30	5	19	18	53	11	27	18	3	--	4	--	7
Boulder	19	14	2	7	14	--	33	29	26	6	12	9	12	10	--	25	--
Chaffee	49	48	44	35	--	--	--	39	27	--	46	39	--	6	--	5	--
Cheyenne	7	17	47	18	21	3	7	26	48	--	56	36	--	--	--	--	--
Clear Creek	46	--	59	--	--	--	--	49	--	--	60	--	--	--	--	--	--
Conejos	41	28	10	8	--	--	--	20	4	25	16	--	--	3	--	6	--
Costilla	42	35	35	21	--	--	--	24	18	--	41	--	--	2	--	4	--
Crowley	30	50	45	34	35	21	18	16	59	13	48	17	2	--	--	11	6
Custer	36	46	42	43	29	30	--	14	--	--	32	37	--	9	--	--	--
Delta	24	29	12	23	--	36	35	30	11	12	10	2	11	23	6	--	5
Dolores	37	38	52	55	--	32	28	23	38	--	59	14	--	9	--	--	--
Douglas	27	31	14	40	6	26	21	21	41	--	35	28	--	--	--	--	--
Eagle	45	40	24	38	--	--	--	12	--	--	17	32	--	16	--	7	--
Elbert	12	16	26	29	5	20	16	2	30	--	42	34	--	15	--	--	--
El Paso	15	33	11	41	3	18	12	3	25	18	38	19	--	26	--	23	15
Fremont	28	47	40	47	39	34	31	42	39	--	36	4	6	14	--	10	12
Garfield	34	24	13	31	37	35	34	37	6	15	4	6	--	25	--	15	--
Gilpin	--	56	57	57	--	--	--	45	47	--	61	--	--	18	--	18	--
Grand	47	52	41	42	25	--	--	45	--	--	21	--	--	--	--	3	--
Gunnison	--	51	48	49	38	--	--	--	40	--	9	--	--	--	--	--	--
Hinsdale	--	--	54	--	--	--	--	--	53	--	55	--	--	--	--	--	--
Huerfano	32	39	38	50	42	29	26	22	31	23	24	21	--	12	--	--	--
Jackson	--	--	53	53	--	--	--	--	46	--	3	--	--	--	--	--	--
Jefferson	29	19	9	16	27	27	32	36	22	19	29	5	13	--	--	12	10
Kiowa	10	25	58	36	22	6	2	31	56	--	58	35	14	--	5	--	--
Kit Carson	2	6	31	4	7	4	3	17	32	--	47	38	--	30	7	--	--
Lake	--	--	--	--	--	--	--	--	--	--	53	--	--	--	--	--	--
La Plata	33	20	4	22	33	31	30	27	10	--	15	7	--	19	--	24	--
Larimer	22	12	3	2	18	25	24	19	16	2	2	3	17	7	--	--	13
Las Animas	13	22	27	26	17	10	17	4	42	17	31	30	9	13	3	9	--
Lincoln	11	11	50	14	13	7	9	7	36	--	44	33	--	--	--	--	--
Logan	5	4	8	3	8	12	4	15	17	4	7	23	15	--	--	--	14
Mesa	21	23	16	32	31	24	29	10	8	14	5	1	5	--	--	21	9
Mineral	--	--	--	--	--	--	--	--	54	--	57	--	--	--	--	--	--
Moffat	35	30	20	39	12	33	27	38	23	--	26	31	--	27	--	--	--
Montezuma	31	27	6	33	23	23	25	12	13	--	25	11	10	21	--	--	--
Montrose	26	18	7	24	41	37	--	25	3	20	6	8	--	29	--	--	2
Morgan	9	15	22	5	11	11	13	8	9	3	8	26	16	8	--	--	--
Nero	25	37	21	19	28	16	22	14	55	7	23	16	1	24	--	--	1
Nurray	40	43	37	45	--	--	--	46	29	--	39	--	--	--	--	--	--
Ozark	--	55	56	56	--	--	--	--	20	--	28	--	--	--	--	22	--
Pillips	8	7	18	15	9	19	8	34	43	--	52	36	--	22	--	--	--
Pitkin	--	49	43	51	40	--	--	--	15	--	49	39	--	--	--	--	--
Prowers	20	9	29	11	20	2	10	32	60	10	20	20	18	--	2	--	--
Pueblo	14	21	30	25	26	14	20	11	52	8	30	13	4	--	--	20	3
Rio Blanco	--	36	17	44	24	--	--	--	44	--	14	36	--	--	--	--	--
Rio Grande	40	34	15	20	--	--	--	33	2	24	18	--	--	1	--	1	--
Salt	--	32	5	27	19	--	--	--	24	--	11	27	--	20	--	2	--
Saguache	50	44	34	37	--	--	--	44	5	--	13	--	--	4	--	19	--
San Miguel	39	45	46	46	34	28	36	35	35	--	45	38	--	--	--	--	--
Sandwich	17	10	19	12	16	22	23	41	21	9	40	39	--	--	--	--	--
Seminole	--	53	55	54	32	--	--	--	51	--	51	--	--	--	--	--	--
Seller	43	54	49	52	36	--	--	--	19	--	50	--	--	--	--	13	--
Washington	3	5	36	6	4	9	5	9	37	21	34	25	--	11	--	--	--
Weld	4	2	1	1	2	13	6	1	1	1	1	12	7	--	--	16	4
Windsor	1	3	32	10	1	8	1	28	34	--	43	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	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920
Fruits												
Apples -----	1,096	1,082	2,322	2,804	2,228	2,877	3,193	2,404	2,718	3,385	3,882	3,063
Peaches -----	1,503	1,369	1,765	1,117	1,709	1,271	834	1,772	1,254	1,428	1,223	1,091
Pears -----	396	249	1,082	264	737	750	717	955	696	774	745	654
Mixed Deciduous												
Fruits -----	18	25	34	22	37	44	26	62	60	99	---	---
Vegetables												
Potatoes -----	7,481	18,080	15,366	13,714	17,328	14,200	15,422	12,386	13,870	15,467	17,697	11,223
Cabbage -----	611	1,164	810	1,162	683	1,274	1,432	1,473	3,174	1,964	2,523	1,832
Celery -----	53	136	149	188	161	211	399	197	125	222	211	308
Onions -----	1,482	2,124	4,035	2,244	1,460	1,758	1,809	1,064	928	651	447	156
Lettuce -----	1,001	1,610	2,109	2,368	2,848	2,795	3,096	1,036	1,436	812	234	125
Mixed Vegetables	3,613	4,215	4,079	3,780	3,444	3,473	4,111	3,428	2,880	2,178	1,042	1,351
Cauliflower -----	1,455	1,809	1,500	843	411	220	191	61	101	4	3	---
Cantaloupes -----	2,772	4,094	3,195	2,110	2,993	3,574	3,224	2,654	2,195	4,420	3,288	2,482
Watermelons -----	87	90	31	35	34	71	80	56	55	148	149	67
Miscellaneous Melons	265	178	1,469	679	985	1,534	613	575	111	---	---	---
Dry Beans -----	1,628	4,312	2,347	1,575	1,710	1,866	2,927	1,316	1,732	427	486	333
Peas, Green -----	559	463	459	348	149	58	35	---	---	---	---	---
Carrots -----	41	43	96	216	10	62	29	26	12	4	9	1
Spinach -----	50	28	67	6	8	6	14	3	---	---	---	---
Tomatoes -----	195	138	55	59	20	27	195	77	128	94	38	138
Beans, String -----	76	165	58	3	5	1	5	---	---	---	---	---

Note—Shipments of 1931 crops of dry beans cover period from September 1, 1931, to June 1, 1932 and potato shipments cover period from July 1, 1931, to June 28, 1932.

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

CROP OF

COUNTY	1931*	1930	1929	1928	1927	1926	1925	1924
Adams -----	11	72	27	20	23	23	18	10
Arapahoe -----	85	444	196	81	155	103	158	67
†Baca -----	45	91	74	---	---	---	---	---
Crowley -----	8	50	38	48	32	11	40	3
El Paso -----	274	498	306	262	315	255	427	210
Elbert -----	224	562	227	147	138	117	255	183
†Kit Carson -----	5	32	21	---	---	---	---	---
†Larimer -----	3	---	---	---	---	---	---	---
Las Animas -----	57	95	100	37	14	37	17	20
Lincoln -----	96	246	105	114	99	51	87	58
Logan -----	2	35	37	13	16	20	37	17
Mesa -----	85	130	119	116	68	30	23	4
†Montezuma -----	24	123	83	---	---	---	---	---
Morgan -----	142	429	179	146	223	180	309	136
Otero -----	65	196	131	119	172	133	98	35
Pueblo -----	25	135	106	20	84	49	79	21
†Washington -----	24	96	30	---	---	---	---	---
Weld -----	443	1,021	501	394	344	827	1,336	530
†Yuma -----	---	28	38	---	---	---	---	---
Other Counties -----	10	29	29	58	27	30	43	22
Total Colorado -----	1,628	4,312	2,347	1,575	1,710	1,866	2,927	1,316
United States -----	14,039	18,253	18,422	15,003	13,643	17,086	19,725	14,924

*1931 crop shipments only to June 1, 1932.

†Shipments previous to 1929 crop included in "Other Counties."

‡Shipments previous to 1931 included in "Other Counties."

NUMBER AND SIZE OF FARMS AND FARM TENURE, 1931

COUNTY	No. of Farms	Average No. of Acres Per Farm	Total Farm Acreage	Owners	Renters	Home-headers	Owners and Renters
Adams	1,430	240.93	344,530	789	541	---	100
Alamosa	370	287.54	106,390	234	118	---	18
Arapahoe	750	396.75	297,560	346	285	2	117
Archuleta	330	321.64	106,140	279	41	2	8
Baca	1,420	583.93	829,180	459	548	5	408
Bent	790	344.14	271,870	284	372	14	120
Boulder	980	138.88	136,100	505	443	---	32
Chaffee	200	234.25	46,850	151	45	---	4
Cheyenne	470	483.19	227,100	197	190	---	83
Clear Creek	30	231.00	6,930	24	5	1	---
Conejos	680	113.46	77,150	541	117	---	22
Costilla	330	75.12	24,790	193	128	---	9
Crowley	560	176.07	99,040	192	323	3	42
Custer	320	465.31	148,900	233	72	7	8
Delta	1,430	83.69	119,670	1,016	393	4	17
Denver*	---	---	---	---	---	---	---
Dolores	150	298.33	44,750	142	8	---	---
Douglas	400	633.95	253,580	231	162	---	7
Eagle	360	249.06	89,660	310	41	8	1
Elbert	1,070	583.74	624,600	550	375	---	145
El Paso	950	491.26	466,700	499	367	---	84
Fremont	890	98.33	87,510	645	173	2	70
Garfield	780	196.58	153,330	538	207	7	28
Gilpin	30	360.33	10,810	18	10	2	---
Grand	230	586.22	134,830	200	27	---	3
Gunnison	290	553.93	160,640	251	28	3	8
Hinsdale	30	338.00	10,140	30	---	---	---
Huerfano	490	534.73	262,020	485	5	---	---
Jackson	240	856.33	205,520	225	13	2	---
Jefferson	1,400	143.39	200,740	965	370	---	65
Kiowa	540	541.33	292,320	228	196	---	116
Kit Carson	1,460	533.86	779,430	424	703	2	331
Lake	30	688.33	20,650	24	6	---	---
La Plata	760	260.07	197,650	427	224	---	109
Larimer	1,450	186.52	270,450	666	695	---	89
Las Animas	880	287.15	252,690	593	222	9	56
Lincoln	1,020	482.75	492,400	499	372	1	148
Logan	1,830	412.93	755,660	498	886	---	446
Mesa	2,350	69.09	162,350	1,766	484	8	92
Mineral	30	582.67	17,480	25	3	2	---
Moffat	700	487.23	341,060	545	67	42	46
Montezuma	590	206.92	122,080	375	156	12	47
Montrose	1,020	123.06	125,520	562	374	---	84
Morgan	1,360	331.82	451,280	501	695	1	163
Otero	930	114.62	106,600	436	425	---	69
Ouray	150	246.33	36,950	106	42	---	2
Park	230	729.04	167,680	174	42	13	1
Phillips	690	494.96	341,520	143	305	1	241
Pitkin	130	325.31	42,290	111	19	---	---
Prowers	1,080	313.09	338,140	397	532	2	149
Pueblo	1,190	290.10	345,220	604	406	---	180
Rio Blanco	350	605.66	211,980	348	2	---	---
Rio Grande	450	300.56	135,250	274	128	---	48
Routt	640	378.83	242,450	434	187	5	14
Saguache	350	464.43	162,550	163	165	---	22
San Juan	---	---	---	---	---	---	---
San Miguel	210	502.14	105,450	177	25	5	3
Sedgwick	550	433.85	238,620	172	270	---	108
Summit	60	396.67	23,800	56	4	---	---
Teller	180	343.00	61,740	129	47	3	1
Washington	1,600	578.88	926,210	424	682	2	492
Weld	4,420	242.90	1,073,600	1,594	2,443	1	382
Yuma	1,620	543.62	880,670	648	638	---	334
State	46,250	330.18	15,268,770	24,055	16,852	171	5,172

*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.

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

COUNTY	Number of Farms			*Increase 1925-1930		*Increase 1920-1930	
	1930 April 1	1925 Jan. 1	1920 Jan. 1	Number	Per Cent	Number	Per 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	1,680	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	9,065	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	6,309
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	252,532	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	34	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	1,927,823	96,633	11,061	22,067	1,775,163	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	1,950	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
Moro	1,298	467,846	73,665	4,235	6,046	362,536	516	20,848
Murray	178	100,925	14,461	73	1,120	77,177	424	7,730
Nark	394	535,826	43,577	1,444	2,906	477,823	3,741	6,335
Nicholls	766	390,370	253,517	15,961	16,313	94,822	328	9,429
Nitkin	180	59,888	13,526	131	721	40,085	324	5,101
North	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
Sedgewick	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	18,013
Weld	5,457	1,977,783	744,533	83,447	98,065	964,516	1,752	85,470
Windsor	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	7,731,717
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	545,162	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
Costillo	3,901,484	445,470	210,960	604,623	5,162,537	3,714,504
Crowley	5,634,640	745,380	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	762,636	293,197	653,227	4,923,394	3,691,648
Elbert	13,421,607	2,287,918	805,820	1,651,064	18,166,409	9,624,465
El Paso	13,860,102	3,058,480	819,442	1,556,672	19,294,696	13,117,166
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	10,734,495	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	653,875	373,915	968,292	7,183,507	3,031,538
Kit Carson	12,036,558	1,705,769	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	298,695	1,212,839	7,026,099	5,812,793
Larimer	25,803,740	4,556,703	1,582,892	6,239,118	38,182,453	25,930,176
Las Animas	7,635,351	1,163,629	444,808	2,410,507	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	3,887,348	1,450,900	2,426,350	27,511,816	10,866,393
Mesa	9,745,965	3,244,609	581,843	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	9,591,437	9,299,491
San Juan	(b)					
San Miguel	2,006,015	428,525	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	11,096,373	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	\$493,973,938	\$ 98,481,170	\$ 33,472,740	\$ 86,356,774	\$712,284,622	\$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	4,235,132	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	1,029,690
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	3,955,286	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.

FARM ACREAGE REPORTED UNDER VARIOUS TENURES AND TOTAL ACREAGE HARVESTED, 1931

COUNTY	Acree Owners	Acree Renters	Acree Home-headers	Acree Owners and Renters	Total Farm Acree	Total Harvested Acree	Harv. Area % of Total Area
Adams -----	156,169	141,191	----	47,170	344,530	183,920	22.77
Alamosa -----	70,870	27,818	----	7,702	106,390	54,050	11.62
Arapahoe -----	118,118	115,865	94	63,483	297,560	132,950	24.67
Archuleta -----	86,608	14,060	324	5,148	106,140	22,390	2.87
Baca -----	228,882	267,010	1,246	332,042	829,180	476,180	29.15
Bent -----	94,592	94,309	6,458	76,511	271,870	91,470	9.38
Boulder -----	62,114	67,858	----	6,128	136,100	88,590	18.12
Chaffee -----	37,274	8,348	----	1,228	46,850	14,655	2.11
Cheyenne -----	94,875	81,529	----	50,696	227,100	154,955	13.63
Clear Creek -----	5,947	886	97	----	6,930	1,335	0.58
Conejos -----	59,159	13,719	----	4,272	77,150	72,465	9.04
Costilla -----	12,624	10,550	----	1,616	24,790	35,250	4.65
Crowley -----	36,680	56,830	845	4,685	99,040	36,550	7.07
Custer -----	116,408	26,924	2,134	3,434	148,900	29,095	6.09
Delta -----	79,072	37,854	559	1,885	119,670	55,985	7.28
Denver -----	----	----	----	----	----	----	----
Dolores -----	43,035	1,715	----	----	44,750	5,840	0.87
Douglas -----	144,435	103,582	----	5,563	253,580	55,230	10.21
Eagle -----	76,998	10,444	2,087	131	89,660	28,460	2.74
Elbert -----	305,476	186,968	----	132,156	624,600	187,520	15.78
El Paso -----	224,065	176,715	----	65,930	466,700	160,600	11.83
Fremont -----	61,124	19,013	27	7,346	87,510	26,030	2.61
Garfield -----	106,033	39,036	2,599	5,662	153,330	59,140	2.97
Gilpin -----	6,853	3,597	360	----	10,810	1,540	1.82
Grand -----	119,042	12,233	----	3,555	134,830	33,090	2.77
Gunnison -----	136,752	13,089	1,120	9,679	160,640	50,300	2.47
Hinsdale -----	10,140	----	----	----	10,140	3,725	0.60
Huerfano -----	260,192	1,828	----	----	262,020	32,210	3.36
Jackson -----	195,171	9,057	1,292	----	205,520	93,270	8.93
Jefferson -----	133,462	60,439	----	6,839	200,740	46,590	9.01
Kiowa -----	114,113	101,514	----	76,693	292,320	120,390	10.46
Kit Carson -----	207,693	333,255	84	238,398	779,430	364,640	26.39
Lake -----	16,520	4,130	----	----	20,650	7,315	3.08
La Plata -----	107,885	48,983	----	40,782	197,650	51,145	4.32
Larimer -----	141,946	115,927	----	12,577	270,450	152,010	9.03
Las Animas -----	158,037	63,773	1,600	29,280	252,690	111,030	3.61
Lincoln -----	241,861	144,894	281	105,364	492,400	226,440	13.77
Logan -----	189,289	297,906	----	268,465	755,660	379,780	32.57
Mesa -----	113,189	35,629	862	12,670	162,350	72,670	3.59
Mineral -----	16,815	498	167	----	17,480	3,115	0.56
Moffat -----	245,296	37,876	20,279	37,609	341,060	47,180	1.58
Montezuma -----	73,221	31,239	2,997	14,623	122,080	55,715	4.24
Montrose -----	69,272	45,529	----	10,719	125,520	65,690	4.53
Morgan -----	147,876	191,857	162	111,985	451,280	223,855	27.20
Otero -----	52,371	45,790	----	8,439	106,600	72,125	8.95
Ouray -----	26,786	9,694	----	470	36,950	14,645	4.41
Park -----	132,655	26,490	7,707	828	167,680	45,105	3.14
Phillips -----	63,109	132,736	118	145,657	341,520	233,295	52.98
Pitkin -----	35,826	6,464	----	----	42,290	11,710	1.80
Prowers -----	120,325	145,635	265	71,915	338,140	157,910	15.14
Pueblo -----	137,468	94,180	----	113,572	345,220	99,595	6.40
Rio Blanco -----	210,734	1,246	----	----	211,980	44,490	21.57
Rio Grande -----	84,086	32,805	----	18,359	135,250	89,950	15.65
Routt -----	164,019	65,122	2,835	10,474	242,450	68,890	4.66
Saguache -----	116,278	33,636	----	12,636	162,550	94,955	4.74
San Juan -----	----	----	----	----	----	----	----
San Miguel -----	96,563	6,144	1,575	1,168	105,450	11,945	1.45
Sedgwick -----	54,848	101,968	----	81,804	238,620	142,605	41.96
Summit -----	21,638	2,162	----	----	23,800	9,080	2.19
Teller -----	46,759	13,816	406	759	61,740	13,835	3.95
Washington -----	189,861	334,929	589	400,831	926,210	376,510	23.34
Weld -----	327,653	506,572	167	239,208	1,073,600	635,770	24.70
Yuma -----	325,629	293,302	----	261,739	880,670	498,150	32.88
State -----	7,131,781	4,908,168	59,636	3,169,185	15,268,770	6,734,925	10.15

NUMBER OF FARMS REPORTING PRINCIPAL CROPS IN 1931

COUNTY	Corn	Oats	Barley	Winter Wheat	Spring Wheat	Potatoes	All Sorghums	Alfalfa	Sugar Beets
Adams	979	208	640	464	278	63	331	567	361
Alamosa	---	231	241	---	139	303	---	303	47
Arapahoe	609	124	385	284	145	15	332	276	47
Archuleta	14	245	58	52	133	271	---	272	---
Baca	1,124	7	247	648	6	---	1,185	25	---
Bent	742	79	320	92	3	1	351	471	234
Boulder	782	471	768	370	394	22	2	895	503
Chaffee	2	122	128	---	118	169	---	150	4
Cheyenne	463	25	223	42	27	---	430	2	---
Clear Creek	---	1	1	---	1	20	---	2	---
Conejos	---	238	435	18	314	509	---	321	9
Costilla	35	40	147	17	165	207	---	155	1
Crowley	475	82	211	4	15	4	177	385	273
Custer	39	187	142	16	42	172	1	21	---
Delta	889	375	294	44	532	396	2	1,197	183
Denver	---	---	---	---	---	---	---	---	---
Dolores	131	70	40	38	40	99	40	5	---
Douglas	353	300	98	98	41	85	59	217	1
Eagle	---	140	67	---	96	143	---	247	---
Elbert	1,021	429	301	219	235	432	416	243	---
El Paso	856	414	88	49	109	267	222	53	8
Fremont	546	186	124	23	105	55	23	470	2
Garfield	263	335	256	33	413	453	6	715	110
Gilpin	---	29	4	---	3	29	---	---	---
Grand	---	65	31	6	6	90	---	20	---
Gunnison	1	55	49	1	31	230	---	28	---
Hinsdale	---	1	---	---	---	8	---	4	---
Huerfano	331	185	114	34	64	11	37	246	---
Jackson	---	9	6	3	---	13	---	---	---
Jefferson	690	551	271	199	281	307	15	777	55
Kiowa	516	8	78	42	3	---	498	26	---
Kit Carson	1,414	288	1,154	521	270	878	1,213	21	---
Lake	---	---	---	---	---	---	---	---	---
La Plata	338	445	357	31	510	440	10	636	---
Larimer	848	551	1,027	295	305	159	30	1,174	907
Las Animas	774	223	161	101	93	33	395	204	35
Lincoln	966	35	461	216	225	472	710	31	---
Logan	1,592	492	1,351	783	186	709	672	595	470
Mesa	1,622	646	412	241	658	886	57	1,769	128
Mineral	---	---	---	---	---	1	---	1	---
Moffat	217	341	139	186	200	352	33	399	5
Montezuma	389	323	182	16	332	447	68	374	---
Montrose	694	489	280	36	700	735	1	911	120
Morgan	1,168	177	775	162	141	220	372	647	588
Otero	775	316	417	65	73	4	117	749	600
Ouray	1	71	37	10	82	96	---	90	---
Park	---	169	76	3	7	183	---	1	---
Phillips	644	324	438	591	15	21	460	17	---
Pitkin	---	104	18	---	71	105	---	69	---
Prowers	888	97	526	---	9	1	688	552	267
Pueblo	974	236	258	134	117	10	271	717	270
Rio Blanco	2	185	39	49	134	237	---	272	---
Rio Grande	---	289	308	---	152	433	---	279	8
Routt	---	393	294	72	194	222	---	252	1
Saguache	---	189	199	15	61	102	---	123	---
San Juan	---	71	80	34	39	39	13	91	---
San Miguel	37	71	80	34	39	39	13	91	---
Sedgwick	456	194	371	347	6	177	81	164	130
Summit	---	14	9	---	5	28	---	2	---
Teller	1	169	38	1	3	167	---	3	---
Washington	1,361	198	1,076	650	226	318	881	76	52
Weld	2,912	1,151	3,070	905	826	1,892	347	2,852	2,767
Yuma	1,523	234	528	771	66	471	1,240	40	---
State	30,457	13,626	19,848	9,031	9,445	14,212	11,786	21,204	8,186

PER CENT OF HARVESTED AREA DEVOTED TO PRINCIPAL CROPS IN 1931

COUNTY	Corn	Oats	Barley	Winter Wheat	Spring Wheat	Pota- toes	Dry Beans	All Sor- ghums	Al- falfa	Sugar Beets
Adams -----	23.59	0.87	6.79	26.15	3.03	0.13	13.91	2.93	9.15	6.17
Alamosa -----	0.02	3.83	4.46	0.09	2.44	10.43	0.02	-----	21.92	1.26
Arapahoe -----	23.35	1.81	7.17	27.45	4.20	0.01	15.30	3.78	9.74	0.88
Archuleta -----	4.20	9.62	1.38	1.65	5.85	1.83	0.18	-----	21.35	-----
Baca -----	22.86	0.04	1.44	49.86	0.07	-----	1.28	14.82	0.34	-----
Bent -----	31.40	0.87	5.20	4.09	0.12	0.01	2.27	14.58	28.33	4.72
Boulder -----	16.28	5.99	10.63	9.78	6.56	0.28	0.47	0.01	27.69	11.95
Chaffee -----	0.07	4.23	8.05	0.20	3.28	3.17	0.27	-----	29.00	-----
Cheyenne -----	65.18	0.51	7.57	9.83	1.67	0.04	0.63	11.43	0.38	-----
Clear Creek -----	0.75	0.75	-----	-----	-----	2.62	-----	-----	0.74	-----
Conejos -----	0.17	3.24	9.80	0.19	5.52	9.91	0.75	-----	21.04	0.07
Costilla -----	0.23	2.55	8.94	0.74	5.22	4.74	1.19	-----	17.08	-----
Crowley -----	25.72	1.37	3.39	0.25	0.49	0.01	7.50	8.04	23.37	15.83
Custer -----	2.68	4.16	2.99	1.44	0.76	12.44	-----	0.09	7.60	-----
Delta -----	9.11	3.57	3.64	0.70	5.29	2.30	0.29	0.02	48.37	4.14
Denver -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dolores -----	19.52	8.56	1.88	17.29	6.68	3.34	18.32	2.40	5.31	-----
Douglas -----	31.90	12.71	2.55	8.91	1.50	0.53	3.06	1.36	16.13	-----
Eagle -----	0.04	4.22	1.97	0.88	2.46	4.06	-----	-----	34.75	-----
Elbert -----	32.24	3.15	4.26	10.24	3.60	0.41	27.21	2.21	5.06	-----
El Paso -----	38.54	5.19	0.82	1.64	2.01	0.48	25.37	3.51	3.66	0.69
Fremont -----	15.90	4.15	1.50	0.45	1.31	1.00	0.15	0.27	28.39	-----
Garfield -----	1.83	3.55	3.25	0.91	8.54	4.94	0.05	0.04	65.02	2.91
Gilpin -----	-----	3.90	0.65	-----	0.65	5.19	1.30	-----	-----	-----
Grand -----	0.03	2.24	1.15	0.21	0.06	0.39	-----	-----	2.57	-----
Gunnison -----	-----	0.79	0.54	0.08	0.18	0.41	-----	-----	4.55	-----
Hinsdale -----	-----	1.61	-----	-----	-----	0.13	-----	-----	1.88	-----
Huerfano -----	16.64	3.48	0.99	2.36	2.08	1.21	4.07	0.93	44.89	0.12
Jackson -----	-----	0.12	0.05	-----	-----	0.08	-----	-----	0.01	-----
Jefferson -----	10.37	8.09	8.50	11.05	6.61	1.30	0.24	0.21	32.93	1.59
Kiowa -----	63.59	0.07	3.56	5.57	0.17	0.01	0.37	22.95	1.35	-----
Kit Carson -----	46.97	1.03	15.99	17.52	5.01	0.16	0.86	5.80	0.44	-----
Lake -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata -----	4.58	8.45	4.85	1.88	15.43	2.75	1.41	0.18	41.04	-----
Larimer -----	9.01	3.30	10.61	12.16	3.17	0.56	0.91	0.29	28.39	14.60
Las Animas -----	37.31	2.33	4.21	4.89	0.74	0.15	14.59	7.42	14.55	1.07
Lincoln -----	39.46	0.22	8.60	19.04	3.32	0.15	11.50	8.58	0.86	-----
Logan -----	20.65	1.52	11.06	31.64	1.69	0.37	1.22	2.55	6.36	4.86
Mesa -----	12.76	2.97	2.37	2.37	3.43	2.90	4.60	0.33	45.33	2.38
Mineral -----	-----	-----	-----	-----	-----	0.16	-----	-----	0.32	-----
Moffat -----	3.48	7.50	2.16	8.29	6.19	2.01	0.15	0.36	27.87	-----
Montezuma -----	11.00	9.41	3.45	2.69	11.06	2.92	15.78	0.79	-----	-----
Montrose -----	7.11	5.60	3.53	1.11	11.28	7.96	0.52	0.01	51.94	1.25
Morgan -----	36.54	0.91	7.08	9.86	3.57	0.80	7.04	2.81	10.25	10.36
Otero -----	14.92	2.36	4.82	1.14	0.47	0.01	4.02	2.26	26.14	16.21
Ouray -----	1.78	6.15	2.80	2.32	5.67	1.74	0.07	-----	24.31	-----
Park -----	-----	0.29	0.04	-----	0.04	4.06	-----	-----	0.04	-----
Phillips -----	35.54	2.74	7.12	46.96	0.28	0.05	0.09	2.65	0.19	-----
Pitkin -----	-----	3.59	0.51	0.26	2.13	7.39	-----	-----	26.81	-----
Prowers -----	19.73	1.01	6.65	21.37	0.29	-----	0.15	17.19	22.89	5.00
Pueblo -----	30.00	1.62	3.00	8.66	0.92	0.02	15.30	3.30	18.01	7.57
Rio Blanco -----	-----	4.65	1.03	2.74	2.97	0.21	-----	-----	42.23	-----
Rio Grande -----	0.03	4.12	5.51	0.04	3.57	16.26	0.12	-----	10.17	0.09
Routt -----	-----	13.06	6.40	2.05	4.95	1.73	-----	-----	14.33	-----
Saguache -----	0.01	2.38	1.91	0.05	1.18	7.48	0.01	-----	7.52	-----
San Juan -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel -----	3.18	2.51	4.77	5.19	2.34	1.59	1.93	0.42	33.65	-----
Sedgwick -----	25.46	2.95	10.32	46.08	0.15	0.52	0.04	0.53	3.26	3.42
Summit -----	-----	0.99	0.88	0.22	0.22	0.33	-----	-----	0.33	-----
Teller -----	0.29	2.82	0.65	0.22	0.07	13.55	-----	-----	1.16	-----
Washington -----	42.64	0.93	12.13	21.69	2.46	0.09	4.39	3.72	0.81	0.12
Weld -----	15.95	1.92	11.00	16.85	3.83	4.11	7.39	1.23	15.03	13.53
Yuma -----	53.67	0.70	3.87	25.32	0.59	0.07	0.22	5.66	0.50	-----
State -----	27.26	2.20	6.80	18.08	2.61	1.50	4.75	4.59	11.03	3.36

PERCENTAGE OF CROPS GROWN WITH AND WITHOUT IRRIGATION, 1931

COUNTY	CORN		OATS		BARLEY		POTATOES		DRY BEANS	
	% Irrigated	% Non-Irrigated								
Adams	8.1	91.9	80.3	19.7	23.3	76.7	88.0	12.0	2.0	98.0
Alamosa	100.0	---	100.0	---	100.0	---	100.0	---	100.0	---
Arapahoe	3.2	96.8	48.5	51.5	12.0	88.0	20.0	80.0	1.0	99.0
Archuleta	2.9	97.1	17.8	82.2	39.3	60.7	20.0	80.0	8.0	92.0
Baca	.3	99.7	38.1	61.9	3.9	96.1	---	100.0	1.0	99.0
Bent	44.8	55.2	98.8	1.2	96.3	3.7	---	100.0	14.0	86.0
Boulder	79.9	20.1	99.1	.9	94.7	5.3	98.0	2.0	24.0	76.0
Chaffee	---	100.0	98.6	1.4	99.0	1.0	100.0	---	100.0	---
Cheyenne	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Clear Creek	100.0	---	---	100.0	---	---	23.0	77.0	---	---
Conejos	100.0	---	100.0	---	100.0	---	100.0	---	100.0	---
Costilla	100.0	---	100.0	---	100.0	---	100.0	---	100.0	---
Crowley	43.0	57.0	86.9	13.1	97.0	3.0	---	100.0	11.0	89.0
Custer	16.8	83.2	33.4	66.6	50.1	49.9	6.0	94.0	---	---
Delta	99.9	.1	100.0	---	100.0	---	100.0	---	82.0	18.0
Denver	---	---	---	---	---	---	---	---	---	---
Dolores	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Douglas	1.3	98.7	2.3	97.7	10.5	89.5	---	100.0	---	100.0
Eagle	80.0	20.0	98.2	1.8	89.6	10.4	99.0	1.0	---	---
Elbert	100.0	---	100.0	---	100.0	---	---	100.0	---	100.0
El Paso	.9	99.1	.4	99.6	10.5	89.5	1.0	99.0	1.0	99.0
Fremont	74.8	25.2	39.9	60.1	67.4	32.6	7.0	93.0	36.0	64.0
Garfield	85.5	14.5	91.0	9.0	91.3	8.7	98.0	2.0	100.0	---
Gilpin	---	---	---	100.0	---	100.0	---	100.0	---	100.0
Grand	100.0	---	90.4	9.6	85.2	14.8	13.0	87.0	---	---
Gunnison	---	---	25.5	74.5	35.2	64.8	35.0	65.0	---	---
Hinsdale	---	---	100.0	---	---	---	75.0	25.0	---	---
Huerfano	16.1	83.9	41.2	58.8	41.3	58.7	24.0	76.0	7.0	93.0
Jackson	---	---	49.0	51.0	92.6	7.4	18.0	82.0	---	---
Jefferson	65.0	35.0	49.2	50.8	80.4	19.6	39.0	61.0	34.0	66.0
Kiowa	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Kit Carson	---	100.0	---	100.0	.2	99.8	---	100.0	1.0	99.0
Lake	---	---	---	---	---	---	---	---	---	---
La Plata	28.0	72.0	78.3	21.7	77.4	22.6	98.0	2.0	11.0	89.0
Larimer	59.2	40.8	87.5	12.5	86.7	13.3	93.0	7.0	51.0	49.0
Las Animas	9.8	90.2	33.5	66.5	35.9	64.1	11.0	89.0	17.0	83.0
Lincoln	---	100.0	---	100.0	.4	99.6	---	100.0	---	100.0
Logan	8.9	91.1	38.3	61.7	23.2	76.8	26.0	74.0	7.0	93.0
Losa	94.9	5.1	90.7	9.3	96.2	3.8	84.0	16.0	86.0	14.0
Mineral	---	---	---	---	---	---	100.0	---	---	---
Moffat	.4	99.6	11.3	88.7	12.7	87.3	9.0	91.0	---	100.0
Montezuma	19.6	80.4	69.8	30.2	49.7	50.3	51.0	49.0	15.0	85.0
Montrose	100.0	---	98.1	1.9	95.4	4.6	99.0	1.0	98.0	2.0
Morgan	11.5	88.5	58.9	41.1	52.4	47.6	98.0	2.0	7.0	93.0
Nether	87.4	12.6	99.7	.3	95.5	4.5	100.0	---	96.0	4.0
Nunata	---	100.0	87.9	12.1	37.2	62.8	64.0	36.0	---	100.0
Otero	---	---	---	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	37.7	62.3	68.0	32.0	53.2	46.8	---	100.0	36.0	64.0
Pueblo	37.6	62.4	54.1	45.9	77.4	22.6	---	100.0	10.0	90.0
Rio Blanco	---	---	74.4	25.6	19.9	80.1	81.0	19.0	---	---
Rio Grande	100.0	---	100.0	---	100.0	---	100.0	---	100.0	---
Sout	---	---	2.6	97.4	1.2	98.8	4.0	96.0	---	---
Saguache	100.0	---	100.0	---	100.0	---	100.0	---	100.0	---
San Juan	---	---	---	---	---	---	---	---	---	---
San Miguel	22.1	77.9	50.1	49.9	17.4	82.6	10.0	90.0	---	100.0
Sedgewick	6.8	93.2	20.3	79.7	16.9	83.1	76.0	24.0	---	100.0
Summit	---	---	39.3	60.7	12.0	88.0	---	100.0	---	---
Teller	---	100.0	---	100.0	---	100.0	---	100.0	---	---
Washington	.3	99.7	6.1	93.9	1.8	98.2	4.0	96.0	---	100.0
Weld	25.8	74.2	74.6	25.4	64.1	35.9	97.0	3.0	28.0	72.0
Yuma	.1	99.9	---	100.0	---	100.0	9.0	91.0	---	100.0
State	8.5	91.5	46.8	53.2	32.6	67.4	81.7	18.3	9.5	90.5

AVERAGE YIELD, IN BUSHELS, OF PRINCIPAL CROPS PER ACRE FOR FIVE YEARS
ENDING WITH 1931

COUNTY	CORN		BARLEY		WINTER WHEAT		SPRING WHEAT		POTATOES	
	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated
Adams	34.34	12.29	38.22	14.07	28.21	11.02	28.53	8.34	117.82	43.08
Alamosa	29.33	---	28.63	---	25.25	---	22.44	---	159.22	---
Arapahoe	33.21	12.93	37.45	13.34	28.55	11.81	26.40	8.41	112.31	55.80
Archuleta	31.34	12.21	32.80	16.12	27.27	12.30	26.70	10.77	113.84	70.57
Baca	29.54	12.78	27.07	9.11	28.18	11.90	21.00	4.89	---	76.67
Bent	35.68	12.53	34.70	12.23	32.67	11.80	27.87	8.33	99.00	53.75
Boulder	32.90	14.99	39.35	18.19	31.11	15.78	28.81	12.68	133.24	51.00
Chaffee	41.00	11.50	32.44	12.00	25.00	18.00	24.56	---	122.25	---
Cheyenne	---	12.36	---	10.72	---	7.91	---	6.23	---	59.36
Clear Creek	29.67	22.00	34.00	21.00	---	---	---	---	100.00	54.04
Conejos	28.90	---	31.48	---	24.89	---	22.98	---	155.27	---
Costilla	30.37	11.00	29.53	---	30.61	---	22.56	12.00	106.39	40.00
Crowley	35.84	11.80	34.59	9.86	30.63	---	23.60	12.00	60.00	48.52
Custer	34.48	14.88	29.06	12.63	28.80	14.09	25.48	11.07	114.05	85.88
Delta	40.43	17.03	39.45	18.20	31.62	14.59	28.94	10.09	128.32	66.29
Denver	---	---	---	---	---	---	---	---	---	---
Dolores	---	13.30	---	14.29	25.00	11.21	---	9.54	---	56.62
Douglas	30.29	14.79	29.95	17.00	24.57	12.94	24.90	10.49	---	60.10
Eagle	34.20	---	40.75	18.87	23.60	16.74	31.62	15.17	207.22	75.69
Elbert	---	13.10	38.00	12.19	23.00	10.96	27.00	8.64	---	59.30
El Paso	31.40	12.42	31.80	11.59	28.71	12.26	24.75	7.89	91.43	63.91
Fremont	39.24	14.70	36.17	14.04	29.36	11.00	25.58	10.28	104.00	61.04
Garfield	37.37	15.37	36.42	16.54	31.87	14.33	29.21	13.52	180.12	68.04
Gilpin	---	---	---	15.88	---	---	---	9.00	---	52.44
Grand	29.00	---	39.62	15.22	29.14	12.83	29.10	14.00	131.84	41.33
Gunnison	30.00	---	35.67	15.24	20.33	13.71	28.56	14.09	142.79	69.36
Hinsdale	---	---	35.00	---	---	---	---	---	129.26	---
Huerfano	29.03	12.40	36.15	14.94	28.57	11.60	23.07	8.37	114.58	79.52
Jackson	21.00	---	32.77	23.00	---	---	28.00	---	94.00	101.12
Jefferson	30.29	14.25	35.81	14.27	30.81	15.26	28.69	11.65	132.39	68.37
Kiowa	---	12.12	33.00	8.99	30.00	10.89	26.67	4.45	115.00	50.67
Kit Carson	30.00	12.67	32.00	11.74	24.00	8.64	24.00	6.37	---	52.08
Lake	---	---	---	---	---	---	---	---	---	---
La Plata	30.97	14.89	34.78	14.38	29.71	12.73	25.09	11.14	145.22	74.83
Larimer	33.06	14.88	43.04	16.94	32.00	16.72	29.94	12.57	140.92	66.04
Las Animas	35.02	11.02	31.38	8.81	26.87	8.41	23.42	5.42	138.60	60.01
Lincoln	32.00	12.33	28.36	9.61	30.00	9.02	20.47	6.56	85.00	53.07
Logan	33.23	14.88	37.64	15.39	29.39	11.52	27.40	9.16	129.45	65.36
Mesa	39.49	13.89	34.76	15.21	31.33	12.76	27.35	9.90	107.30	54.38
Mineral	---	---	37.40	---	---	---	---	---	135.29	---
Moffat	25.36	14.84	39.87	20.57	29.60	16.02	28.63	13.49	132.78	68.19
Montezuma	30.04	14.66	31.07	13.78	26.03	12.56	23.35	10.47	129.90	63.32
Montrose	38.74	15.96	36.55	13.39	32.67	14.11	30.16	9.32	145.67	46.74
Morgan	35.60	12.65	41.40	14.68	27.45	10.66	28.11	7.99	161.28	57.71
Otero	36.99	12.86	34.28	10.14	33.21	11.01	27.95	6.04	84.50	59.00
Ouray	40.03	10.00	38.15	15.51	28.38	14.28	29.21	12.03	137.84	59.03
Park	---	---	---	17.46	---	10.14	---	9.15	80.00	63.07
Phillips	---	16.47	---	16.81	---	12.69	---	8.55	---	73.23
Pitkin	35.00	---	36.98	18.00	28.43	20.00	32.67	14.00	183.20	---
Prowers	32.56	11.21	33.91	9.82	29.99	10.96	29.20	4.79	84.80	40.75
Pueblo	35.89	12.01	35.58	11.34	30.13	10.32	28.95	7.09	75.00	68.50
Rio Blanco	25.76	14.58	36.42	22.30	31.78	18.12	26.33	15.15	121.10	95.44
Rio Grande	29.00	---	28.38	---	30.27	---	22.40	---	177.77	---
Routt	27.33	15.00	42.17	24.07	30.61	20.47	27.05	18.48	167.94	81.74
Saguache	26.33	---	27.90	---	32.83	---	19.75	---	163.32	---
San Juan	---	---	---	---	---	---	---	---	---	---
San Miguel	35.34	14.42	37.43	16.82	27.47	14.66	25.81	10.74	141.72	69.35
Sedgwick	33.83	16.33	37.64	18.26	31.17	13.55	24.98	10.20	137.65	55.20
Summit	---	---	34.77	15.11	26.43	10.18	25.50	9.00	138.11	61.73
Teller	---	17.00	---	17.74	---	17.28	---	11.12	---	69.90
Washington	33.56	13.66	37.15	12.57	28.28	8.93	25.62	5.93	106.71	56.72
Weld	34.14	12.53	41.85	14.49	30.06	12.74	27.58	9.55	144.75	58.77
Yuma	29.05	14.70	38.23	13.85	26.00	12.12	26.62	6.78	126.86	61.07
State	34.99	13.43	37.76	13.48	30.35	11.41	27.26	8.63	156.37	67.09

ACREAGE, PRODUCTION AND VALUE OF WHEAT IN COLORADO, 1880-1931

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushels	Value	Value per 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	134,074	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
1896	213,221	24.0	5,117,544	.70	3,582,281	16.80
1897	255,877	26.3	6,729,565	.56	3,768,556	14.73
1898	309,611	23.7	7,337,781	.57	4,182,535	13.51
1899	318,899	22.6	7,207,117	.59	4,252,199	13.33
1900	312,521	24.1	7,531,756	.67	5,046,277	16.15
1901	293,770	18.0	5,287,800	.75	3,965,895	13.50
1902	279,082	26.6	7,423,581	.66	4,899,563	17.56
1903	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
1916	600,000	22.6	13,536,000	1.93	26,124,000	43.55
1917	1,250,000	12.3	15,400,000	1.95	30,030,000	24.02
1918	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	1,265,000	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	1,539,000	11.7	17,934,000	.93	16,632,000	10.81
1930	1,632,000	14.3	23,356,000	.53	12,420,000	7.61
1931	1,394,000	11.9	16,552,000	.43	7,176,000	5.15

ACREAGE, PRODUCTION AND VALUE OF CORN IN COLORADO, 1880-1931

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushel	Value	Value per 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-----	21,237	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-----	172,997	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	1,695,000	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-----	1,132,000	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-----	1,533,000	14.5	22,228,000	.75	16,671,000	10.87
1930-----	1,732,000	22.5	38,970,000	.62	24,161,000	13.95
1931-----	1,836,000	10.5	19,278,000	.40	7,711,000	4.20

ACREAGE, PRODUCTION AND VALUE OF OATS FOR GRAIN IN COLORADO, 1880-1931

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushel	Value	Value per 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	706,500	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	87,310	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	3,660,227	.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	.48	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	13.50
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	335,000	14.0	4,690,000	.92	2,826,000	8.44
1930	308,000	13.5	4,158,000	.54	2,176,000	7.06
1931	176,000	14.0	1,936,000	.46	1,021,000	5.80

ACREAGE, PRODUCTION AND VALUE OF BARLEY IN COLORADO, 1880-1931

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushel	Value	Value per 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	17.28
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	.60	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	24,000	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	608,000	18.0	10,944,000	.54	5,910,000	9.72
1930	572,000	21.5	12,298,000	.40	4,919,000	8.60
1931	458,000	15.5	7,099,000	.31	2,201,000	4.81

ACREAGE, PRODUCTION AND VALUE OF RYE IN COLORADO, 1880-1931

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushel	Value	Value per 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	.68	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	1,043,000	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	64,000	8.0	512,000	.71	364,000	5.69
1930	74,000	8.5	629,000	.37	233,000	3.15
1931	53,000	7.0	371,000	.31	115,000	2.17

ACREAGE, PRODUCTION AND VALUE OF POTATOES IN COLORADO, 1880-1931

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushel	Value	Value per 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	3,491,800	.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	41.58
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	78.03
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	90,000	163.0	14,670,000	1.10	16,137,000	179.30
1930	92,000	190.0	17,480,000	.60	10,488,000	114.00
1931	101,000	95.0	9,595,000	.30	2,878,000	28.50

ACREAGE, PRODUCTION AND VALUE OF TAME HAY IN COLORADO, 1880-1931

YEAR	Acres	Yield per Acre, Tons	Production, Tons	Price per Ton	Value	Value per 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	1,548,818	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	481,621	1.48	714,555	9.10	6,502,450	13.51
1890	530,684	1.37	727,037	9.00	6,543,333	12.33
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	2.98	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	1,243,093	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	19.88
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	24.44
1929	1,255,000	1.80	2,255,000	11.50	25,932,000	20.66
1930	1,292,000	1.71	2,215,000	9.20	20,378,000	15.77
1931	1,258,000	1.31	1,647,000	7.60	12,517,000	9.95

SUGAR BEET PRODUCTION IN COLORADO, 1905 TO 1931, 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	1,487,333	---	---	---	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	51,400	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	11.32	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	11.92	229,274	14
1914	135,400	12.60	1,706,300	5.68	9,692,000	71.53	15.35	220,799	13
1915	171,200	11.03	1,888,900	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	83.73	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	10.35	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	9.93	1,466,000	7.79	11,426,000	77.16	14.66	183,000	15
1923	164,000	12.15	1,996,000	8.15	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	1,640,000	5.98	9,815,000	75.50	14.25	211,000	16
1926	211,000	13.80	2,912,000	7.32	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	373,900	18
1928	179,000	13.40	2,394,000	6.97	16,687,000	93.22	16.51	384,261	18
1929	210,000	12.44	2,612,000	6.95	18,106,000	86.22	14.51	348,000	18
1930	242,000	13.69	3,312,000	6.94	22,873,000	94.52	14.10	407,000	17
1931	226,000	11.23	2,537,000	5.50	13,954,000	61.74	15.50	360,000	17

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 Johnstown.

COLORADO'S POSITION IN SUGAR BEET PRODUCTION OF THE UNITED STATES,
1911-1930 INCLUSIVE

	Acres Harvested	% of U. S. Total	Av. Yield Tons	Tons Beets Harvested	% of U. S. Total	Total Farm Value ³	% of U. S. Total	Av. Value Per Acre ³
Colorado -----	3,522,000	26.7	11.76	41,485,000	30.9	\$ 307,598,000	30.3	\$87.34
Michigan -----	2,191,000	16.6	7.99	17,499,000	13.1	132,918,000	13.1	60.67
California -----	1,863,000	14.1	9.23	17,190,000	12.8	140,398,000	13.8	75.36
Utah -----	1,313,000	10.0	11.42	14,995,000	11.2	112,146,000	11.0	85.41
Nebraska -----	999,000	7.6	11.74	11,731,000	8.7	90,969,000	9.0	91.06
Idaho -----	661,000	5.0	9.79	6,474,000	4.8	48,337,000	4.8	73.13
Montana and Wyoming ¹ -----	555,000	4.2	11.19	6,209,000	4.6	46,705,000	4.6	84.15
Other States ² -----	2,076,000	15.8	8.91	18,498,000	13.9	135,839,000	13.4	65.43
United States -----	13,180,000	100.0	10.17	134,081,000	100.0	\$1,014,910,000	100.0	\$77.00

COLORADO'S POSITION IN PRODUCTION AND MANUFACTURE OF BEET SUGAR IN THE UNITED STATES, 1911-1930 INCLUSIVE

	No. Factories ⁴	Av. Lbs. Sugar Per Acre	Tons Sugar Manufactured	% of U. S. Total	Lbs. Sugar Per Ton of Beets	Farm Recept. in Cts. Per Lb. of Sugar
Colorado -----	17	3,078.4	5,421,000	30.7	261.3	2.84
Michigan -----	10	1,974.4	2,163,000	12.3	247.2	3.07
California -----	5	2,958.7	2,756,000	15.6	320.6	2.55
Utah -----	8	2,875.9	1,888,000	10.7	251.8	2.97
Nebraska -----	7	2,924.9	1,461,000	8.3	249.1	3.11
Idaho -----	7	2,835.1	937,000	5.3	289.5	2.58
Montana and Wyoming ¹ -----	9	3,023.4	839,000	4.8	270.3	2.78
Other States ² -----	15	2,094.4	2,174,000	12.3	235.1	3.12
United States -----	78	2,676.6	17,659,000	100.0	263.1	2.88

¹Montana and Wyoming first appeared in sugar beet statistics in 1922. Data from these states continue from that year.

²Includes Iowa, Minnesota, Kansas, Indiana, South Dakota, Ohio, Wisconsin and Washington.

³Value is exclusive of beet tops, which have a high feed value.

⁴Numbers 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 the preceding page.

ACREAGE, PRODUCTION AND VALUE OF WILD HAY IN COLORADO, 1909-1931

Year	Acres	Yield per Acre, Tons	Production, Tons	Price per Ton	Value	Value 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	7.90	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	16.39
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	362,000	.95	344,000	10.30	3,543,000	9.79
1930	366,000	1.00	366,000	8.80	3,221,000	8.80
1931	362,000	.80	290,000	7.50	2,175,000	6.01

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

ACREAGE, PRODUCTION AND VALUE OF DRY BEANS IN COLORADO, 1914-1931

Year	Acres	Yield per Acre, Bus.	Production, Bus.	Price per Bu.	Value	Value 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	372,000	6.0	2,232,000	2.70	6,026,000	16.20
1930	432,000	10.0	4,320,000	1.35	5,832,000	13.50
1931	320,000	4.3	1,376,000	1.08	1,487,000	4.65

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.

ACREAGE, PRODUCTION AND VALUE OF BROOM CORN IN COLORADO, 1915-1931

Year	Acres	Yield per Acre, Pounds	Production, Tons	Price per Ton	Value	Value per Acre
1915	18,000	500	4,550	\$ 75.00	\$ 341,000	\$18.74
1916	25,000	224	2,835	156.00	442,000	17.54
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	64,000	286	9,200	112.00	1,030,000	16.09
1930	77,000	270	10,400	51.00	530,000	6.88
1931	46,000	250	5,800	42.00	244,000	5.30

ACREAGE, PRODUCTION AND VALUE OF DRY ONIONS IN COLORADO, 1918-1931

Year	Acres	Yield per Acre, Bus.	Production, Bus.	Price per Bu.	Value	Value 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
1931	4,050	228	923,000	.74	683,000	168.64

ACREAGE, PRODUCTION AND VALUE OF WATERMELONS IN COLORADO, 1918-1931

Year	Acres	Yield per Acre, Number	Production, Carloads	Price per Car	Value	Value 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	123	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	1,070	300	321	165	53,000	49.53
1930	1,070	320	342	170	58,000	54.21
1931	1,120	300	336	150	50,000	44.64

PRODUCTION, MARKET PRICE AND VALUE OF APPLES AND PEACHES IN COLORADO,
1910-1931

Year	APPLES			PEACHES		
	Production, Bus.	Price per Bu.	Value	Production, Bus.	Price 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-----	2,300,000	.95	2,185,000	953,000	1.45	1,382,000
1930-----	1,060,000	.85	901,000	737,000	1.45	1,141,000
1931-----	2,090,000	.60	1,254,000	1,130,000	.50	565,000

PRODUCTION, PRICE AND VALUE OF PEARS IN COLORADO, 1910-1931

Year	Production, Bus.	Price 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-----	600,000	1.50	900,000
1930-----	146,000	1.30	190,000
1931-----	385,000	.60	231,000

No prices published for 1914-15-16.

ACREAGE, PRODUCTION AND VALUE OF CUCUMBERS FOR PICKLES IN COLORADO,
1918-1931

Year	Acres	Yield per Acre, Bus.	Production, Bus.	Price per Bu.	Value	Value 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	177,000	.87	154,000	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	68.92
1931	1,820	128	233,000	.48	112,000	61.54

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

ACREAGE, PRODUCTION AND VALUE OF SNAP BEANS FOR MANUFACTURE IN
COLORADO, 1918-1931

Year	Acres	Yield per Acre, Tons	Production, Tons	Price per Ton	Value	Value 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	3.2	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	2,100	4.0	8,400	60.00	504,000	240.00
1931	1,050	1.9	2,000	43.20	86,000	81.90

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

ACREAGE, PRODUCTION AND VALUE OF CANTALOUPE IN COLORADO, 1918-1931

Year	Acres Harvested	Yield per Acre, Crates	Production, Crates	Price per Crate	Value	Value 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	206.50
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
1931	8,100	140	1,134,000	.85	964,000	119.01

ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR TABLE USE,
1918-1931

Year	Acres	Yield per Acre, Bus.	Production, Bushels	Price per Bu.	Value	Value per Acre
1918.....	610	286	174,000	\$1.60	\$ 278,000	\$455.73
1919.....	650	321	209,000	1.29	270,000	416.45
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	143,000	1.29	191,000	389.93
1923.....	970	214	208,000	1.76	366,000	377.35
1924.....	350	228	80,000	1.13	90,000	257.14
1925.....	580	303	176,000	1.20	211,000	363.80
1926.....	410	268	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.....	1,070	310	332,000	.97	322,000	300.93
1930.....	1,230	320	394,000	.89	315,000	256.10
1931.....	1,290	286	369,000	.60	221,000	171.32

ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR
MANUFACTURE, 1918-1931

Year	Acres	Yield per Acre, Tons	Production, Tons	Price per Ton	Value	Value 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	54.30
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
1931.....	2,500	7.0	17,500	10.50	184,000	73.60

ACREAGE, PRODUCTION AND VALUE OF CELERY IN COLORADO, 1918-1931

Year	Acres	Yield per Acre, Crates	Production, Crates	Price per Crate	Value	Value 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	863.85
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.....	940	300	282,000	1.70	479,000	509.56
1928.....	900	300	270,000	1.65	446,000	495.56
1929.....	1,100	240	264,000	1.10	290,000	263.64
1930.....	950	260	247,000	.90	222,000	233.68
1931.....	950	220	209,000	1.20	251,000	264.21

ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS GROWN IN COLORADO
FOR TABLE USE, 1922-1931

Year	Acres	Yield per Acre, Hampers	Production, Hampers	Price per Hamper	Value	Value per Acre
1922	300	45	14,000	\$1.55	\$ 22,000	\$ 73.33
1923	380	75	28,000	1.44	40,000	105.27
1924	350	80	68,000	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	7,100	81	575,000	1.30	748,000	105.35
1930	5,820	75	436,000	1.65	719,000	123.54
1931	6,500	75	488,000	1.45	708,000	108.92

ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS FOR MANUFACTURE IN
COLORADO, 1922-1931

Year	Acres	Yield per Acre, Pounds	Production, Tons	Price per Ton	Value	Value per Acre
1922	2,940	1,400	2,100	\$65.00	\$186,000	\$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	1,820	3,367	46.00	155,000	41.89
1931	3,500	1,480	2,590	46.00	119,000	34.00

ACREAGE, PRODUCTION AND VALUE OF CABBAGE IN COLORADO, 1918-1931

Year	Acres Harvested	Yield per Acre, Tons	Production, Tons	Price per Ton	Value	Av. Value 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	51.32
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
1931	3,550	8.2	29,200	15.55	454,000	127.89

ACREAGE, PRODUCTION AND VALUE OF LETTUCE IN COLORADO, 1918-1931

Year	Acres	Yield per Acre, Crates	Production, Crates	Price per Crate	Value	Value 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	328,000	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	8,100	110	891,000	1.25	1,114,000	137.53
1930	7,440	90	670,000	.85	570,000	76.61
1931	6,650	90	598,000	1.30	777,000	116.84

ACREAGE, PRODUCTION AND VALUE OF CAULIFLOWER IN COLORADO, 1922-1931

Year	Acres	Yield per Acre, Crates	Production, Crates	Price per Crate	Value	Value 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	8,200	360	1,152,000	.70	806,000	251.88
1930	2,800	320	896,000	.80	717,000	256.07
1931	3,900	260	1,014,000	.70	710,000	182.05

ACRES, PRODUCTION AND VALUE OF GRAIN SORGHUMS IN COLORADO, 1919-1931

Year	Acres	Yield per Acre, Bus.	Production, Bushels	Price per Bu.	Value	Value per Acre
1919	233,000	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	.62	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	175,000	10.5	1,838,000	.80	1,470,000	8.40
1930	180,000	13.0	2,340,000	.50	1,170,000	6.50
1931	191,000	11.0	2,101,000	.23	483,000	2.53

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

ACRES OF ALL FARM LAND* RETURNED ANNUALLY FOR ASSESSMENT IN COLORADO
FOR 1915, 1920, 1928, 1929, 1930 AND 1931

COUNTY	1931	1930	1929	1928	1920	1915
Adams	739,019	742,427	750,104	750,430	737,123	629,707
Alamosa	299,085	316,144	322,280	321,286	307,800	334,500
Arapahoe	501,362	497,502	491,810	492,410	490,550	441,447
Archuleta	253,445	246,445	311,076	323,702	257,141	249,577
Baca	1,533,545	1,533,420	1,532,020	1,529,257	1,137,896	540,620
Bent	785,185	790,914	772,596	750,115	446,787	189,325
Boulder	262,248	260,922	264,239	258,880	251,790	232,766
Chaffee	101,315	99,954	98,053	94,626	83,363	80,687
Cheyenne	1,074,538	1,072,229	1,075,601	1,074,814	1,044,149	888,535
Clear Creek	37,543	32,897	33,046	41,433	33,857	30,828
Conejos	257,976	257,386	256,646	252,638	225,604	216,263
Costilla	780,400	374,160	374,180	376,180	219,200	769,456
Crowley	429,793	424,921	425,311	418,361	507,539	131,443
Custer	261,840	257,318	254,901	251,240	140,405	117,653
Delta	268,124	359,446	258,689	130,001	218,167	189,239
Denver	5,855	5,928	5,706	6,074	7,519	7,843
Dolores	203,387	191,787	190,558	188,894	37,035	10,257
Douglas	380,845	379,997	379,358	379,332	375,584	367,270
Eagle	159,769	148,314	155,146	138,772	98,394	85,392
Elbert	1,081,576	1,081,479	1,077,854	1,073,216	1,034,431	952,091
El Paso	989,529	988,889	990,870	991,474	951,958	799,156
Fremont	368,841	372,416	359,693	354,360	214,408	182,330
Garfield	340,952	327,139	328,812	323,568	259,122	204,520
Gilpin	29,133	28,502	28,073	26,883	18,091	15,936
Grand	265,893	265,109	262,169	253,131	172,269	128,246
Gunnison	336,513	330,832	309,367	293,927	151,927	122,701
Hinsdale	20,990	20,102	15,622	18,427	14,759	12,081
Huerfano	668,867	657,567	654,232	651,264	366,959	340,211
Jackson	316,027	306,734	300,497	291,040	214,044	193,940
Jefferson	336,652	334,422	346,325	341,323	322,343	296,175
Kiowa	1,039,593	1,050,114	1,030,751	1,036,847	960,670	680,986
Kit Carson	1,306,444	1,307,131	1,307,131	1,307,011	1,265,961	1,128,158
Lake	28,713	28,966	23,327	23,912	27,011	26,659
La Plata	430,339	432,180	436,714	423,906	328,843	265,834
Larimer	763,389	761,541	761,535	762,364	666,173	621,368
Las Animas	2,584,673	2,576,249	2,637,187	2,549,571	1,078,269	765,310
Lincoln	1,487,988	1,496,195	1,496,898	1,495,256	1,409,418	1,058,771
Logan	990,201	988,921	988,321	987,641	966,630	680,036
Mesa	483,418	480,507	474,647	457,564	338,284	287,055
Mineral	26,892	26,744	26,599	27,331	20,551	19,256
Moffat	1,000,559	981,949	960,114	940,924	229,710	129,754
Montezuma	317,504	315,366	289,569	302,906	209,902	160,104
Montrose	406,823	411,824	407,347	398,129	293,693	230,329
Morgan	744,607	743,898	742,845	742,305	634,280	367,245
Otero	650,337	648,908	623,031	606,039	323,442	240,275
Ouray	150,040	149,895	147,958	144,817	155,440	83,793
Park	467,485	466,040	459,728	445,722	192,192	196,132
Phillips	407,977	408,618	408,372	408,372	395,780	385,671
Pitkin	70,181	70,147	70,485	70,485	58,078	50,701
Prowers	967,521	973,008	964,067	958,253	811,164	448,925
Pueblo	1,173,513	1,169,258	1,165,970	1,164,642	867,047	688,441
Rio Blanco	355,341	355,341	345,955	341,487	194,466	139,814
Rio Grande	222,153	220,244	219,255	215,973	185,285	170,680
Routt	565,056	559,221	543,945	518,558	345,619	261,047
Saguache	555,892	553,117	539,530	542,679	453,873	407,323
San Juan	200	200	200	200	200	200
San Miguel	230,627	229,052	229,683	223,005	125,269	87,098
Sedgwick	305,933	305,777	304,112	303,383	297,652	280,973
Summit	39,780	38,075	37,740	37,706	28,945	22,610
Teller	150,363	149,691	149,911	149,559	112,470	99,807
Washington	1,482,039	1,481,907	1,487,261	1,485,598	1,393,009	914,615
Weld	2,272,958	2,266,855	2,270,582	2,262,005	2,171,670	1,631,271
Yuma	1,440,993	1,433,393	1,433,522	1,425,885	1,296,745	993,616
State	36,209,279	35,791,134	35,614,126	35,163,103	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, 1931)

COUNTY	Area Acres	Agri-cultural Land	Per Cent of Total Area	Irrigated Land*	Per Cent of Agri-cultural Land	Grazing Land†	Per Cent of Agri-cultural Land	Dry Farming Land	Per Cent of Agri-cultural Land
Adams	807,680	749,839	92.84	109,381	14.59	124,824	16.65	515,634	68.76
Alamosa	465,280	299,085	64.28	66,000	22.07	117,285	39.21	115,800	38.72
Arapahoe	538,880	511,529	94.92	28,876	5.65	69,942	13.67	412,711	80.68
Archuleta	780,800	253,445	32.46	11,049	4.36	232,239	91.63	10,157	4.01
Baca	1,633,280	1,533,545	93.88	2,750	0.18	556,255	36.27	974,540	63.55
Bent	375,360	785,185	80.50	48,670	6.19	679,384	86.53	57,131	7.28
Boulder	488,960	265,134	54.22	102,951	38.53	132,678	50.04	29,505	11.13
Chauffee	693,120	101,315	14.62	24,569	24.25	76,746	75.75	---	---
Cheyenne	1,137,280	1,074,554	94.43	16	0.05	235,571	21.92	838,967	78.03
Clear Creek	249,600	37,543	15.04	---	---	37,543	100.00	---	---
Conejos	801,280	257,976	32.20	96,400	37.37	161,576	62.63	---	---
Costilla	758,400	780,400	102.90	97,756	12.53	676,380	86.67	6,264	0.80
Crowley	517,120	429,793	83.11	42,185	9.82	377,661	87.87	9,947	2.31
Custer	478,080	261,840	54.77	17,509	6.69	237,526	90.71	6,805	2.60
Delta	768,640	268,124	34.88	61,631	22.98	184,757	68.91	21,736	8.11
Denver	37,120	5,855	15.77	595	100.00	---	---	---	---
Dolores	667,520	203,387	30.47	595	0.29	182,579	89.77	20,213	9.94
Douglas	540,800	380,345	70.33	13,853	3.64	299,944	78.86	66,548	17.50
Eagle	1,036,800	159,769	15.41	27,933	17.48	130,623	81.76	1,213	0.76
Elbert	1,188,480	1,081,576	91.00	11,808	1.10	725,666	67.09	344,102	31.81
El Paso	1,357,440	990,954	73.00	24,015	2.42	750,519	75.74	216,420	21.84
Fremont	996,480	365,841	37.01	17,731	4.81	302,933	82.13	48,177	13.06
Garfield	1,988,480	340,952	17.15	53,934	15.82	259,016	75.97	28,002	8.21
Gilpin	84,480	29,133	34.49	---	---	29,133	100.00	---	---
Grand	1,194,240	265,893	22.26	31,525	11.86	234,368	88.14	---	---
Gunnison	2,034,560	336,513	16.54	37,286	11.08	299,227	88.92	---	---
Hinsdale	621,440	20,990	3.38	2,365	11.26	18,265	87.02	360	1.72
Huerfano	960,000	683,867	69.67	15,757	2.36	630,762	94.29	22,408	3.35
Jackson	1,044,480	316,027	30.26	69,191	21.90	246,764	78.08	72	0.02
Jefferson	517,120	348,612	67.41	62,960	18.06	256,847	73.68	28,805	8.26

Kiowa	1,150,720	1,039,593	90.34	4,047	---	293,861	28.22	746,232	71.78
Kit Carson	1,381,760	1,306,444	94.55	4,047	3.10	297,513	22.77	1,004,884	76.87
Lake	287,440	28,713	12.09	4,836	16.84	23,877	83.16	---	---
La Plata	1,184,640	430,822	36.37	42,376	9.98	359,817	83.40	28,529	6.62
Larimer	1,682,560	764,767	45.45	123,195	16.11	617,522	80.75	24,050	3.14
Las Animas	3,077,760	2,585,314	84.00	32,675	1.26	2,483,709	96.07	68,930	2.67
Lincoln	1,644,800	1,487,988	90.47	3,090	0.21	581,492	39.08	908,406	60.71
Logan	1,166,080	990,201	84.92	88,761	8.87	333,440	33.67	568,000	57.46
Mesa	2,024,320	483,870	23.90	51,581	10.66	382,855	79.12	49,434	10.22
Mineral	584,240	26,892	4.85	4,099	15.24	22,793	84.76	---	---
Moffat	2,981,120	1,000,559	33.56	14,928	1.49	951,197	95.07	34,434	3.44
Montezuma	1,312,640	317,504	24.19	36,978	11.65	236,232	74.40	44,294	13.95
Montrose	1,448,960	406,823	28.08	64,581	5.78	318,742	78.35	28,500	15.87
Morgan	823,040	744,697	90.47	83,292	11.18	414,635	55.69	246,680	33.13
Otero	805,760	652,397	80.97	78,162	11.98	564,095	86.46	10,140	1.56
Ourray	382,160	150,040	45.17	11,960	7.97	134,680	89.76	3,400	2.27
Park	1,434,880	467,485	32.58	22,700	4.86	439,601	94.04	5,184	1.10
Phillips	440,320	407,377	92.65	---	---	31,593	7.74	376,384	92.26
Pitkin	682,160	70,181	10.76	16,248	23.15	53,763	76.61	170	0.24
Provers	1,043,200	967,938	92.79	95,947	9.92	240,666	24.86	631,325	65.22
Pueblo	1,557,120	1,178,023	75.65	44,680	3.79	1,053,003	89.39	80,340	6.82
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	222,153	38.65	91,587	41.21	130,596	58.79	---	---
Routt	1,477,760	565,056	38.24	41,583	7.36	471,580	83.46	51,893	9.18
Saguache	2,005,120	555,892	27.72	86,640	15.59	469,252	84.41	---	---
San Juan	289,920	200	0.07	---	---	209	100.00	---	---
San Miguel	824,320	230,627	27.98	7,118	3.09	216,550	93.90	6,959	3.01
Sedgwick	339,840	305,933	90.02	25,303	8.27	92,788	30.33	187,842	61.40
Summit	415,360	39,780	9.58	6,210	15.61	33,570	84.39	---	---
Teller	350,080	150,363	42.95	2,042	1.36	127,179	84.58	21,142	14.06
Washington	1,613,440	1,482,039	91.86	7,641	0.52	330,227	22.28	1,144,171	77.20
Weld	2,574,080	2,275,122	88.23	355,980	15.64	1,167,794	51.33	751,398	33.03
Yuma	1,514,880	1,440,993	95.12	7,397	0.51	763,984	53.02	669,612	46.47
State	66,341,120	36,258,658	54.65	2,564,442	7.07	22,215,437	61.27	11,478,779	31.66

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

†Includes acreage classed by assessors as waste and seep land.

Note: Due to errors in assessment, agricultural land in Costilla county shows more acreage than the total area for the county.

ASSESSED VALUE OF FARM PROPERTY IN COLORADO, 1930 AND 1931
(Compiled from Records of the State Tax Commission)

COUNTY	1931							1930
	Farm Land*	Livestock†	Poultry and Bees	Equities in State Lands	Improvements on Patented Land	Improvements on Public Land	Agricultural Implements	Total
Adams	\$1,422,100	\$752,755	\$50,295	\$60,970	\$2,149,260	\$97,260	\$298,925	\$14,831,565
Alamosa	3,324,278	403,060	9,806	39,945	293,456	23,829	72,850	4,166,724
Arapahoe	5,262,665	502,230	42,110	51,500	2,211,965	---	126,890	10,602,155
Archuleta	992,987	467,616	4,580	2,880	209,215	1,600	20,635	1,989,717
Baca	6,421,754	930,489	33,935	156,375	569,450	15,425	351,945	8,479,373
Bent	4,920,365	619,385	23,790	26,045	530,570	9,450	56,235	6,191,780
Boulder	8,173,480	566,470	33,320	6,080	2,730,620	---	128,020	11,649,990
Chaffee	1,120,510	249,580	3,135	---	441,800	29,345	21,025	1,865,395
Cheyenne	6,285,815	624,195	13,015	26,785	362,610	2,010	75,525	7,399,955
Clear Creek	329,820	23,755	295	9,990	121,135	1,830	2,075	488,900
Conejos	3,486,135	773,725	11,580	39,610	429,690	4,615	96,260	4,851,615
Costilla	2,460,935	210,615	4,135	---	193,460	11,775	32,360	2,913,280
Crowley	4,061,100	400,895	24,695	11,835	571,910	33,460	90,140	5,194,035
Custer	1,147,552	259,575	2,875	---	255,758	7,218	35,855	1,708,833
Delta	4,030,780	1,039,305	33,385	---	896,730	12,460	142,620	6,155,280
Denver	3,442,950	49,260	---	---	5,453,790	8,000	8,000	8,954,000
Dolores	613,485	228,725	1,250	---	50,112	7,032	10,650	920,254
Douglas	2,617,965	832,100	12,640	---	1,552,755	27,625	86,730	5,129,815
Eagle	1,761,982	745,196	4,330	1,190	318,000	16,505	62,945	2,910,168
Elbert	6,800,490	1,028,077	23,207	112,137	866,418	61,421	199,562	11,310,516
El Paso	6,047,730	1,193,050	36,150	59,680	1,976,840	39,300	79,850	9,431,600
Fremont	2,799,002	356,798	25,998	11,660	1,718,000	5,560	34,186	4,951,204
Garfield	4,146,060	1,480,105	27,425	---	713,450	74,600	441,465	6,888,125
Gilpin	70,752	34,486	---	3,673	22,500	---	1,660	133,021
Grand	1,466,440	472,640	1,665	13,680	303,590	69,250	37,000	2,364,265
Gunnison	1,968,040	1,149,130	2,625	6,780	576,140	15,785	48,150	3,766,650
Hinsdale	93,690	59,635	---	2,435	19,985	7,550	1,395	184,690
Huerfano	2,030,149	506,576	5,715	7,167	306,004	28,845	58,470	2,942,926
Jackson	1,230,270	1,002,080	1,480	7,770	217,460	14,570	44,020	2,517,650
Jefferson	5,748,025	633,085	63,700	36,420	5,195,197	18,340	121,955	11,816,722

Kiowa	6,396,210	455,305	13,850	50,450	225,090	1,760	32,525	7,175,220	8,944,555
Kit Carson	9,575,450	1,111,406	47,022	56,710	1,072,200	119,730	335,228	12,317,776	15,778,631
Lake	140,130	29,690	22,370	505	96,805	---	7,605	274,735	429,825
La Plata	3,038,975	624,315	22,370	1,035	741,535	3,330	58,100	4,489,680	5,708,840
Larimer	10,397,250	1,213,160	49,620	40,970	3,580,210	27,750	396,070	15,705,030	20,690,440
Las Animas	7,598,769	1,719,865	12,434	1,420,027	1,420,027	16,000	99,665	10,776,760	13,810,808
Lincoln	8,474,265	1,000,845	31,240	52,530	467,510	82,975	115,435	10,224,800	12,743,985
Logan	11,747,940	1,236,195	55,955	121,780	1,560,440	30,740	540,140	15,293,220	19,251,598
Mesa	7,437,874	1,619,145	69,445	---	1,540,510	15,730	215,575	10,868,279	13,895,895
Mineral	139,495	89,545	295	720	127,030	6,225	2,855	366,165	467,675
Monte	2,656,167	861,925	7,550	35,035	426,128	21,672	86,670	4,095,147	5,138,070
Montezuma	2,131,255	619,165	18,940	41,600	419,660	19,630	61,540	3,311,820	4,041,130
Montrose	3,525,385	998,930	31,045	63,660	684,045	4,375	138,400	5,382,270	6,710,656
Morgan	8,319,730	854,540	38,810	63,660	1,280,930	33,860	333,400	10,924,990	13,860,850
Otero	6,668,190	754,615	50,795	10,855	3,027,480	353,145	229,585	11,094,665	13,337,880
Ouray	793,234	269,640	2,250	---	107,760	400	21,500	1,194,784	1,471,443
Park	1,754,600	664,710	2,560	19,400	500,355	22,360	61,120	3,025,105	3,630,320
Phillips	7,817,340	401,660	24,105	43,085	526,790	123,770	208,560	9,145,310	11,343,205
Pitkin	825,350	218,825	1,210	---	149,560	23,120	40,440	1,258,535	1,645,300
Prowers	7,884,580	848,447	45,953	50,700	1,175,000	42,810	186,533	10,234,023	12,698,630
Pueblo	7,165,250	949,195	37,570	217,000	11,632,730	66,500	144,520	20,272,765	23,794,475
Rio Blanco	2,080,966	1,167,290	3,490	---	405,330	11,260	66,560	3,734,890	4,613,615
Rio Grande	3,845,415	597,660	5,231	203,710	575,715	100,620	76,880	5,405,231	6,894,282
Routt	3,536,960	1,440,060	11,030	67,810	754,700	102,130	162,530	6,075,220	7,592,360
Saguache	3,207,790	1,042,561	4,570	57,429	397,157	29,095	50,170	4,788,772	6,078,838
San Juan	1,120	47,744	---	---	---	---	175	49,039	58,493
San Miguel	879,710	330,835	2,260	4,470	197,770	6,630	19,315	1,440,990	1,827,465
Sedgwick	4,906,960	398,155	15,730	51,020	613,025	6,080	176,785	6,167,755	7,635,750
Summit	287,165	116,485	300	---	47,050	500	6,020	457,520	618,100
Teller	438,790	188,760	845	---	88,930	5,860	16,340	734,525	888,285
Washington	7,796,021	1,149,216	49,035	38,610	638,132	5,805	244,235	9,921,054	12,220,587
Weld	32,751,570	2,704,630	103,940	102,190	4,678,050	51,420	825,590	41,217,390	52,149,094
Yuma	12,637,610	1,418,540	52,050	49,980	972,220	20,450	340,510	15,491,360	19,176,010
State	\$291,040,936	\$44,732,602	\$1,322,666	\$2,075,791	\$71,455,744	\$1,992,502	\$5,087,584	\$420,707,825	\$627,187,096

*Excluding valuation of suburban tracts and mountain home sites.

†Excluding valuation of cattle and sheep fed in transit.

ACREAGE OF IRRIGATED LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1925, 1929, 1930 AND 1931

COUNTY	1931	1930	1929	1925	1920	1914
Adams ----	81,329	82,499	93,389	87,343	102,073	100,381
Alamosa ---	28,500	28,500	27,500	26,800	26,000	65,900
Arapahoe ---	18,709	18,694	27,750	29,876	33,180	38,625
Archuleta --	10,479	10,479	10,598	10,712	11,826	8,918
Baca -----	2,750	2,950	2,950	3,540	9,000	-----
Bent -----	48,670	48,170	47,550	47,909	46,732	46,234
Boulder ----	81,955	79,127	79,059	83,563	86,407	98,323
Chaffee ----	24,569	25,062	24,543	22,526	20,045	19,037
Cheyenne ---	-----	-----	-----	-----	-----	-----
Clear Creek--	-----	-----	-----	-----	-----	-----
Conejos ----	86,480	86,480	85,840	86,950	87,300	97,656
Costilla ---	76,760	73,060	78,580	80,825	83,000	92,239
Crowley ---	42,072	40,007	40,198	40,330	54,050	45,336
Custer ----	5,632	5,968	5,916	10,208	11,965	7,083
Delta -----	53,420	56,034	55,159	55,208	64,849	56,123
Denver ----	5,855	5,928	5,706	6,606	7,519	7,724
Dolores ----	595	1,083	836	832	2,065	1,358
Douglas ---	6,205	6,414	6,335	6,856	7,715	7,075
Eagle -----	27,933	25,276	25,379	23,557	22,259	19,778
Elbert ----	-----	-----	-----	-----	330	220
El Paso ----	20,510	20,426	20,400	20,400	20,500	19,120
Fremont ---	14,492	14,975	14,869	21,659	20,633	15,337
Garfield ---	53,187	53,240	53,925	51,588	59,278	53,278
Gilpin ----	-----	-----	-----	-----	-----	-----
Grand -----	31,525	32,234	32,854	29,592	31,097	25,111
Gunnison ---	37,286	38,096	36,845	39,405	35,955	32,497
Hinsdale ---	2,365	2,489	2,206	2,180	2,233	1,445
Huerfano --	12,415	12,897	16,106	5,223	21,802	19,037
Jackson ---	-----	-----	-----	71,635	67,685	59,719
Jefferson --	51,000	51,400	51,759	48,263	49,397	40,200
Kiowa -----	-----	-----	-----	-----	-----	-----
Kit Carson--	471	506	583	145	180	750
Lake -----	-----	-----	-----	-----	-----	-----
La Plata ---	-----	-----	-----	-----	-----	-----
La Plata ---	42,394	51,708	53,080	56,788	57,881	44,995
Larimer ---	105,383	105,532	105,679	111,589	106,921	111,278
Las Animas--	25,963	23,552	20,893	28,880	22,931	23,876
Lincoln ---	-----	-----	-----	-----	-----	-----
Logan -----	72,681	70,481	70,481	67,000	59,472	63,344
Mesa -----	44,880	93,653	31,049	97,692	89,452	82,589
Mineral ---	1,712	1,707	1,847	993	370	1,309
Moffat ----	11,308	11,420	13,261	18,187	16,247	15,168
Montezuma --	36,311	36,850	36,925	37,579	37,077	38,660
Montrose --	63,573	64,557	65,459	69,748	79,240	73,129
Morgan ----	81,092	81,062	81,085	78,692	76,269	74,580
Otero -----	75,733	78,464	78,307	76,492	79,015	70,201
Ouray ----	9,620	9,625	9,824	10,060	11,655	10,143
Park -----	-----	-----	-----	-----	-----	-----
Phillips ---	-----	-----	-----	-----	-----	-----
Pitkin ----	-----	-----	-----	-----	-----	-----
Pitkin ----	16,248	17,088	18,127	16,163	15,407	14,081
Prowers ---	92,880	93,702	90,282	95,744	89,851	96,585
Pueblo ----	40,170	40,258	40,225	40,376	40,788	47,641
Rio Blanco--	21,824	21,824	22,321	23,552	22,990	19,973
Rio Grande--	66,016	63,908	63,641	72,403	42,721	80,861
Routt ----	41,583	41,873	42,614	42,494	47,864	36,159
Saguache --	37,640	37,640	37,640	37,640	37,480	26,496
San Juan ---	-----	-----	-----	-----	-----	-----
San Miguel--	7,118	7,180	7,544	8,857	9,390	6,631
Sedgwick ---	19,529	19,825	19,872	19,816	20,054	20,396
Summit ---	6,210	6,770	6,760	7,011	6,225	4,970
Teller ----	-----	-----	-----	-----	-----	-----
Washington--	7,641	7,648	7,786	6,885	6,682	7,050
Weid -----	347,512	346,795	357,505	339,139	343,808	283,058
Yuma -----	2,658	3,678	3,624	5,600	3,550	4,332
State -----	2,102,843	2,163,794	2,192,666	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, 1929, 1930 AND 1931

COUNTY	1931	1930	1929	1925	1920	1914
Adams	515,634	509,427	443,523	502,099	442,385	135,930
Alamosa	115,800	115,500	115,500	112,150	102,000	-----
Arapahoe	412,711	411,717	380,330	379,940	375,440	42,760
Archuleta	10,157	10,157	10,482	10,760	10,876	3,938
Baca	974,540	968,045	968,045	955,977	1,080,212	-----
Bent	57,131	59,237	60,580	4,730	6,435	-----
Boulder	29,505	22,375	23,119	23,496	22,838	-----
Chaffee	-----	-----	-----	-----	-----	-----
Cheyenne	838,967	840,946	845,120	851,476	1,044,149	-----
Clear Creek	-----	-----	-----	-----	-----	-----
Conejos	-----	-----	-----	-----	-----	-----
Costilla	6,264	10,500	10,000	10,000	1,000	-----
Crowley	9,947	9,409	11,699	12,584	2,351	1,751
Custer	6,805	5,718	6,711	2,386	12,101	-----
Delta	21,736	21,945	24,108	25,116	38,075	-----
Denver	-----	-----	-----	-----	-----	-----
Dolores	20,213	73,352	17,866	65,219	14,292	-----
Douglas	66,548	89,807	89,030	84,078	89,217	23,666
Eagle	1,213	1,065	844	-----	-----	-----
Elbert	344,102	347,495	352,362	366,242	407,190	65,512
El Paso	216,420	216,890	217,010	218,560	213,520	193,150
Fremont	48,177	42,666	45,185	68,583	21,366	17,510
Garfield	28,002	29,036	29,458	32,006	32,961	39,602
Gilpin	-----	-----	-----	-----	-----	-----
Grand	-----	-----	-----	-----	-----	-----
Gunnison	-----	297	285	-----	-----	-----
Hinsdale	360	-----	-----	316	-----	-----
Huerfano	22,408	22,190	25,102	27,053	5,012	-----
Jackson	72	102	-----	-----	-----	-----
Jefferson	28,805	28,700	28,816	25,624	29,029	30,970
Kiowa	746,232	758,754	746,389	789,526	-----	-----
Kit Carson	1,004,884	1,012,673	1,013,515	1,040,810	1,033,286	59,947
Lake	-----	-----	-----	-----	-----	-----
La Plata	28,529	20,301	19,243	17,593	15,289	6,045
Larimer	24,050	24,000	24,019	22,910	22,520	20,004
Las Animas	68,930	61,659	58,161	86,656	27,293	12,507
Lincoln	903,406	911,351	909,372	859,969	914,318	-----
Logan	568,000	570,000	570,000	580,000	584,019	252,429
Mesa	49,434	-----	-----	-----	-----	-----
Mineral	-----	-----	-----	-----	-----	-----
McFrat	34,434	35,237	39,112	130,879	79,808	4,936
Montezuma	44,294	42,383	40,394	38,781	28,468	30,413
Montrose	23,500	23,690	23,412	29,528	37,621	25,261
Morgan	246,680	244,460	244,450	254,545	236,392	41,578
Otero	10,140	10,612	11,209	24,197	20,316	19,550
Ouray	3,400	3,510	5,510	3,387	2,986	1,778
Park	5,184	5,460	5,482	6,508	6,021	3,483
Phillips	376,384	373,650	374,362	371,670	366,420	426,161
Pitkin	170	140	300	300	480	480
Prowers	631,325	639,367	635,900	597,977	5,090	-----
Pueblo	80,340	81,960	81,890	80,260	72,942	62,485
Rio Blanco	20,929	20,929	19,074	18,240	18,684	5,076
Rio Grande	-----	-----	-----	-----	28,400	-----
Routt	51,893	52,866	55,449	60,241	42,015	22,376
Saguache	-----	-----	-----	-----	-----	-----
San Juan	-----	-----	-----	-----	-----	-----
San Miguel	6,959	6,419	7,036	8,469	7,452	4,500
Sedgwick	187,842	188,752	187,800	187,150	179,121	177,345
Summit	-----	-----	-----	-----	-----	-----
Teller	21,142	22,224	23,018	23,226	18,281	6,749
Washington	1,144,171	1,137,091	1,167,884	1,158,074	1,215,046	859,538
Weid	751,398	747,340	737,825	719,947	806,842	62,564
Yuma	669,612	685,119	681,815	751,188	620,238	617,925
State	11,478,779	11,516,523	11,385,796	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, 1930, 1931

COUNTY	IMPROVED FRUIT LAND				NATURAL HAY LAND			
	1931	1930	1920	1914	1931	1930	1920	1914
Adams	---	---	---	---	17,232	10,259	---	---
Alamosa	---	---	---	---	37,500	37,500	37,000	12,368
Arapahoe	---	---	---	---	---	---	---	---
Archuleta	---	---	---	---	570	570	---	---
Baca	---	---	---	---	---	---	---	---
Bent	---	---	---	---	---	---	---	---
Boulder	---	---	---	---	18,110	---	2,904	---
Chaffee	---	---	---	150	---	---	---	---
Cheyenne	---	---	---	---	---	---	---	---
Clear Creek	---	---	---	---	---	---	---	---
Conejos	---	---	---	---	9,920	9,920	9,400	10,000
Costilla	---	---	---	---	20,996	5,600	5,200	5,300
Crowley	113	123	535	540	---	---	---	---
Custer	---	---	---	---	11,877	11,596	---	9,306
Delta	8,211	7,458	10,303	4,630	---	---	---	---
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	---	---	---	---	142
Douglas	---	---	---	---	7,648	5,853	5,453	3,388
Eagle	---	---	---	---	---	---	---	---
Elbert	---	---	---	---	11,808	11,756	11,587	6,454
El Paso	170	170	320	380	1,910	1,910	1,910	1,240
Fremont	2,039	2,051	2,371	2,803	1,200	1,200	1,200	1,910
Garfield	747	798	898	1,509	---	---	---	---
Gilpin	---	---	---	---	---	---	---	---
Grand	---	---	---	---	---	---	---	---
Gunnison	---	---	---	---	---	---	---	---
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	37	36	20	---	3,305	3,499	---	---
Jackson	---	---	---	---	69,191	69,361	---	---
Jefferson	---	---	---	---	---	---	---	---
Kiowa	---	---	---	---	---	---	---	---
Kit Carson	---	---	---	---	3,576	3,701	3,666	600
Lake	---	---	---	---	4,836	5,089	---	---
La Plata	99	120	88	83	---	---	---	---
Larimer	1,084	1,004	---	2,011	15,350	15,400	15,400	15,025
Las Animas	---	---	---	---	6,071	6,445	4,015	3,436
Lincoln	---	---	---	---	3,090	3,102	3,310	---
Logan	---	---	---	---	16,080	15,000	13,424	---
Mesa	6,249	6,215	8,070	7,024	---	---	---	---
Mineral	---	---	---	---	2,387	2,657	2,885	1,400
Moffat	---	---	---	---	3,620	3,720	---	---
Montezuma	667	700	806	1,017	---	---	---	---
Montrose	1,008	1,102	1,743	1,450	---	---	---	---
Morgan	---	---	---	---	2,200	2,200	2,700	4,064
Otero	369	437	1,051	1,553	2,340	2,223	1,424	---
Ouray	---	---	---	---	---	---	---	---
Park	---	---	---	---	22,700	23,480	22,662	21,311
Phillips	---	---	---	---	---	---	---	---
Pitkin	---	---	---	45	---	---	---	---
Prowers	---	---	---	---	2,650	3,440	3,647	5,973
Pueblo	---	---	5,910	---	---	---	---	---
Rio Blanco	---	---	---	---	1,910	1,910	1,010	3,599
Rio Grande	---	---	---	---	25,541	29,557	8,870	---
Routt	---	---	33	305	---	---	---	90
Saguache	---	---	---	---	49,000	49,000	48,750	71,124
San Juan	---	---	---	---	---	---	---	---
San Miguel	---	---	---	---	---	---	---	---
Sedgwick	---	---	---	---	5,774	5,750	5,469	5,165
Summit	---	---	---	---	---	---	---	---
Teller	---	---	---	---	2,042	2,036	2,322	1,580
Washington	---	---	---	---	---	---	---	1,755
Weld	---	---	---	---	6,254	6,673	9,631	5,635
Yuma	---	---	---	---	4,739	4,780	4,490	---
State	20,793	20,214	32,148	23,500	391,427	55,192	228,330	190,865

ACREAGE OF GRAZING LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1925, 1929, 1930, 1931

COUNTY	1931	1930	1929	1925	1920	1914
Adams	119,994	96,220	155,407	151,609	192,665	355,512
Alamosa	117,285	134,644	141,980	156,049	142,800	218,392
Arapahoe	69,942	67,091	83,730	83,690	81,930	331,884
Archuleta	222,369	215,369	280,673	274,067	234,439	226,948
Baca	556,255	562,425	561,025	564,369	48,684	474,067
Bent	669,471	675,362	656,320	636,392	393,620	137,772
Boulder	130,190	156,732	156,456	149,213	139,641	133,820
Chaffee	76,746	74,892	73,510	66,879	63,318	61,359
Cheyenne	235,571	219,599	230,481	221,327	---	821,560
Clear Creek	37,543	32,897	32,587	37,260	33,857	30,828
Conejos	161,576	160,986	160,886	151,843	128,904	91,054
Costilla	219,235	60,000	60,000*	290,000	130,000	674,084
Crowley	374,486	375,382	373,222	350,808	250,603	75,500
Custer	237,526	234,036	230,627	194,530	116,339	101,572
Delta	58,673	61,258	48,674	48,748	104,940	127,328
Denver	---	---	---	---	---	---
Dolores	182,579	117,352	171,856	87,946	20,678	8,237
Douglas	299,944	277,923	278,263	282,858	273,199	338,854
Eagle	130,623	121,973	128,923	88,891	76,135	62,290
Elbert	725,666	722,228	713,991	686,187	615,324	843,349
El Paso	745,040	744,620	745,180	743,305	715,708	542,483
Fremont	302,533	311,124	296,112	220,187	168,838	135,289
Garfield	259,016	244,065	244,664	213,934	165,985	104,888
Gilpin	29,133	28,502	28,073	20,649	18,091	16,754
Grand	234,368	232,875	229,315	206,423	141,172	107,020
Gunnison	293,655	235,052	266,228	206,500	115,972	82,036
Hinsdale	18,265	17,253	13,026	14,002	12,526	9,882
Huerfano	630,702	618,945	552,865	567,857	340,125	291,720
Jackson	246,764	237,271	230,961	182,740	146,359	122,151
Jefferson	256,847	254,322	253,947	222,534	243,917	224,048
Kiowa	290,001	287,815	281,017	245,296	960,670	607,114
Kit Carson	297,513	290,251	289,431	267,112	228,829	998,347
Lake	23,877	23,877	23,877	27,624	27,011	26,652
La Plata	359,317	360,051	363,563	318,219	255,585	186,040
Larimer	612,622	610,855	609,473	566,771	521,332	469,678
Las Animas	2,483,709	2,484,593	2,551,240	2,173,614	1,024,029	716,102
Lincoln	581,492	581,742	584,409	621,622	491,790	993,743
Logan	333,440	333,440	332,840	323,800	309,715	329,042
Mesa	382,855	380,639	373,663	324,859	240,762	183,083
Mineral	16,211	15,798	15,768	23,801	17,296	20,891
Moffat	946,011	928,300	901,430	584,609	133,655	100,246
Montezuma	232,037	231,233	207,518	207,255	143,551	84,736
Montrose	206,152	213,885	210,393	259,615	175,089	121,579
Morgan	414,635	416,176	415,110	400,909	318,919	179,079
Otero	542,535	539,351	530,980	468,799	221,636	126,795
Ouray	129,430	129,276	127,276	122,696	118,137	64,273
Park	439,601	437,100	430,800	324,539	186,171	173,917
Phillips	31,593	34,968	34,010	31,800	29,360	---
Pitkin	53,763	52,919	52,058	51,093	42,191	86,988
Prowers	230,275	223,014	215,314	263,262	712,576	322,898
Pueblo	1,042,823	1,037,930	1,030,720	1,013,869	749,407	559,892
Rio Blanco	310,678	310,678	302,513	239,475	151,782	99,872
Rio Grande	139,596	125,779	128,196	124,089	105,294	87,613
Routt	469,375	462,095	443,671	353,516	255,707	183,763
Saguache	266,025	266,025	260,250	421,079	367,643	226,221
San Juan	200	200	200	200	200	200
San Miguel	216,550	215,453	215,103	178,088	108,427	69,054
Sedgwick	92,788	91,450	91,003	88,166	93,008	73,794
Summit	33,570	31,305	30,980	29,452	22,720	16,922
Teller	127,179	125,431	124,794	115,923	91,867	88,437
Washington	330,227	337,168	311,591	319,209	171,281	---
Weld	1,167,794	1,166,047	1,167,763	1,182,871	1,011,289	1,192,886
Yuma	763,984	745,316	744,131	744,607	668,467	285,540
State	21,200,855	20,836,558	20,800,067	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, 1929, 1930, 1931**

COUNTY	1931	1930	1929	1920	1915
Adams	\$11,422,100	\$14,240,100	\$ 15,289,070	\$ 17,346,280	\$ 11,731,350
Alamosa	3,324,278	4,178,428	4,283,748	4,509,139	2,275,990
Arapahoe	5,262,665	6,697,630	8,176,965	9,916,770	6,473,900
Archuleta	992,987	1,201,821	1,327,595	1,382,773	907,132
Baca	6,421,754	8,028,385	8,022,685	6,233,251	1,689,437
Bent	4,920,305	6,090,800	6,396,760	7,206,575	3,942,210
Boulder	8,179,480	10,278,710	10,880,210	11,971,220	8,726,800
Chaffee	1,120,510	1,368,195	1,411,485	1,428,500	1,275,335
Cheyenne	6,295,815	7,877,170	7,878,575	13,228,595	4,442,677
Clear Creek	329,820	334,405	395,530	309,815	107,510
Conejos	3,496,135	4,394,140	4,354,680	4,532,364	4,240,655
Costilla	2,460,935	2,670,950	2,701,045	2,966,242	3,150,750
Crowley	4,061,100	4,946,033	5,339,385	6,108,970	4,669,539
Custer	1,147,552	1,440,525	1,439,420	1,223,170	1,088,200
Delta	4,030,780	5,043,125	5,184,940	8,152,925	6,721,485
Denver	3,442,950	3,714,910	4,045,340	3,617,390	3,858,530
Dolores	613,485	811,653	676,820	277,415	71,848
Douglas	2,617,965	3,231,495	3,271,450	4,179,510	2,628,305
Eagle	1,761,982	2,176,172	2,151,336	1,873,775	1,602,427
Elbert	6,800,490	8,513,870	9,618,963	11,706,966	5,551,416
El Paso	6,047,730	7,554,450	8,718,520	11,096,370	6,124,770
Fremont	2,799,002	3,494,180	3,531,433	3,254,630	3,215,976
Garfield	4,146,060	5,148,460	5,185,805	5,232,570	4,883,820
Gilpin	70,752	87,618	89,625	54,273	47,808
Grand	1,466,440	1,853,890	1,879,365	1,599,980	1,102,450
Gunnison	1,968,040	2,459,059	2,435,210	2,160,525	2,014,878
Hinsdale	93,690	120,679	85,970	79,425	38,083
Huerfano	2,030,149	2,466,652	2,609,999	2,231,420	1,699,296
Jackson	1,230,270	1,541,700	1,555,750	2,727,695	1,468,864
Jefferson	5,748,025	7,562,040	10,686,670	10,013,695	8,069,735
Kiowa	6,396,240	7,988,890	8,238,510	10,179,094	3,413,286
Kit Carson	9,575,480	12,248,283	12,541,358	20,453,265	5,679,205
Lake	140,130	174,230	176,545	193,530	172,825
La Plata	3,038,975	3,795,810	3,974,335	3,927,655	3,298,920
Larimer	10,397,250	12,818,790	13,282,070	16,959,870	11,923,983
Las Animas	7,508,769	9,374,230	9,182,098	6,835,416	5,017,713
Lincoln	8,474,265	10,598,070	12,705,860	16,343,285	5,315,710
Logan	11,747,940	14,684,910	14,922,105	22,884,010	7,885,974
Mesa	7,407,874	9,290,110	9,390,730	9,979,585	10,159,695
Mineral	139,495	175,110	175,260	162,875	138,635
Moffat	2,656,167	3,320,210	3,376,180	2,424,190	1,198,940
Montezuma	2,131,285	2,689,065	2,662,455	2,310,452	1,951,590
Montrose	3,525,385	4,429,575	4,483,638	7,298,220	5,872,205
Morgan	8,319,790	10,409,740	10,863,300	12,371,500	5,313,540
Otero	6,668,190	8,566,595	9,309,264	11,136,010	8,733,185
Ouray	793,234	994,893	1,013,888	1,320,604	724,900
Park	1,754,600	2,170,700	2,154,350	1,570,285	1,381,540
Phillips	7,817,340	9,767,105	9,825,830	11,735,765	3,776,655
Pitkin	825,380	1,049,895	1,058,490	1,038,980	934,290
Prowers	7,884,580	9,880,170	10,376,560	11,796,415	7,483,880
Pueblo	7,165,250	8,975,125	9,903,075	9,169,292	7,739,328
Rio Blanco	2,080,960	2,601,200	2,610,800	2,707,495	2,107,221
Rio Grande	3,845,415	5,002,467	4,803,465	5,344,250	3,577,850
Routt	3,536,960	4,430,550	4,675,600	4,682,835	3,009,790
Saguache	3,207,790	3,986,452	4,126,793	4,726,651	4,473,019
San Juan	1,120	1,280	1,280	1,280	1,280
San Miguel	879,710	1,087,810	1,144,445	1,094,880	735,710
Sedgwick	4,906,960	6,107,975	6,126,305	7,047,526	3,009,920
Summit	287,165	354,345	352,775	303,300	188,232
Teller	438,790	521,770	531,570	420,900	275,100
Washington	7,796,021	9,754,564	11,036,811	24,176,680	6,306,191
Weld	32,751,570	40,962,382	43,018,520	56,135,660	32,081,740
Yuma	12,637,610	15,830,760	16,140,050	17,065,095	4,990,032
State	\$291,040,936	\$363,520,306	\$383,811,664	\$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, 1930, 1931

COUNTY	IRRIGATED LAND				DRY FARMING LAND			
	1931	1930	1920	1914	1931	1930	1920	1914
Adams	\$72.32	\$ 90.41	\$ 92.94	\$ 77.78	\$ 8.73	\$ 11.17	\$ 13.76	\$ 15.67
Alamosa	30.00	35.00	48.00	13.44	11.00	15.00	15.00	---
Arapahoe	89.68	111.15	126.09	99.52	8.09	10.20	13.50	12.74
Archuleta	32.57	40.47	41.35	24.74	8.26	10.33	10.21	7.44
Baca	10.00	12.50	25.00	---	5.00	6.25	5.42	---
Bent	63.90	77.21	110.96	65.04	4.36	7.16	15.00	---
Boulder	79.27	103.13	113.09	71.42	23.59	33.60	36.05	---
Chaffee	35.32	44.08	56.93	52.31	---	---	---	---
Cheyenne	---	---	---	---	6.61	8.29	12.67	---
Clear Creek	---	---	---	---	---	---	---	---
Concejos	35.78	45.00	45.00	36.22	---	---	---	---
Costilla	24.08	29.15	30.00	21.69	2.61	3.00	10.00	---
Crowley	67.27	85.39	89.32	87.77	6.59	8.98	20.53	18.93
Custer	31.94	30.07	40.00	34.16	9.59	14.83	20.88	---
Delta	52.35	64.25	89.09	76.00	14.01	16.63	24.74	---
Denver	588.04	626.67	481.10	481.77	---	---	---	---
Dolores	12.04	17.36	20.00	18.00	6.75	6.46	10.01	---
Douglas	61.57	75.16	79.03	45.70	12.78	15.90	18.09	10.22
Eagle	47.12	65.08	69.89	71.33	24.42	30.65	---	---
Elbert	---	---	46.06	40.00	9.51	11.84	16.54	6.01
El Paso	60.00	75.00	75.00	78.00	9.39	11.74	13.96	12.00
Fremont	64.28	77.62	66.94	76.68	6.34	8.94	8.74	9.46
Garfield	56.52	70.54	70.73	71.70	16.88	19.90	15.89	17.22
Gilpin	---	---	---	---	---	---	---	---
Grand	27.91	34.81	35.67	20.00	---	---	---	---
Gunnison	33.34	41.54	46.76	34.07	---	15.61	---	---
Hinsdale	20.59	24.44	14.00	10.94	10.00	---	---	---
Huerfano	33.46	42.89	38.20	31.94	5.99	7.20	7.00	---
Jackson	---	---	29.77	15.00	8.05	10.00	---	---
Jefferson	78.56	103.10	148.00	150.32	16.10	21.69	33.00	25.00
Kiowa	---	---	---	---	7.21	8.85	---	---
Kit Carson	25.60	31.99	75.00	20.00	8.76	11.12	17.78	4.00
Lake	---	---	---	---	---	---	---	---
La Plata	38.29	42.66	45.95	49.40	12.77	15.33	16.83	18.28
Larimer	77.01	94.50	131.00	72.06	13.62	17.50	24.96	13.83
Las Animas	39.40	52.51	59.00	48.22	8.00	10.00	20.00	16.38
Lincoln	---	---	---	---	7.04	8.67	13.11	---
Logan	55.30	71.23	82.79	45.65	11.49	14.31	26.01	9.92
Mesa	78.38	68.54	77.93	94.53	31.29	---	---	---
Mineral	11.46	14.24	11.35	17.78	---	---	---	---
Moffat	30.16	36.21	49.54	37.55	8.91	10.48	12.04	15.40
Montezuma	27.72	35.18	37.70	37.00	11.63	14.95	15.04	17.00
Montrose	39.35	48.93	71.51	55.08	12.70	15.42	18.07	15.14
Morgan	62.60	78.35	93.02	49.54	7.72	9.70	13.84	14.47
Otero	69.93	87.19	122.48	100.47	10.91	12.24	15.82	14.43
Ouray	39.54	49.51	68.29	40.15	8.50	10.00	12.50	16.23
Park	---	---	---	---	12.00	15.00	15.00	15.00
Phillips	---	---	---	---	20.53	25.83	31.30	7.49
Pitkin	42.20	51.33	58.08	53.97	8.00	10.00	22.92	24.00
Prowers	51.19	63.67	86.78	59.75	4.12	5.10	26.65	---
Pueblo	75.80	94.72	98.82	102.49	12.35	15.43	16.81	15.56
Rio Blanco	47.00	59.64	67.45	64.95	11.00	14.62	22.43	27.63
Rio Grande	48.55	64.00	87.40	39.18	---	---	24.00	---
Routt	36.02	45.03	41.58	38.01	15.93	19.92	27.22	19.90
Saguache	35.20	44.00	39.53	42.00	---	---	---	---
San Juan	---	---	---	---	---	---	---	---
San Miguel	28.70	35.65	40.00	34.50	13.81	18.07	24.00	21.00
Sedgwick	64.42	76.16	63.61	43.06	17.18	21.55	29.16	8.00
Summit	29.34	35.00	35.00	24.92	---	---	---	---
Teller	---	---	---	---	8.00	9.73	10.18	10.00
Washington	49.90	60.58	117.94	70.00	5.66	7.06	17.86	6.74
Weld	66.65	85.18	110.64	72.20	8.92	10.35	13.75	11.05
Yuma	37.13	38.70	61.00	22.21	15.30	18.35	21.00	6.12
State	\$57.39	\$ 70.92	\$ 83.52	\$ 62.11	\$ 8.81	\$ 10.84	\$ 16.16	\$ 8.91

AVERAGE VALUE OF GRAZING AND NATURAL HAY LAND PER ACRE AS RETURNED
ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1920, 1931

COUNTY	GRAZING LAND				NATURAL HAY LAND			
	1931	1930	1920	1914	1931	1930	1920	1914
Adams	\$6.09	\$ 6.91	\$ 9.20	\$ 5.33	\$16.01	\$21.31	-----	-----
Alamosa	2.20	2.40	4.35	5.08	25.00	30.00	\$30.00	\$18.00
Arapahoe	3.52	4.75	8.10	4.91	-----	-----	-----	-----
Archuleta	2.45	3.00	3.42	2.41	23.57	29.48	-----	-----
Baca	2.73	3.45	3.25	3.12	-----	-----	-----	-----
Bent	2.29	2.87	5.05	6.81	-----	-----	-----	-----
Boulder	4.71	8.46	9.49	10.37	19.43	-----	17.71	-----
Chaffee	3.29	3.52	4.53	4.05	-----	-----	-----	-----
Cheyenne	3.20	4.01	-----	5.00	-----	-----	-----	-----
Clear Creek	8.79	10.17	9.15	4.04	-----	-----	-----	-----
Conejos	1.50	1.89	3.07	5.00	16.00	20.00	22.06	25.00
Costilla	1.55	3.00	3.00	1.80	6.06	20.00	20.00	20.00
Crowley	3.12	3.82	4.66	9.74	-----	-----	-----	-----
Custer	2.38	3.04	4.23	4.45	28.37	40.00	-----	41.17
Delta	3.39	4.09	3.09	11.65	-----	-----	-----	-----
Denver	-----	-----	-----	-----	-----	-----	-----	-----
Dolores	2.57	2.72	4.50	4.96	-----	-----	-----	10.00
Douglas	3.85	4.14	6.16	5.94	29.93	57.77	50.04	28.02
Eagle	3.19	4.08	4.18	2.79	-----	-----	-----	-----
Elbert	4.32	5.41	7.03	5.59	33.33	41.43	37.30	24.90
El Paso	3.59	4.49	8.99	5.95	37.20	46.50	46.50	35.00
Fremont	2.86	3.48	4.15	4.10	29.67	35.00	35.00	28.00
Garfield	2.43	2.98	2.52	1.30	-----	-----	-----	-----
Gilpin	2.43	3.07	3.00	3.00	-----	-----	-----	-----
Grand	2.50	3.14	3.47	4.92	-----	-----	-----	-----
Gunnison	2.46	3.02	4.13	3.34	-----	-----	-----	-----
Hinsdale	2.27	3.00	3.71	2.15	-----	-----	-----	-----
Huerfano	2.18	2.62	4.00	3.01	31.28	36.82	-----	-----
Jackson	1.62	2.11	4.86	2.02	12.00	15.00	-----	-----
Jefferson	4.97	6.46	7.07	6.00	-----	-----	-----	-----
Kiowa	3.49	4.39	10.60	4.37	-----	-----	-----	-----
Kit Carson	2.34	3.04	8.45	3.47	17.57	22.36	37.08	10.00
Lake	3.70	4.95	7.16	6.41	10.70	11.01	-----	-----
La Plata	2.90	3.52	3.90	4.60	-----	-----	-----	-----
Larimer	2.48	3.12	3.81	3.66	16.26	20.00	25.00	26.00
Las Animas	2.34	2.96	4.60	4.74	19.60	24.71	31.00	28.23
Lincoln	3.45	4.49	8.65	5.01	24.49	28.96	29.01	-----
Logan	2.80	3.50	7.84	4.46	16.79	22.50	25.54	-----
Mesa	3.52	4.39	5.82	6.22	-----	-----	-----	-----
Mineral	3.93	4.94	5.00	4.02	21.34	24.88	25.00	25.00
Moffat	2.03	2.63	4.76	5.98	21.68	25.63	-----	-----
Montezuma	2.49	3.11	3.01	3.99	-----	-----	-----	-----
Montrose	2.56	3.08	4.04	3.84	-----	-----	-----	-----
Morgan	3.13	3.93	6.09	4.04	18.80	23.50	23.51	16.16
Otero	2.26	2.86	4.22	4.74	-----	-----	-----	-----
Ouray	2.76	3.50	4.00	3.85	9.14	12.00	10.35	-----
Park	2.30	2.79	3.42	3.18	30.03	37.00	37.16	36.36
Phillips	2.87	3.24	9.14	-----	-----	-----	-----	-----
Pitkin	2.58	3.24	3.15	2.51	-----	-----	-----	-----
Prowers	1.79	2.27	5.26	3.15	17.50	22.37	30.32	27.72
Pueblo	2.99	3.74	4.03	3.35	-----	-----	-----	-----
Rio Blanco	2.30	2.95	4.60	4.33	31.00	39.77	38.96	48.95
Rio Grande	2.40	3.00	6.08	5.46	12.80	18.00	32.50	-----
Routt	2.57	3.22	6.00	5.15	-----	-----	-----	28.88
Saguache	2.80	3.75	5.10	2.32	18.80	23.50	28.10	18.00
San Juan	5.60	6.40	6.40	6.40	-----	-----	-----	-----
San Miguel	2.68	3.52	4.96	5.49	-----	-----	-----	-----
Sedgwick	3.55	4.63	5.00	4.00	15.91	18.56	15.25	15.18
Summit	3.12	3.75	3.75	3.76	-----	-----	-----	-----
Teller	1.92	2.18	2.16	2.01	12.56	15.50	15.38	14.95
Washington	2.85	3.73	9.80	-----	-----	-----	-----	16.00
Weld	2.40	3.06	5.93	4.45	13.69	17.59	24.50	18.47
Yuma	2.86	3.55	5.50	2.71	23.75	26.76	29.00	-----
State	\$2.76	\$ 3.48	\$ 5.87	\$ 4.41	\$18.53	\$23.95	\$29.25	\$23.78

COLORADO: FARM VALUE, GROSS INCOME AND CASH INCOME FROM FARM PRODUCTION,
BY COMMODITIES, 1925-1927
In Thousands of Dollars

CROPS

COMMODITIES	1925			1926			1927		
	Farm Value	Gross Income	Cash Income	Farm Value	Gross Income	Cash Income	Farm Value	Gross Income	Cash Income
Corn -----	14,382	3,325	3,320	7,437	1,689	1,684	14,727	3,793	3,788
Wheat -----	20,683	16,252	16,114	20,296	16,475	16,367	21,922	17,266	17,157
Oats -----	2,831	991	991	2,153	667	667	2,795	783	783
Barley -----	5,252	1,471	1,471	3,405	1,021	1,021	5,412	1,624	1,624
Rye -----	629	390	390	694	440	440	575	343	343
Flaxseed -----	7	4	4	---	---	---	---	---	---
Grain sorghums -----	1,921	43	43	681	25	25	2,442	134	134
Emmer and Speltz -----	73	---	---	45	---	---	79	---	---
Hay -----	34,328	8,579	8,579	27,984	6,996	6,996	28,250	7,067	7,067
Sweet sorghum forage -----	1,344	134	134	1,132	115	115	1,258	128	128
Cloverseed, sweet* -----	228	200	200	292	256	256	248	225	225
Alfalfa seed -----	235	192	192	137	99	99	108	66	66
Dry edible beans -----	5,533	4,645	4,621	3,552	2,664	2,638	4,452	3,496	3,468
Broomcorn -----	266	266	266	282	282	282	528	528	528
Potatoes, white -----	18,860	14,641	14,210	13,911	11,315	11,006	10,512	7,975	7,747
Truck crops -----	9,625	9,625	9,167	7,775	7,405	7,405	8,644	8,644	8,232
Apples -----	4,160	4,014	3,786	2,686	2,552	2,355	3,136	3,042	2,842
Peaches -----	855	855	821	1,074	1,042	1,005	1,070	1,070	1,049
Pears -----	586	569	557	367	352	344	672	652	640
Plums (prunes), cherries and apricots -----	342	342	328	430	417	402	428	428	420
Grapes -----	22	21	1	12	12	3	17	17	4
Strawberries -----	61	61	57	52	52	48	63	63	60
Small fruits -----	64	64	61	55	55	52	66	66	64
Sugar beets, for sugar -----	9,815	9,815	9,815	23,050	23,050	23,050	21,758	21,758	21,758
Forest products -----	327	327	177	318	318	172	309	309	167
Farm gardens -----	1,810	1,810	---	1,706	1,706	---	1,596	1,596	---
Nursery products -----	83	83	83	83	83	83	83	83	83
Greenhouse products -----	1,062	1,062	1,062	1,062	1,062	1,062	1,062	1,062	1,062
Total -----	135,384	79,781	76,450	120,671	80,520	77,577	132,212	82,218	79,439

LIVESTOCK AND LIVESTOCK PRODUCTS

Cattle and calves -----	21,808	25,729	25,146	21,729	21,421	20,787	24,469	30,264	29,573
Hogs -----	14,466	15,332	13,414	13,492	13,667	11,587	12,053	11,067	9,473
Sheep and lambs -----	9,738	9,965	9,807	8,826	14,486	14,340	9,029	1,374	1,234
Horses -----	1,320	713	713	1,105	734	734	915	580	580
Mules -----	348	226	226	284	300	300	284	292	292
Chickens -----	3,588	3,487	1,771	4,288	4,053	2,314	4,146	4,092	2,120
Eggs (chicken) -----	6,850	6,550	4,300	6,967	6,664	4,660	6,240	5,990	4,014
Milk -----	16,776	16,200	12,276	19,475	18,867	14,725	22,021	21,356	17,214
Wool -----	2,676	2,676	2,676	2,632	2,632	2,632	2,273	2,273	2,273
Honey -----	270	270	231	289	289	253	345	345	310
Beeswax -----	7	7	7	8	8	8	11	11	11
Total -----	77,847	81,155	70,567	79,095	83,121	72,340	81,786	77,644	67,094
Grand Total -----	---	160,936	147,017	---	163,641	149,917	---	159,862	146,533

*Cloverseed (red and alsike) included in sweet cloverseed.

Farm value relates to the evaluation of the total outturn of the given commodity, irrespective of use, whether sold, consumed by the farm family, or consumed in the production of further farm products on the farm where grown.

Cash income relates to the value of quantities actually sold off the farms of the State where these were produced.

Gross income relates to cash income plus the value of the products consumed in the farm household on the farm where the commodities were produced.

The farm value, gross income, and cash income of crops are credited to the year in which the commodities were produced, evaluated at prices received during the marketing season for the particular crop.

Farm value, gross income, and cash income from livestock production are computed on a calendar-year basis, evaluated at average prices for the calendar year.

**COLORADO: FARM VALUE, GROSS INCOME AND CASH INCOME FROM FARM PRODUCTION,
BY COMMODITIES, 1928-1930**
In Thousands of Dollars

CROPS

COMMODITIES	1928			1929 (Revised)			1930 (Preliminary)		
	Farm Value	Gross Income	Cash Income	Farm Value	Gross Income	Cash Income	Farm Value	Gross Income	Cash Income
Corn -----	14,581	4,035	4,029	16,671	4,118	4,118	24,161	7,079	7,055
Wheat -----	15,779	12,260	12,175	16,632	12,973	12,873	12,420	9,315	9,240
Oats -----	2,872	804	804	2,826	706	706	2,176	653	653
Barley -----	6,958	2,505	2,505	5,910	1,773	1,773	4,919	1,722	1,722
Rye -----	562	337	337	364	236	236	233	149	149
Grain sorghums-----	1,640	149	149	1,470	193	193	1,170	246	246
Emmer and speltz-----	86	---	---	98	---	---	79	---	---
Hay -----	31,640	9,498	9,498	29,475	7,369	7,369	27,183	8,155	8,155
Sweet sorghum forage--	1,230	123	123	1,512	150	150	1,430	142	142
Popcorn -----	---	---	---	44	44	44	59	59	59
Cloverseed (red and alsike) -----	78	62	62	140	128	128	99	89	89
Cloverseed, sweet -----	92	74	74	34	25	25	68	50	50
Alfalfa seed -----	274	225	225	525	471	471	542	505	505
Dry edible beans-----	4,365	3,387	3,357	6,026	5,110	5,086	5,832	5,371	5,354
Broomcorn -----	799	799	799	1,030	1,030	1,030	530	530	530
Potatoes, white-----	6,112	3,997	3,818	16,137	13,394	12,974	10,488	8,642	8,401
Truck crops-----	8,082	8,082	7,697	9,633	9,633	9,071	8,853	8,853	8,428
Apples -----	2,688	2,567	2,371	2,185	2,109	1,932	901	874	769
Peaches -----	780	756	731	1,382	1,341	1,307	1,141	1,118	1,093
Pears -----	194	188	178	900	872	860	190	184	180
Plums (prunes)-----	78	76	73	145	141	137	118	116	114
Grapes -----	17	16	5	18	17	6	8	8	1
Apricots -----	36	36	35	48	48	47	24	24	23
Cherries -----	234	234	210	612	612	550	315	315	276
Strawberries -----	39	39	36	39	39	36	39	39	36
Small fruits-----	41	41	39	41	41	39	41	41	39
Sugar beets, for sugar -----	16,687	16,687	16,687	18,106	18,106	18,106	22,873	22,873	22,873
Forest products-----	310	310	167	321	321	173	299	299	161
Farm gardens-----	1,820	1,820	---	1,809	1,809	---	1,380	1,380	---
Nursery products-----	83	83	83	83	83	83	83	83	83
Greenhouse products -----	1,062	1,062	1,062	1,062	1,062	1,062	1,062	1,062	1,062
Total -----	119,219	70,252	67,329	135,278	83,954	80,585	128,716	79,976	77,488

LIVESTOCK AND LIVESTOCK PRODUCTS

Cattle and calves-----	31,189	31,040	30,371	30,510	29,558	28,943	25,403	23,201	22,567
Hogs -----	11,900	11,813	10,812	13,363	14,063	12,228	12,167	11,962	10,299
Sheep and lambs-----	10,273	9,720	9,573	10,407	5,539	5,394	7,903	11,739	11,526
Horses -----	923	428	428	882	348	348	806	318	318
Mules -----	296	234	234	327	206	206	262	207	207
Chickens -----	4,184	4,253	2,486	4,686	4,412	2,477	3,416	3,508	1,817
Eggs (chickens)-----	7,245	6,952	4,972	8,155	7,829	5,825	6,797	6,566	4,838
Milk -----	21,552	20,738	16,558	22,729	21,929	17,413	17,395	16,790	13,806
Wool -----	3,285	3,285	3,285	2,894	2,894	2,894	2,160	2,160	2,160
Honey -----	251	251	219	323	323	291	247	247	218
Beeswax -----	9	9	9	10	10	10	6	6	6
Total -----	91,107	88,723	78,447	94,286	87,111	76,029	76,562	76,704	67,262
Grand Total -----	---	158,975	145,776	---	171,065	156,614	---	156,680	144,750

(See explanatory footnotes on preceding page.)

Colorado Livestock

THE estimated number of livestock in Colorado on January 1, 1932, compared with January 1, 1931, shows an increase in swine, range cattle, milk cows, sheep and lambs on feed, no change in the number of farm and range sheep, and a decreased number of horses, mules, and cattle on feed. Colorado livestock on January 1, 1932, were valued at \$60,656,000, compared with \$97,617,000 on January 1, 1931, and \$130,515,000 on January 1, 1930.

When the numbers of all livestock are combined into units, which allows for difference in size and feed requirements among the several species, the total number of animal units on January 1, 1932, was about 1 per cent more than on January 1, 1931. In spite of increased numbers of all livestock declining prices have drastically reduced inventory values. Feed supplies are very limited. On May 1, 1932, farm hay stocks were 5 per cent of the total 1931 production, compared with 12.5 per cent a year ago, and 11 per cent of the five-year (1927-1931) average.

Cattle—Cattle numbers remain unchanged from a year ago and are estimated at 1,541,000 head. This is a reduction of 216,000 head from 1,757,000 on hand January 1, 1920. Colorado cattle and calves were valued at \$34,670,000 on January 1, 1932, compared with \$58,324,000 on January 1, 1931, and \$73,985,000 on January 1, 1930. There has been a gradual increase in milk cow numbers since 1920 and on January 1, 1932, it was estimated there were 266,000 cows and heifers two years old and over being kept for milk. This compares with 260,000 on January 1, 1931, and is an increase of 64,000 over the 202,000 head on farms January 1, 1920. Beef cattle showed a slight decrease, with a marked reduction from the year before in the number of cattle and calves on feed on January 1, 1932. Colorado has 1,135,000 beef cattle and calves. The 1931 marketings of cattle and calves were about 583,000, of which 529,000 were cattle and 54,000 were calves. In 1930, 458,000 cattle and 50,000 calves were marketed, and in 1929, 529,000 cattle and 55,000 calves.

Sheep—The Colorado sheep population on January 1, 1932, was 3,361,000 head, compared with 3,351,000 sheep and lambs on hand January 1, 1931, and 3,750,000 on January 1, 1930. Colo-

rado sheep and lambs on January 1, 1932, were valued at \$10,575,000, compared with \$18,659,000 the previous year and \$33,843,000 on January 1, 1930. The number of farm and range sheep was estimated at 1,801,000 head on January 1, 1932, or no change from a year earlier, and compares with 1,715,000 on hand January 1, 1930. Stock sheep have shown a steady increase since 1922, when Colorado had 900,000 head. The 1931 lamb crop was 1,230,000 head, compared with 1,245,000 in 1930 and 1,033,000 in 1929. The numbers of lambs saved, per one hundred ewes, one year old and over, on hand January 1, was 82 in 1931 compared with 85 in 1930 and 78 in 1929. Colorado had 1,560,000 sheep and lambs on feed on January 1, 1932. This compares with 1,550,000 on January 1, 1931, and 2,035,000 on January 1, 1930, which was the largest number on record.

Wool—Colorado wool clip in 1931 was estimated at 13,541,000 pounds; in 1930 at 13,446,000 pounds. Fleeces in 1931 averaged 7.8 pounds and in 1930, 8.1 pounds.

Hogs—Colorado hogs, including pigs, were estimated at 624,000 head on January 1, 1932, compared with 520,000 on January 1, 1931, and 495,000 on January 1, 1930. On January 1, 1932, hogs were valued at \$3,271,000, compared with \$5,769,000 the previous year and \$5,943,000 on January 1, 1930. Marketings of hogs in 1931 amounted to 380,000 head compared with 391,000 head in 1930, and 451,000 head in 1929. The June, 1931, pig survey indicated that about 118.1 per cent as many sows farrowed in the spring of 1931 as the previous spring, with an average of 5.5 pigs saved per litter, compared with 5.6 pigs per litter in the spring of 1930, making the total pig crop 116.7 per cent of the spring crop in 1930. The pig survey in the fall of 1931, showed that 144.5 per cent as many sows were farrowed as in the fall of 1930, with an average of 5.8 pigs per litter, or the same as the fall of 1930. This indicates that 144 per cent as many pigs were saved in the fall of 1931 as in the fall of 1930. The survey also indicated that the number of sows bred for next spring's farrowing was 126.6 per cent of the number farrowed in the spring of 1931.

Horses—There has been a gradual reduction in the number of work stock in Colorado, and it is estimated that 324,000 horses and colts were on farms on January 1, 1932, compared with 331,000 on January 1, 1931, and 338,000 on January 1, 1930. There were 421,000 horses and colts on Colorado farms January 1, 1920. January 1, 1932, horses and colts were valued at \$11,008,000 compared with \$13,420,000 on January 1, 1931; \$15,023,000 on January 1, 1930, 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 Colorado, 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 74,000 cattle and calves on feed for market January 1, 1932, compared with 142,000 on January 1, 1931.

Estimated Number of Cattle on Feed by Sections

	1932	1931	1930	1929	1928	1927
Northern Colorado.....	60,000	120,000	105,000	120,000	120,000	130,000
Arkansas Valley.....	9,000	14,000	14,000	13,000	12,000	12,000
Western Slope.....	2,000	3,000	3,000	3,000	4,000	4,000
Other Sections.....	3,000	5,000	3,000	4,000	4,000	4,000
State Total.....	74,000	142,000	125,000	140,000	140,000	150,000

Lamb Feeding—Colorado is the leading lamb feeding state and had 1,560,000 lambs on feed January 1, 1932, compared with 1,550,000 on January 1, 1931, and 2,035,000 on January 1, 1930.

On January 1, 1932, Colorado had 25.2 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 increased 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	Per cent of total in United States	United States 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	34.5%	4,351,000
1924	1,400,000	32.6%	4,297,000
1925	1,600,000	39.7%	4,028,000
1926	1,475,000	31.7%	4,646,000
1927	770,000	18.0%	4,284,000
1928	1,580,000	35.2%	4,488,000
1929	1,520,000	31.5%	4,822,000
1930	2,035,000	34.6%	5,886,000
1931	1,550,000	28.6%	5,428,000
1932	1,560,000	25.2%	6,186,000

Note: United States estimates were not made prior to January 1, 1923.

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

Year	Northern Colorado	Arkansas Valley	San Luis Valley	Western Slope	Miscellaneous Sections	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	975,000	360,000	90,000	80,000	45,000	1,550,000
1932	1,100,000	360,000	35,000	25,000	40,000	1,560,000

Note—"Miscellaneous Sections" division first established in 1931.

ESTIMATED NUMBERS AND VALUES OF LIVESTOCK ON FARMS JANUARY 1

ALL CATTLE AND CALVES

Year	COLORADO				UNITED STATES			
	Numbers		Values, Dollars		Numbers		Values, Dollars	
	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate
1910	----	1,130,000	\$27.50	\$31,075,000	----	61,803,000	\$ 24.50	\$1,513,063,000
1920	155.5	1,757,000	49.70	87,323,000	113.8	70,325,000	52.67	3,703,896,000
1921	95.8	1,683,000	36.90	62,103,000	97.6	68,633,000	39.10	2,683,246,000
1922	99.8	1,680,000	29.40	49,392,000	100.0	68,663,000	30.41	2,087,807,000
1923	96.1	1,614,000	23.30	45,676,000	98.1	67,384,000	31.69	2,135,710,000
1924	95.4	1,540,000	27.70	42,658,000	97.7	65,832,000	32.14	2,116,009,000
1925	95.1	1,465,000	26.00	38,090,000	95.9	63,115,000	31.77	2,005,351,000
1926	96.0	1,406,000	32.00	44,992,000	95.0	59,977,000	36.94	2,215,400,000
1927	100.0	1,406,000	36.20	50,897,000	95.9	57,528,000	40.11	2,307,401,000
1928	97.9	1,377,000	46.70	64,306,000	98.6	56,701,000	50.81	2,880,802,000
1929	103.2	1,421,000	55.30	78,581,000	102.1	57,878,000	58.77	3,401,534,000
1930	102.3	1,454,000	50.90	73,985,000	103.2	59,730,000	56.69	3,386,010,000
1931	106.0	1,541,000	37.80	58,324,000	102.0	60,915,000	39.31	2,394,411,000
1932	100.0	1,541,000	22.50	34,670,000	102.4	62,407,000	26.64	1,662,222,000

COWS AND HEIFERS 2 YEARS OLD AND OVER KEPT FOR MILK

1910	----	145,000	----	----	----	20,625,000	\$ 35.29	\$ 727,856,000
1920	158.6	230,000	\$86.00	\$19,780,000	104.0	21,455,000	81.51	1,748,820,000
1921	101.7	234,000	69.00	16,146,000	99.9	21,440,000	61.20	1,312,100,000
1922	102.6	240,000	56.00	13,440,000	101.8	21,822,000	48.69	1,062,478,000
1923	102.1	245,000	52.00	12,740,000	101.3	22,099,000	48.68	1,075,752,000
1924	102.0	250,000	49.00	12,250,000	100.9	22,288,000	49.94	1,113,127,000
1925	102.4	256,000	44.00	11,264,000	101.0	22,505,000	48.38	1,088,900,000
1926	100.0	256,000	49.00	12,544,000	99.1	22,311,000	54.73	1,221,113,000
1927	100.4	257,000	56.00	14,392,000	99.3	22,159,000	59.24	1,312,673,000
1928	100.0	257,000	69.00	17,733,000	99.9	22,129,000	73.47	1,625,875,000
1929	100.4	258,000	77.00	19,866,000	100.9	22,330,000	83.99	1,875,538,000
1930	100.4	259,000	72.00	18,648,000	102.6	22,910,000	82.80	1,897,011,000
1931	100.4	260,000	56.00	14,560,000	102.8	23,558,000	57.11	1,345,479,000
1932	102.3	266,000	36.00	9,576,000	103.5	24,379,000	39.61	965,758,000

HEIFERS 1 TO 2 YEARS OLD BEING KEPT FOR MILK COWS

1920	----	46,000	----	----	----	4,420,000	----	-----
1921	102.2	47,000	----	----	94.2	4,164,000	----	-----
1922	102.1	48,000	----	----	95.4	3,972,000	----	-----
1923	102.1	49,000	----	----	104.6	4,155,000	----	-----
1924	102.0	50,000	----	----	99.7	4,143,000	----	-----
1925	110.0	55,000	----	----	100.7	4,171,000	----	-----
1926	100.0	55,000	----	----	97.0	4,045,000	----	-----
1927	100.0	55,000	----	----	100.1	4,048,000	----	-----
1928	101.8	56,000	----	----	102.7	4,158,000	----	-----
1929	101.8	57,000	----	----	105.9	4,404,000	----	-----
1930	100.0	57,000	----	----	106.7	4,700,000	----	-----
1931	100.0	57,000	----	----	101.6	4,777,000	----	-----
1932	103.5	59,000	----	----	97.7	4,665,000	----	-----

ALL SHEEP AND LAMBS, INCLUDING SHEEP AND LAMBS ON FEED

1910	----	1,426,000	\$ 4.80	\$ 6,845,000	----	52,488,000	\$ 4.12	\$ 216,030,000
1920	137.7	1,964,000	9.10	17,872,000	77.4	40,643,000	10.45	424,644,000
1921	114.4	2,247,000	5.40	12,134,000	96.9	39,378,000	6.27	246,744,000
1922	86.3	1,940,000	4.70	9,118,000	93.5	36,821,000	4.79	176,447,000
1923	126.2	2,449,000	7.40	18,123,000	99.7	36,695,000	7.49	274,993,000
1924	95.0	2,327,000	7.40	17,220,000	100.9	37,020,000	7.88	291,840,000
1925	110.2	2,565,000	10.30	26,420,000	103.7	38,392,000	9.68	371,639,000
1926	100.0	2,565,000	10.50	26,933,000	104.7	40,183,000	10.48	421,086,000
1927	80.0	2,051,000	9.40	19,279,000	105.3	42,302,000	9.67	409,184,000
1928	147.2	3,020,000	9.60	28,992,000	106.7	45,121,000	10.22	461,989,000
1929	103.3	3,118,000	10.60	33,051,000	106.9	48,249,000	10.59	510,208,000
1930	120.3	3,750,000	9.00	33,843,000	106.5	51,383,000	8.94	459,208,000
1931	89.4	3,351,000	5.60	18,659,000	102.7	52,745,000	5.35	282,352,000
1932	100.3	3,361,000	3.10	10,575,000	102.2	53,912,000	3.40	183,255,000

ESTIMATED NUMBERS AND VALUES OF LIVESTOCK ON FARMS JANUARY 1

SWINE, INCLUDING PIGS

Year	COLORADO				UNITED STATES			
	Numbers		Values, Dollars		Numbers		Values, Dollars	
	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate
1910	---	179,000	\$ 8.75	\$ 1,566,000	---	58,186,000	\$ 9.17	\$ 533,309,000
1920	251.4	450,000	17.80	8,010,000	103.4	60,159,000	20.00	1,203,052,000
1921	92.0	414,000	12.20	5,051,000	98.0	58,942,000	13.63	803,544,000
1922	109.9	455,000	9.50	4,322,000	101.5	59,849,000	10.58	633,313,000
1923	130.1	592,000	10.40	6,157,000	115.8	69,304,000	12.29	851,838,000
1924	97.1	575,000	9.40	5,405,000	96.1	65,576,000	10.30	685,574,000
1925	85.7	493,000	10.90	5,374,000	83.8	55,770,000	13.15	733,220,000
1926	89.8	443,000	13.60	6,025,000	93.4	52,085,000	15.66	815,412,000
1927	100.0	443,000	16.00	7,088,000	106.5	55,468,000	17.19	953,495,000
1928	114.8	509,000	13.10	6,668,000	111.4	61,772,000	13.17	813,639,000
1929	108.0	550,000	12.10	6,655,000	95.2	58,789,000	12.94	760,695,000
1930	90.0	495,000	12.00	5,943,000	94.1	55,301,000	13.46	744,308,000
1931	105.0	520,000	11.10	5,769,000	98.3	54,374,000	11.36	617,668,000
1932	120.0	624,000	5.20	3,271,000	109.4	59,511,000	6.14	365,133,000

HORSES AND COLTS

1910	---	294,000	\$93.13	\$27,380,000	---	19,833,000	\$108.00	\$2,141,964,000
1920	143.1	421,000	79.00	33,259,000	101.3	20,092,000	96.48	1,938,447,000
1921	100.0	421,000	63.00	26,523,000	96.4	19,366,000	84.54	1,637,181,000
1922	98.6	415,000	56.00	23,240,000	96.9	18,760,000	71.05	1,332,822,000
1923	96.4	400,000	48.00	19,200,000	96.6	18,123,000	70.51	1,277,873,000
1924	96.3	385,000	45.00	17,325,000	95.8	17,365,000	65.42	1,135,967,000
1925	95.3	367,000	43.00	15,781,000	95.8	16,640,000	64.28	1,069,654,000
1926	98.1	360,000	47.00	16,920,000	96.6	16,067,000	65.32	1,049,442,000
1927	96.1	346,000	44.00	15,224,000	95.6	15,368,000	63.74	979,509,000
1928	99.1	343,000	43.00	14,749,000	96.0	14,768,000	66.68	984,763,000
1929	100.0	343,000	47.00	16,121,000	96.2	14,203,000	69.63	988,953,000
1930	98.5	338,000	44.00	15,023,000	96.3	13,684,000	69.86	955,964,000
1931	97.9	331,000	41.00	13,420,000	96.2	13,165,000	60.43	795,541,000
1932	98.0	324,000	34.00	11,008,000	96.3	12,679,000	53.37	676,698,000

MULES AND MULE COLTS

1910	---	14,700	\$122.03	\$ 1,794,000	---	4,210,000	\$120.20	\$ 506,042,000
1920	210.9	31,000	102.00	3,162,000	134.3	5,656,000	148.25	838,530,000
1921	103.2	32,000	91.00	2,912,000	102.1	5,772,000	117.37	677,475,000
1922	106.3	34,000	70.00	2,380,000	101.0	5,827,000	88.99	518,558,000
1923	105.9	36,000	62.00	2,232,000	101.2	5,895,000	86.86	512,067,000
1924	105.6	38,000	61.00	2,318,000	100.2	5,908,000	85.89	507,435,000
1925	100.0	38,000	57.00	2,166,000	100.2	5,918,000	82.91	490,668,000
1926	97.3	37,000	59.00	2,183,000	99.7	5,903,000	81.51	481,153,000
1927	94.6	35,000	55.00	1,925,000	98.3	5,801,000	74.50	432,181,000
1928	91.6	32,000	56.00	1,792,000	97.3	5,647,000	79.79	450,585,000
1929	96.9	31,000	58.00	1,798,000	97.3	5,496,000	82.39	452,825,000
1930	96.8	30,000	57.00	1,721,000	97.6	5,366,000	83.76	449,480,000
1931	93.3	28,000	52.00	1,445,000	97.2	5,215,000	69.17	360,736,000
1932	96.0	27,000	42.00	1,132,000	97.4	5,082,000	60.69	308,440,000

TOTAL VALUE OF ALL LIVESTOCK JANUARY 1

Colorado		United States			
1910	\$ 68,660,000	\$4,910,408,000	1926	\$ 97,053,000	\$4,982,493,000
1920	149,626,000	8,108,569,000	1927	94,413,000	5,081,770,000
1921	108,723,000	6,048,190,000	1928	116,507,000	5,590,982,000
1922	88,452,000	4,748,947,000	1929	136,206,000	6,114,876,000
1923	91,388,000	5,052,481,000	1930	130,515,000	5,994,970,000
1924	84,926,000	4,736,825,000	1931	97,617,000	4,450,705,000
1925	87,831,000	4,670,532,000	1932	60,656,000	3,195,748,000

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	20,313,000	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	88.66	1,286,547	56,989,000	44.30
1920	337,903	22,856,000	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	29,539	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	32,528	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	1,335,801	42.19	828,797	17,095,126	20.62
1927	260,008	8,764,003	35.06	30,306	1,250,836	41.27	804,548	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	800,198	27,312,372	34.13
1931	216,811	6,704,193	30.92	20,588	803,274	39.02	864,846	23,119,472	26.73

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	1,579,560	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	1,157,544	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	1,619,404	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	6,467,827	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	9.77
1929	177,856	8,505,365	47.82	1,436,385	10,644,536	7.41	184,530	1,802,999	9.73
1930	171,382	8,092,468	47.22	1,486,492	8,340,788	5.61	178,906	1,746,068	9.76
1931	168,487	6,548,819	38.87	1,508,675	5,446,916	3.61	184,383	1,652,581	8.96

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	\$ 591,870	
1917	77,211	1,149,145	946,156	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	1,750,968	
1930	123,823	1,274,389	1,863,330	1,424,824	
1931	136,268	1,576,460	1,302,892	997,090	

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.

STOCKYARD RECEIPTS OF LIVESTOCK FROM COLORADO*

SHEEP AND LAMBS†
(Number of Head)

MONTH	1926	1927	1928	1929	1930	1931
January	170,690	65,858	150,706	189,086	232,928	131,753
February	295,756	90,911	425,693	328,893	381,263	271,120
March	518,824	278,440	515,871	401,271	624,761	494,331
April	415,676	308,161	445,345	443,237	607,367	536,617
May	135,790	95,345	90,624	247,337	238,165	207,353
June	18,709	19,637	13,985	42,926	15,891	10,586
July	28,562	17,098	38,272	20,708	20,697	10,677
August	49,991	52,419	58,690	47,280	46,132	48,632
September	290,935	238,242	289,489	245,997	304,553	290,428
October	397,272	493,764	584,920	492,127	444,945	403,409
November	93,019	122,274	110,833	115,765	130,233	128,602
December	51,974	75,100	65,263	70,479	68,353	112,046
Total	2,467,198	1,857,249	2,789,691	2,645,106	3,115,288	2,645,554

CATTLE
(Number of Head)

January	36,071	55,566	49,754	44,856	44,553	34,305
February	24,073	43,742	32,689	23,999	29,933	24,547
March	42,269	46,279	35,956	44,521	49,664	37,000
April	37,514	40,950	44,566	47,698	42,769	46,360
May	32,794	43,940	28,890	43,182	36,801	53,807
June	22,983	17,699	18,256	22,388	27,181	40,049
July	14,052	10,279	13,958	20,410	14,890	30,208
August	16,766	17,777	16,925	16,801	12,110	24,925
September	41,541	32,721	42,622	37,162	30,848	33,486
October	81,706	117,551	95,378	94,258	66,681	68,451
November	101,461	100,513	92,206	88,951	63,023	99,913
December	39,712	40,531	54,516	44,372	39,160	35,828
Total	490,942	567,548	525,716	528,598	457,613	528,879

CALVES
(Number of Head)

January	4,617	4,809	6,728	6,535	5,834	5,858
February	3,072	3,224	3,376	2,779	3,487	2,300
March	3,903	3,315	3,188	3,778	4,024	2,945
April	3,443	3,393	4,447	5,302	3,297	3,507
May	4,777	3,543	3,394	4,268	2,943	3,971
June	3,600	2,955	2,570	3,220	2,854	2,942
July	2,262	2,117	2,392	2,705	2,034	2,480
August	3,605	3,256	2,729	2,741	1,867	3,424
September	4,375	3,119	3,397	3,038	2,509	4,327
October	5,009	9,602	11,804	6,031	7,061	6,404
November	7,173	10,223	9,457	10,235	8,569	10,762
December	3,189	3,160	4,636	4,530	5,034	5,172
Total	49,025	52,716	58,118	55,162	49,513	54,092

HOGS
(Number of Head)

January	27,336	34,695	44,572	57,733	47,997	39,582
February	27,703	33,984	44,919	49,897	44,382	35,781
March	36,124	37,934	40,940	46,125	38,581	31,312
April	33,736	26,656	35,468	42,897	41,505	29,908
May	24,102	31,112	32,107	39,845	37,425	34,980
June	21,434	25,147	29,534	32,575	33,320	34,293
July	13,138	15,578	24,138	31,733	26,941	31,496
August	18,813	15,975	16,589	28,034	20,030	29,589
September	16,911	14,737	21,737	28,035	24,529	25,334
October	11,707	14,739	27,429	30,306	24,792	30,055
November	21,064	21,470	30,626	26,969	23,289	27,612
December	23,727	24,071	39,492	37,230	28,630	29,894
Total	275,795	296,098	387,551	451,379	391,421	380,141

*Some duplication between markets has been eliminated. The figures include all stockyard receipts of Colorado livestock, whether shipped to Colorado stockyards or to yards in other states.

†Net receipts include some New Mexico, Wyoming and Utah sheep shipped from Colorado points.

HORSES IN COLORADO, 1930 AND 1931
(From Reports of County Assessors to State Tax Commission)

COUNTY	1931			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	5,669	\$ 186,290	\$32.86	5,772	\$ 203,530	\$35.26
Alamosa	1,460	81,795	56.02	1,656	97,580	58.93
Arapahoe	2,646	85,705	32.39	2,660	96,280	36.20
Archuleta	1,275	38,345	30.08	1,161	36,635	31.55
Baca	7,167	135,745	18.94	6,864	124,238	18.10
Bent	4,207	110,765	26.33	4,412	117,265	26.57
Boulder	3,591	129,120	35.96	3,473	141,440	40.73
Chaffee	893	32,680	36.60	921	38,120	41.39
Cheyenne	2,370	60,395	25.49	2,801	70,345	25.11
Clear Creek	210	7,515	35.79	124	5,125	41.33
Conejos	2,146	90,660	42.25	2,151	85,960	39.96
Costilla	1,885	47,190	25.03	1,345	47,665	35.44
Crowley	2,597	87,515	33.73	2,676	88,100	34.20
Custer	1,092	31,730	29.06	1,111	32,865	29.58
Delta	3,975	129,345	32.54	3,848	134,765	35.02
Denver	556	24,510	44.08	613	28,180	45.97
Dolores	415	9,985	24.06	464	10,950	23.60
Douglas	1,591	83,125	52.24	1,945	99,150	50.98
Eagle	2,297	78,040	33.97	2,348	88,965	37.89
Elbert	5,454	173,096	31.74	5,928	190,985	32.22
El Paso	4,937	140,600	28.19	4,670	138,360	29.63
Fremont	1,299	37,685	29.01	1,432	42,395	29.61
Garfield	5,316	193,995	36.50	4,691	193,685	41.29
Gilpin	130	4,130	31.77	125	3,735	29.88
Grand	1,859	48,700	26.20	2,201	59,070	26.84
Gunnison	2,523	93,900	37.22	2,528	99,190	39.24
Hinsdale	196	4,590	23.42	159	5,185	32.61
Huerfano	1,819	51,085	28.08	1,856	51,475	27.73
Jackson	2,862	58,430	20.41	2,580	50,440	19.55
Jefferson	2,921	79,950	27.37	2,912	96,645	33.19
Kiowa	957	38,280	40.00	1,110	44,360	39.96
Kit Carson	7,622	234,091	30.71	7,393	265,736	35.94
Lake	150	6,225	41.50	234	8,360	35.73
La Plata	2,856	71,400	25.00	2,931	83,005	28.32
Larimer	7,452	250,540	33.62	7,764	267,700	34.48
Las Animas	6,310	126,091	19.98	6,908	139,139	20.14
Lincoln	4,945	114,790	23.21	5,487	131,835	24.03
Logan	9,503	295,280	31.07	9,831	319,250	32.47
Mesa	5,325	185,150	34.77	5,510	200,655	36.41
Mineral	280	8,395	29.98	323	9,195	28.46
Moffat	4,571	88,320	19.32	5,284	104,380	19.75
Montezuma	1,725	65,355	37.88	2,315	67,875	29.32
Montrose	3,703	130,990	35.38	4,724	148,010	31.33
Morgan	7,598	239,010	31.46	8,187	269,310	32.90
Otero	5,204	160,990	30.93	5,557	188,445	33.91
Ouray	600	16,800	28.00	590	16,570	28.08
Park	1,774	60,760	34.25	1,643	58,860	35.83
Phillips	3,283	106,215	32.35	3,264	105,175	32.22
Pitkin	822	21,320	25.94	847	27,400	32.35
Prowers	8,515	175,085	20.56	8,814	185,516	21.05
Pueblo	4,244	141,180	33.27	4,405	155,295	35.25
Rio Blanco	2,465	81,760	33.17	2,660	88,115	33.13
Rio Grande	2,196	85,075	38.74	2,437	106,085	43.53
Routt	5,399	190,990	35.38	5,638	209,750	37.20
Saguache	2,100	71,020	33.82	2,415	80,918	33.50
San Juan	37	1,785	48.24	44	2,255	51.25
San Miguel	609	24,925	40.93	627	29,215	46.59
Sedgwick	2,399	90,515	37.73	2,506	98,440	39.28
Summit	449	15,655	34.87	465	17,670	38.00
Teller	664	21,560	32.47	689	19,450	28.23
Washington	8,378	202,935	24.22	8,728	218,945	25.09
Weid	21,071	791,850	37.58	22,000	848,670	38.58
Yuma	8,197	253,240	30.89	8,952	300,310	33.55
State	216,811	\$6,704,193	\$30.92	225,609	\$7,294,217	\$32.33

MULES IN COLORADO, 1930 AND 1931
 (From Reports of County Assessors to State Tax Commission)

COUNTY	1931			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams -----	329	\$ 12,565	\$38.20	352	\$ 13,540	\$38.46
Alamosa -----	114	8,200	71.93	147	10,675	72.62
Arapahoe -----	214	8,345	39.00	200	8,215	41.08
Archuleta -----	58	1,876	32.33	59	2,240	37.97
Baca -----	878	22,445	25.56	650	16,510	25.40
Bent -----	440	16,165	36.74	465	18,635	40.07
Boulder -----	335	16,270	48.57	382	19,580	51.26
Chaffee -----	21	840	40.00	18	770	42.78
Cheyenne -----	242	7,365	30.43	302	10,085	33.40
Clear Creek -----	-----	-----	-----	2	30	15.00
Conejos -----	262	12,870	49.12	234	11,680	50.00
Costilla -----	84	4,020	47.85	76	2,780	36.58
Crowley -----	399	15,755	39.48	377	17,390	46.13
Custer -----	33	960	29.08	29	1,000	34.48
Delta -----	341	13,650	40.03	304	13,480	44.34
Denver -----	53	1,660	31.32	53	2,450	46.23
Dolores -----	55	1,620	29.45	79	2,320	29.37
Douglas -----	86	4,280	49.76	69	3,550	51.45
Eagle -----	95	4,415	46.47	82	4,190	51.10
Elbert -----	720	25,090	34.85	735	28,375	38.61
El Paso -----	1,119	36,260	32.40	1,124	39,450	35.10
Fremont -----	141	5,360	38.02	130	6,796	52.28
Garfield -----	270	12,220	45.26	264	12,300	46.60
Gilpin -----	1	25	25.00	1	30	30.00
Grand -----	14	495	35.36	18	540	30.00
Gunnison -----	256	10,110	39.49	256	12,900	50.40
Hinsdale -----	2	30	15.00	-----	-----	-----
Huerfano -----	215	9,575	44.53	416	32,605	78.37
Jackson -----	27	730	27.04	55	1,460	26.54
Jefferson -----	111	4,175	37.61	144	6,345	44.06
Kiowa -----	171	6,840	40.00	166	6,640	40.00
Kit Carson -----	911	30,550	33.53	1,021	37,825	37.05
Lake -----	-----	-----	-----	2	100	50.00
La Plata -----	167	4,195	25.12	171	4,900	28.65
Larimer -----	660	27,240	41.27	810	30,980	38.25
Las Animas -----	860	51,485	59.87	1,160	68,920	59.41
Lincoln -----	611	17,805	29.14	685	21,075	30.77
Logan -----	700	28,460	40.66	800	32,855	41.07
Mesa -----	302	11,920	39.47	430	18,310	42.58
Mineral -----	15	740	49.33	12	710	59.16
Moffat -----	137	4,410	32.19	215	6,905	32.11
Montezuma -----	249	11,020	44.25	277	9,100	32.85
Montrose -----	253	8,690	34.35	247	9,340	37.81
Morgan -----	733	30,780	41.99	764	34,320	44.92
Otero -----	964	45,740	47.45	926	46,155	49.84
Ouray -----	36	900	25.00	46	1,250	27.17
Park -----	74	3,220	43.51	63	3,430	54.44
Phillips -----	389	16,010	41.15	388	16,160	41.65
Pitkin -----	12	380	31.67	14	340	24.29
Prowers -----	1,049	29,364	27.99	1,084	31,551	29.11
Pueblo -----	393	18,190	46.28	396	18,645	47.09
Rio Blanco -----	172	6,480	37.67	179	6,935	38.74
Rio Grande -----	432	19,555	45.26	480	24,730	51.52
Routt -----	36	1,440	40.00	30	1,500	50.00
Saguache -----	211	8,065	38.22	240	9,265	38.60
San Juan -----	30	940	31.33	30	1,220	40.66
San Miguel -----	24	920	38.33	31	1,230	39.68
Sedgwick -----	251	11,935	47.55	275	12,240	44.51
Summit -----	2	70	35.00	3	90	30.00
Teller -----	34	1,420	41.77	40	2,430	60.75
Washington -----	609	16,160	26.54	628	17,335	27.60
Weid -----	2,030	88,780	43.73	2,132	93,060	43.65
Yuma -----	1,156	42,200	36.51	1,226	47,720	38.92
State -----	20,588	\$803,274	\$39.02	21,994	\$917,187	\$41.70

DAIRY CATTLE IN COLORADO, 1930 AND 1931
(From Reports of County Assessors to State Tax Commission)

COUNTY	1931			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	6,661	\$ 270,525	\$40.61	6,760	\$ 321,010	\$47.49
Alamosa	1,116	48,775	43.71	1,164	58,190	49.99
Arapahoe	4,511	204,115	45.25	4,359	227,770	52.25
Archuleta	806	40,380	50.10	651	32,695	50.22
Baca	1,759	55,981	31.83	1,535	65,430	42.63
Bent	1,616	59,010	36.52	1,489	69,435	46.63
Boulder	5,774	211,320	36.60	5,800	257,480	44.39
Chaffee	864	31,075	35.97	904	45,020	49.80
Cheyenne	978	29,690	30.36	853	44,500	52.17
Clear Creek	71	3,260	45.92	100	4,970	49.70
Conejos	1,749	73,675	42.12	1,564	78,650	50.29
Costilla	225	11,190	49.73	383	19,190	50.10
Crowley	1,230	47,200	38.37	939	47,140	50.20
Custer	808	34,170	42.29	803	35,070	43.67
Delta	4,899	197,190	40.25	4,195	209,750	50.00
Denver	337	17,410	51.66	350	15,290	43.69
Dolores	172	6,295	36.60	323	13,126	40.64
Douglas	4,541	229,735	50.59	4,805	240,310	50.01
Eagle	1,210	48,400	40.00	1,192	59,600	50.00
Elbert	3,845	155,000	40.31	6,152	308,325	50.12
El Paso	8,153	310,020	38.03	7,480	360,420	48.18
Fremont	1,436	64,865	45.17	1,684	89,832	53.34
Garfield	3,481	158,200	45.45	3,313	166,670	50.31
Gilpin	38	1,600	42.11	39	1,720	44.10
Grand	1,307	39,420	30.16	1,215	60,950	50.16
Gunnison	1,232	48,955	39.74	1,269	63,470	50.02
Hinsdale	76	3,080	40.53	266	10,704	40.24
Huerfano	1,667	58,985	35.38	1,756	76,123	43.35
Jackson	681	27,240	40.00	696	34,800	50.00
Jefferson	4,672	205,070	43.89	4,596	236,420	51.44
Kiowa	516	25,800	50.00	563	28,150	50.00
Kit Carson	5,083	194,064	38.18	5,403	272,145	50.37
Lake	161	8,075	50.16	163	8,150	50.00
La Plata	2,523	101,640	40.29	2,448	123,490	50.44
Larimer	6,230	292,600	46.97	6,618	319,990	48.31
Las Animas	2,344	101,475	43.29	3,737	162,068	43.37
Lincoln	3,278	109,550	33.42	2,950	136,835	46.38
Logan	7,349	236,655	32.20	7,040	302,035	42.90
Mesa	6,023	253,990	42.17	6,490	324,830	50.05
Mineral	84	3,620	43.10	83	3,910	47.11
Moffat	1,266	46,090	36.41	1,400	67,080	47.91
Montezuma	2,767	101,235	36.59	2,538	127,120	50.09
Montrose	3,529	132,455	37.53	3,184	159,235	50.01
Morgan	5,836	201,960	34.61	6,069	250,290	41.24
Otero	3,232	119,415	36.95	3,261	169,715	52.04
Ouray	479	17,370	36.26	483	22,460	46.50
Park	731	30,350	41.52	692	34,710	50.16
Phillips	2,992	100,810	33.69	2,877	115,070	40.00
Pitkin	442	13,280	30.05	503	20,120	40.00
Prowers	4,209	138,129	32.82	3,673	157,470	42.87
Pueblo	4,454	178,470	40.07	4,371	202,635	46.36
Rio Blanco	719	31,690	44.08	711	39,555	55.63
Rio Grande	1,296	57,090	44.05	1,302	65,100	50.00
Routt	3,033	122,330	40.33	3,320	166,630	50.19
Saguache	681	27,150	39.87	801	40,080	50.04
San Juan	42	1,975	47.02	27	1,140	42.22
San Miguel	728	28,230	38.78	619	30,785	49.73
Sedgwick	2,208	84,850	38.43	2,078	91,180	43.88
Summit	308	12,320	40.00	360	14,400	40.00
Teller	549	22,730	41.40	570	24,100	42.28
Washington	4,157	152,540	36.69	2,380	119,180	50.08
Weld	20,962	774,540	36.95	20,167	916,770	45.46
Yuma	4,361	134,510	30.84	7,866	321,980	40.93
State	168,487	\$6,548,819	\$38.87	171,382	\$8,092,468	\$47.22

RANGE CATTLE IN COLORADO, 1930 AND 1931
(From Reports of County Assessors to State Tax Commission)

COUNTY	1931			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams -----	6,087	\$ 167,290	\$27.48	5,537	\$ 182,910	\$33.03
Alamosa -----	7,314	198,775	27.18	6,369	209,185	32.84
Arapahoe -----	5,676	154,900	27.29	6,238	220,825	35.40
Archuleta -----	10,076	263,526	26.15	8,901	306,237	34.40
Baca -----	24,153	633,508	26.23	21,902	747,781	34.14
Bent -----	14,214	363,055	25.54	13,083	445,300	34.04
Boulder -----	6,084	164,700	27.07	5,832	193,650	33.20
Chaffee -----	5,350	150,375	28.11	4,980	171,825	34.50
Cheyenne -----	18,351	469,845	25.60	19,821	666,365	33.62
Clear Creek -----	371	9,575	25.81	196	6,920	35.31
Conejos -----	10,192	265,465	26.05	10,370	369,580	35.64
Costilla -----	1,806	46,195	25.58	1,977	66,390	33.58
Crowley -----	8,000	207,480	25.94	9,689	325,450	33.59
Custer -----	6,529	169,740	26.00	6,150	205,975	33.49
Delta -----	17,830	477,225	26.77	16,890	571,085	33.81
Denver -----						
Dolores -----	3,973	108,360	27.27	2,800	98,643	35.23
Douglas -----	14,677	456,950	31.13	12,368	469,570	37.97
Eagle -----	18,186	499,940	27.49	16,340	575,899	35.24
Elbert -----	22,235	588,235	26.46	19,162	642,369	33.52
El Paso -----	20,399	610,720	29.94	20,722	731,380	35.29
Fremont -----	8,384	227,460	27.13	8,049	273,975	34.04
Garfield -----	27,458	730,720	26.61	24,666	856,320	34.72
Gilpin -----	938	24,274	25.88	494	16,001	32.39
Grand -----	11,997	333,480	27.80	10,820	393,185	36.34
Gunnison -----	30,413	792,860	26.07	28,027	954,250	34.05
Hinsdale -----	1,320	34,505	26.14	1,371	46,279	33.76
Huerfano -----	11,158	297,450	26.66	11,109	391,233	35.22
Jackson -----	28,841	810,740	28.11	26,766	901,880	33.69
Jefferson -----	9,650	271,110	28.09	9,038	312,800	34.61
Kiowa -----	12,506	342,305	27.37	13,161	443,650	33.71
Kit Carson -----	19,286	506,406	26.26	16,750	562,024	33.55
Lake -----	403	13,990	34.71	394	14,090	35.76
La Plata -----	12,577	320,605	25.49	11,776	392,345	33.32
Larimer -----	19,983	557,420	27.89	17,975	613,450	34.13
Las Animas -----	44,388	1,128,320	25.42	40,426	1,447,187	35.80
Lincoln -----	25,201	669,035	26.55	25,193	846,085	33.58
Logan -----	20,595	538,435	26.14	18,385	628,355	34.18
Mesa -----	33,825	905,480	26.77	33,071	1,093,920	33.08
Mineral -----	1,139	30,695	26.95	1,381	49,320	35.71
Moffat -----	14,274	385,700	27.02	12,595	426,265	33.84
Montezuma -----	9,976	267,760	26.84	8,475	268,960	31.74
Montrose -----	17,157	441,370	25.73	15,095	502,305	33.28
Morgan -----	11,893	302,690	25.45	10,210	331,580	32.48
Otero -----	10,805	287,170	26.58	11,407	374,875	32.86
Ouray -----	7,085	182,800	25.80	6,150	198,585	32.29
Park -----	12,679	378,130	29.82	11,520	398,740	34.61
Phillips -----	3,666	101,430	27.67	3,524	114,980	32.63
Pitkin -----	5,090	140,200	27.54	4,828	165,025	34.18
Prowers -----	16,564	423,951	25.58	14,051	464,309	33.04
Pueblo -----	20,620	549,405	26.64	18,567	642,980	34.63
Rio Blanco -----	30,140	795,170	26.38	26,922	898,900	33.39
Rio Grande -----	9,271	235,490	25.40	9,397	309,480	32.93
Routt -----	28,913	813,470	28.13	24,429	905,390	37.06
Saguache -----	25,316	662,728	26.18	25,122	838,623	33.38
San Juan -----	195	4,983	25.55	143	5,030	35.17
San Miguel -----	5,471	139,900	25.57	5,117	169,525	33.13
Sedgwick -----	5,945	155,470	26.15	5,386	180,540	33.52
Summit -----	3,021	77,930	25.80	3,478	117,530	33.79
Teller -----	4,400	131,965	29.99	4,478	158,865	35.48
Washington -----	23,510	599,031	25.48	22,641	757,627	33.46
Weld -----	25,336	680,620	26.86	21,548	740,890	34.38
Yuma -----	31,954	820,960	25.69	26,936	897,680	33.33
State -----	864,846	\$23,119,472	\$26.73	800,198	\$27,312,372	\$34.13

SHEEP IN COLORADO, 1930 AND 1931
(From Reports of County Assessors to State Tax Commission)

COUNTY	1931			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams -----	3,412	\$ 11,965	\$ 3.51	5,002	\$ 27,500	\$ 5.50
Alamosa -----	13,998	51,980	3.71	8,472	51,920	6.13
Arapahoe -----	7,850	27,500	3.50	7,843	43,415	5.54
Archuleta -----	32,765	114,680	3.50	22,365	123,770	5.53
Baca -----	7,520	26,320	3.50	7,560	41,580	5.50
Bent -----	13,949	48,820	3.50	17,533	96,435	5.50
Boulder -----	3,800	13,600	3.58	5,698	31,340	5.50
Chaffee -----	6,394	23,185	3.63	6,154	34,165	5.55
Cheyenne -----	9,755	34,215	3.51	10,414	57,435	5.52
Clear Creek -----	846	2,960	3.50	1,917	10,545	5.50
Conejos -----	85,130	305,725	3.59	82,154	452,440	5.51
Costilla -----	25,150	88,045	3.50	23,226	127,740	5.50
Crowley -----	7,270	25,755	3.54	6,069	33,470	5.52
Custer -----	4,058	14,210	3.50	4,286	23,570	5.50
Delta -----	56,435	200,765	3.56	52,303	289,350	5.53
Denver -----	-----	-----	-----	-----	-----	-----
Dolores -----	22,559	100,510	4.46	16,761	92,185	5.50
Douglas -----	5,980	21,815	3.65	1,070	8,390	7.84
Eagle -----	26,721	106,884	4.00	26,813	147,498	5.50
Elbert -----	11,320	41,247	3.64	10,424	58,140	5.58
El Paso -----	6,657	26,300	3.95	6,024	33,360	5.53
Fremont -----	2,850	10,248	3.60	2,850	15,925	5.59
Garfield -----	101,097	355,035	3.51	87,834	484,930	5.52
Gilpin -----	41	145	3.54	-----	-----	-----
Grand -----	13,409	47,755	3.56	16,796	94,875	5.65
Gunnison -----	56,534	199,020	3.52	48,659	274,100	5.63
Hinsdale -----	4,980	17,430	3.50	3,958	21,545	5.44
Huerfano -----	23,819	84,366	3.54	25,429	140,199	5.51
Jackson -----	29,343	103,030	3.51	25,678	141,190	5.50
Jefferson -----	1,705	6,410	3.76	3,008	16,535	5.50
Kiowa -----	6,078	21,275	3.50	8,490	46,695	5.50
Kit Carson -----	3,511	13,210	3.76	4,340	23,874	5.50
Lake -----	400	1,400	3.50	412	2,265	5.50
La Plata -----	30,470	106,645	3.50	31,388	172,575	5.50
Larimer -----	14,794	51,780	3.50	15,625	93,470	5.98
Las Animas -----	82,107	287,365	3.50	78,992	486,043	6.15
Lincoln -----	11,423	40,040	3.51	10,373	57,180	5.51
Logan -----	2,711	9,500	3.50	3,537	19,453	5.50
Mesa -----	63,470	230,800	3.64	98,660	552,640	5.60
Mineral -----	13,096	45,870	3.50	11,723	67,195	5.73
Moffat -----	91,845	329,900	3.59	88,721	496,840	5.60
Montezuma -----	32,364	153,865	4.75	42,731	235,020	5.50
Montrose -----	74,757	259,900	3.48	62,660	344,630	5.50
Morgan -----	2,837	9,720	3.43	1,546	8,500	5.50
Otero -----	30,079	105,275	3.50	29,527	162,400	5.50
Ouray -----	14,414	50,450	3.50	13,746	75,600	5.50
Park -----	48,903	189,895	3.88	42,040	246,370	5.86
Phillips -----	303	1,115	3.68	212	1,275	6.00
Pitkin -----	11,447	40,065	3.50	6,194	35,375	5.71
Prowers -----	9,101	31,854	3.50	13,933	76,631	5.50
Pueblo -----	10,234	36,530	3.57	12,432	68,440	5.50
Rio Blanco -----	71,247	249,450	3.50	69,975	395,460	5.65
Rio Grande -----	45,560	159,600	3.50	51,219	281,705	5.50
Routt -----	76,165	291,430	3.83	79,579	456,820	5.74
Saguache -----	74,361	262,994	3.54	79,230	447,967	5.65
San Juan -----	10,874	38,061	3.50	8,595	47,318	5.51
San Miguel -----	38,352	134,325	3.50	40,070	221,585	5.53
Sedgwick -----	437	1,530	3.50	1,137	6,255	5.50
Summit -----	2,817	9,862	3.50	2,130	11,720	5.50
Teller -----	330	1,170	3.55	358	1,980	5.53
Washington -----	18,206	64,890	3.56	13,541	74,550	5.51
Weld -----	28,518	99,820	3.50	23,755	130,650	5.50
Yuma -----	2,117	7,410	3.50	3,321	18,760	5.65
State -----	1,508,675	\$5,446,916	\$ 3.61	1,486,492	\$8,340,788	\$ 5.61

SWINE IN COLORADO, 1930 AND 1931
(From Reports of County Assessors to State Tax Commission)

COUNTY	1931			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams -----	11,020	\$ 101,375	\$ 9.20	11,788	\$ 91,390	\$ 7.75
Alamosa -----	1,176	13,535	11.51	1,444	16,840	11.66
Arapahoe -----	1,890	17,370	9.19	1,357	13,765	10.14
Archuleta -----	564	3,415	6.05	414	3,184	7.69
Baca -----	6,921	53,125	7.68	6,027	52,797	8.76
Bent -----	2,550	21,570	8.46	1,842	20,440	11.10
Boulder -----	1,802	17,590	9.76	1,432	14,870	10.39
Chaffee -----	1,277	9,190	7.20	1,459	12,345	8.46
Cheyenne -----	3,066	22,685	7.40	2,682	26,845	10.01
Clear Creek -----	-----	-----	-----	-----	-----	-----
Conejos -----	2,215	25,330	11.44	2,652	30,205	11.39
Costilla -----	1,800	12,425	6.90	1,267	12,315	9.72
Crowley -----	1,675	16,470	9.84	1,730	17,015	9.84
Custer -----	394	2,765	7.02	301	2,200	7.31
Delta -----	2,341	17,280	7.38	2,342	22,180	9.47
Denver -----	-----	-----	-----	-----	-----	-----
Dolores -----	107	875	8.18	134	1,885	14.07
Douglas -----	833	8,310	9.97	744	7,830	10.52
Eagle -----	506	6,072	12.00	468	5,616	12.00
Elbert -----	4,196	42,439	10.11	3,698	39,547	10.69
El Paso -----	3,617	31,490	8.71	3,327	33,430	10.05
Fremont -----	1,297	10,830	8.35	1,388	12,398	8.93
Garfield -----	2,724	23,935	8.79	2,711	25,825	9.53
Gilpin -----	-----	-----	-----	3	35	11.67
Grand -----	91	900	9.89	160	1,600	10.00
Gunnison -----	167	1,205	7.22	227	2,085	9.19
Hinsdale -----	-----	-----	-----	-----	-----	-----
Huerfano -----	436	3,480	7.98	448	4,060	9.06
Jackson -----	72	720	10.00	84	840	10.00
Jefferson -----	779	7,795	10.00	1,143	8,850	7.74
Kiowa -----	1,198	11,620	9.70	1,004	12,625	12.57
Kit Carson -----	15,207	132,752	8.73	12,424	127,292	10.24
Lake -----	-----	-----	-----	-----	-----	-----
La Plata -----	1,679	12,895	7.68	1,580	10,755	6.81
Larimer -----	2,619	24,950	9.52	2,581	24,520	9.50
Las Animas -----	1,150	9,828	8.55	1,167	12,892	11.05
Lincoln -----	5,786	49,625	8.58	5,264	49,595	9.42
Logan -----	14,000	124,185	8.87	12,479	121,065	9.70
Mesa -----	3,154	29,865	9.47	3,350	37,890	11.31
Mineral -----	-----	-----	-----	650	6,845	10.53
Moffat -----	792	7,140	9.02	1,021	6,850	6.71
Montezuma -----	828	7,660	9.25	1,021	6,850	6.71
Montrose -----	2,812	22,500	8.00	4,000	38,920	9.73
Morgan -----	7,401	66,180	8.94	9,225	75,110	8.14
Otero -----	4,138	35,685	8.62	3,920	37,725	9.62
Ouray -----	220	1,320	6.00	203	1,421	7.00
Park -----	64	485	7.58	42	460	11.00
Phillips -----	8,454	75,645	8.95	7,901	79,385	10.05
Pitkin -----	220	2,250	10.23	315	2,640	8.38
Prowers -----	5,655	49,544	8.76	6,972	60,696	8.71
Pueblo -----	2,958	21,725	7.34	3,251	24,605	7.57
Rio Blanco -----	298	2,740	9.19	321	3,210	10.00
Rio Grande -----	2,094	26,360	12.59	2,643	36,240	13.71
Routt -----	1,609	14,850	9.23	1,428	13,250	9.28
Saguache -----	835	9,493	11.37	1,190	15,095	12.68
San Juan -----	-----	-----	-----	-----	-----	-----
San Miguel -----	135	1,120	8.30	169	1,635	9.67
Sedgwick -----	4,563	51,650	11.32	3,382	43,395	12.83
Summit -----	29	348	12.00	31	375	12.00
Teller -----	67	535	7.99	50	505	10.10
Washington -----	13,182	113,535	8.61	12,859	126,250	9.82
Weld -----	11,593	114,550	9.88	10,716	111,280	10.38
Yuma -----	18,127	159,370	8.79	17,496	183,150	10.47
State -----	184,383	\$1,652,581	\$ 8.96	178,906	\$1,746,068	\$ 9.76

FOXES AND GOATS IN COLORADO, 1931
(From Reports of County Assessors to State Tax Commission)

COUNTY	FOXES, 1931			GOATS, 1931		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	-----	-----	-----	-----	-----	-----
Alamosa	-----	-----	-----	-----	-----	-----
Arapahoe	57	\$ 2,640	\$46.32	138	\$ 700	\$ 5.07
Archuleta	-----	-----	-----	1,654	5,235	3.16
Baca	27	1,365	50.56	-----	-----	-----
Bent	-----	-----	-----	-----	-----	-----
Boulder	281	12,430	44.24	-----	-----	-----
Chaffee	-----	-----	-----	40	200	5.00
Cheyenne	-----	-----	-----	-----	-----	-----
Clear Creek	4	160	40.00	28	280	10.00
Conejos	-----	-----	-----	-----	-----	-----
Costilla	20	1,000	50.00	91	455	5.00
Crowley	-----	-----	-----	23	95	4.13
Custer	120	6,000	50.00	-----	-----	-----
Delta	-----	-----	-----	3,554	3,745	1.05
Denver	-----	-----	-----	-----	-----	-----
Dolores	-----	-----	-----	200	1,080	5.40
Douglas	204	9,460	46.37	470	2,135	4.54
Eagle	28	1,400	50.00	9	45	5.00
Elbert	40	2,000	50.00	-----	-----	-----
El Paso	434	21,700	50.00	319	2,790	8.75
Fremont	-----	-----	-----	100	350	3.50
Garfield	123	6,000	48.78	-----	-----	-----
Gilpin	74	4,220	57.02	14	42	3.00
Grand	18	900	50.00	-----	-----	-----
Gunnison	58	2,600	44.86	153	390	2.55
Hinsdale	-----	-----	-----	-----	-----	-----
Huerfano	20	1,000	50.00	236	635	2.69
Jackson	5	150	30.00	4	40	10.00
Jefferson	1,221	54,590	44.71	261	1,425	5.46
Kiowa	-----	-----	-----	-----	-----	-----
Kit Carson	-----	-----	-----	52	172	3.31
Lake	-----	-----	-----	-----	-----	-----
La Plata	110	5,500	50.00	909	1,265	1.39
Larimer	166	8,300	50.00	55	330	6.00
Las Animas	-----	-----	-----	5,590	14,976	2.68
Lincoln	-----	-----	-----	-----	-----	-----
Logan	-----	-----	-----	-----	-----	-----
Mesa	8	640	80.00	415	1,300	3.13
Mineral	-----	-----	-----	9	225	25.00
Moffat	-----	-----	-----	120	365	3.02
Montezuma	-----	-----	-----	140	620	4.43
Montrose	60	3,025	50.41	-----	-----	-----
Morgan	84	4,200	50.00	-----	-----	-----
Otero	-----	-----	-----	-----	-----	-----
Ouray	-----	-----	-----	-----	-----	-----
Park	20	1,000	50.00	73	300	4.11
Phillips	-----	-----	-----	-----	-----	-----
Pitkin	23	1,150	50.00	-----	-----	-----
Prowers	-----	-----	-----	153	520	3.40
Pueblo	18	900	50.00	304	1,340	4.41
Rio Blanco	-----	-----	-----	-----	-----	-----
Rio Grande	192	8,340	43.44	-----	-----	-----
Routt	42	1,380	32.86	-----	-----	-----
Saguache	-----	-----	-----	-----	-----	-----
San Juan	-----	-----	-----	-----	-----	-----
San Miguel	-----	-----	-----	-----	-----	-----
Sedgwick	30	1,500	50.00	-----	-----	-----
Summit	6	300	50.00	-----	-----	-----
Teller	104	3,580	34.42	84	280	3.33
Washington	-----	-----	-----	-----	-----	-----
Weld	-----	-----	-----	-----	-----	-----
Yuma	-----	-----	-----	5	10	2.00
State	3,597	\$167,430	\$46.55	15,203	\$ 41,345	\$ 2.72

AVERAGE VALUE OF HORSES AND MULES PER HEAD AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1930, 1931.

COUNTY	HORSES				MULES			
	1931	1930	1919	1914	1931	1930	1919	1914
Adams	\$32.86	\$35.26	\$87.30	\$73.58	\$38.20	\$38.47	\$113.50	\$93.64
Alamosa	56.02	58.93	73.33	43.74	71.93	72.62	111.90	81.57
Arapahoe	32.39	36.20	68.36	62.86	39.00	41.08	84.73	82.05
Archuleta	30.08	31.55	61.72	44.12	32.33	37.97	60.00	63.71
Baca	18.94	18.10	45.00	34.20	25.56	25.40	60.00	45.97
Bent	36.33	26.57	57.71	58.20	36.74	40.07	70.25	68.11
Boulder	35.96	40.73	113.04	83.55	48.57	51.26	114.81	88.59
Chaffee	36.60	41.39	62.88	55.67	40.00	42.78	85.00	100.00
Cheyenne	25.49	25.11	59.09	40.61	30.43	33.40	81.56	73.34
Clear Creek	35.79	41.33	66.39	70.03	...	15.00	62.50	112.50
Conejos	42.25	39.96	75.40	66.50	49.12	50.00	87.00	98.53
Costilla	25.03	35.44	74.50	46.12	47.85	36.58	76.68	100.73
Crowley	33.73	34.20	67.61	70.03	39.48	46.13	84.74	94.80
Custer	29.06	29.58	67.51	60.36	29.08	34.48	67.80	53.21
Delta	32.54	35.02	85.01	75.17	40.03	44.34	95.20	102.97
Denver	44.08	45.97	100.00	63.79	31.32	46.23	100.00	77.16
Dolores	24.06	23.60	78.72	67.70	29.45	29.37	105.78	80.83
Douglas	52.24	50.98	68.79	64.17	49.76	51.45	97.10	63.15
Eagle	33.97	37.89	81.94	66.91	46.47	51.10	78.30	96.15
Elbert	31.74	32.22	68.20	56.00	34.85	38.61	87.89	72.37
El Paso	28.19	29.63	67.00	60.19	32.40	35.10	89.00	82.92
Fremont	29.01	29.61	53.72	56.64	38.02	52.28	78.00	72.75
Garfield	36.50	41.29	72.03	65.20	45.26	46.60	96.42	78.77
Gilpin	31.77	29.88	60.48	58.22	25.00	30.00	75.00	56.00
Grand	26.20	26.84	64.08	55.01	35.36	30.00	62.66	67.27
Gunnison	37.22	39.24	70.06	61.99	39.49	50.40	104.89	100.48
Hinsdale	23.42	32.61	58.00	52.09	15.00	...	53.00	66.66
Huerfano	28.08	27.73	64.50	74.11	44.53	78.37	122.00	97.91
Jackson	20.41	19.55	48.88	61.53	27.04	26.54	84.68	72.76
Jefferson	27.37	33.19	71.19	75.13	37.61	44.06	102.45	110.00
Kiowa	40.00	39.96	59.65	45.57	40.00	40.00	95.04	93.09
Kit Carson	30.71	35.94	52.13	58.58	33.53	37.05	58.04	66.02
Lake	41.50	35.73	73.95	88.15	...	50.00	73.20	...
La Plata	25.00	28.32	69.20	67.54	25.12	28.65	72.28	64.73
Larimer	33.62	34.48	112.00	87.30	41.27	38.25	123.40	111.74
Las Animas	19.98	20.14	49.70	61.00	59.87	59.41	103.00	93.16
Lincoln	28.21	24.03	54.83	52.33	29.14	30.77	89.52	67.20
Logan	31.07	32.47	93.29	66.24	40.66	41.07	106.98	87.25
Mesa	34.77	36.41	73.29	60.26	39.47	42.58	87.82	86.92
Mineral	29.98	28.46	54.71	48.72	49.33	59.16	84.00	35.00
Moffat	19.32	19.75	63.00	50.60	32.19	32.11	85.40	105.84
Montezuma	37.88	29.32	71.20	90.00	44.25	32.85	82.60	100.00
Montrose	35.38	31.33	81.39	71.77	34.35	37.81	98.89	94.19
Morgan	31.46	32.90	87.84	80.40	41.99	44.92	95.56	105.34
Otero	30.93	33.91	74.41	75.82	47.45	49.84	98.78	103.63
Ouray	28.00	28.08	55.95	68.87	25.00	27.17	62.04	71.71
Park	34.25	35.83	71.14	60.99	43.51	54.44	81.80	117.20
Phillips	32.35	32.22	66.40	58.09	41.15	41.65	83.87	74.07
Pitkin	25.94	32.35	71.29	64.98	31.67	24.29	101.33	50.00
Prowers	20.56	21.05	62.00	61.15	27.99	29.11	80.00	78.79
Pueblo	33.27	35.25	68.70	60.07	46.28	47.09	100.89	83.09
Rio Blanco	33.17	33.13	57.94	55.86	37.67	38.74	92.30	93.57
Rio Grande	38.74	43.53	75.70	72.30	45.26	51.52	113.08	107.43
Routt	35.38	37.20	75.58	68.79	40.00	50.00	93.00	90.27
Saguache	33.82	33.50	51.00	36.94	38.22	38.60	80.00	62.76
San Juan	48.24	51.25	68.25	72.57	31.33	40.66	76.81	74.25
San Miguel	40.93	46.59	81.00	70.99	38.33	39.68	79.59	81.00
Sedgwick	37.73	39.28	62.05	68.45	47.55	44.51	88.10	81.10
Summit	34.87	38.00	80.24	64.78	35.00	30.00	75.00	77.14
Teller	32.47	25.09	57.06	54.38	41.77	60.75	83.20	74.03
Washington	24.22	25.08	59.19	62.47	26.54	27.60	79.02	84.53
Weld	37.58	38.58	89.34	80.86	43.73	43.65	100.26	101.33
Windsor	30.89	33.55	60.00	58.03	36.51	38.92	72.00	67.58
State	\$30.92	\$32.33	\$71.16	\$65.08	\$39.02	\$41.70	\$88.56	\$85.03

**AVERAGE VALUE OF RANGE CATTLE AND DAIRY CATTLE PER HEAD AS
RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1930, 1931**

COUNTY	RANGE CATTLE				DAIRY CATTLE			
	1931	1930	1919	1914	1931	1930	1919	1914
Adams	\$27.48	\$33.03	\$43.00	\$32.01	\$40.61	\$47.49	\$78.28	\$52.17
Alamosa	27.18	32.80	44.24	35.05	43.71	49.99	75.14	53.00
Arapahoe	27.29	35.40	41.29	30.79	45.25	52.25	78.30	55.40
Archuleta	26.15	34.39	45.00	25.40	50.10	50.22	67.20	42.31
Baca	26.23	34.14	41.00	26.56	31.83	42.63	66.00	....
Bent	25.54	34.04	41.88	35.45	36.52	46.63	62.26	58.25
Boulder	27.07	33.20	52.08	28.67	36.60	44.39	74.60	50.84
Chaffee	28.11	34.48	42.47	32.49	35.97	49.80	68.29	48.62
Cheyenne	25.60	33.62	45.87	39.85	30.36	52.17	65.27	....
Clear Creek	25.81	35.31	41.44	40.39	45.92	49.70	65.10	50.00
Conejos	26.05	35.64	42.00	37.46	42.12	47.73	65.00	45.00
Costilla	25.58	33.92	43.00	36.62	49.73	50.10	76.23	50.27
Crowley	25.94	33.59	44.85	34.70	38.37	50.20	66.77	48.29
Custer	26.00	33.49	41.85	35.06	42.29	43.67	60.13	43.98
Delta	26.77	33.81	45.05	35.42	40.25	50.00	78.66	63.00
Denver .....	....	....	....	....	51.66	43.69	80.00	47.95
Dolores	27.27	35.23	45.57	33.67	36.60	40.64	69.86	44.59
Douglas	31.13	37.97	47.50	32.34	50.59	50.01	77.62	50.52
Eagle	27.49	35.24	44.87	33.50	40.00	50.00	71.75	46.53
Elbert	26.46	33.52	43.66	26.27	40.31	50.12	68.47	43.16
El Paso	29.94	35.29	42.71	31.96	38.03	48.18	61.00	52.74
Fremont	27.13	34.04	42.70	30.26	45.17	53.34	72.00	44.71
Garfield	26.61	34.72	42.61	34.50	45.45	50.31	68.39	48.25
Gilpin	25.88	32.39	40.00	30.14	42.11	44.10	60.00	....
Grand	27.80	36.34	45.27	37.24	30.16	50.17	66.38	50.00
Gunnison	26.07	34.05	47.97	36.66	39.74	50.02	71.00	....
Hinsdale	26.14	33.71	42.00	30.29	40.53	40.24	64.00	50.16
Huerfano	26.66	35.22	42.00	36.61	35.38	43.35	95.00	....
Jackson	28.11	33.69	44.99	39.99	40.00	50.00	65.00	55.00
Jefferson	28.09	34.60	46.17	35.91	43.89	51.44	80.00	60.13
Kiowa	27.37	33.71	44.92	35.25	50.00	50.00	64.75	....
Kit Carson	26.26	33.55	42.95	29.53	38.18	50.37	61.14	42.63
Lake	34.71	35.76	42.53	34.60	50.16	49.97	64.92	58.24
La Plata	25.49	33.32	40.40	30.26	40.29	50.24	69.77	50.49
Larimer	27.89	34.13	42.25	31.83	46.97	48.35	77.00	51.30
Las Animas	25.42	35.80	44.00	32.50	43.29	43.37	74.00	56.89
Lincoln	26.55	33.58	44.13	33.15	33.42	40.38	65.06	....
Logan	26.14	34.18	48.21	35.14	32.20	42.90	72.61	50.25
Mesa	26.77	32.90	43.20	36.66	42.17	50.05	70.16	48.67
Mineral	26.95	35.71	40.00	29.98	43.10	47.11	65.77	46.40
Moffat	27.02	33.21	42.50	39.01	36.41	47.91	65.00	....
Montezuma	26.84	31.74	42.33	32.71	36.59	50.09	66.81	45.02
Montrose	25.73	33.28	46.44	35.42	37.53	50.01	72.54	58.26
Morgan	25.45	32.48	41.71	41.77	34.61	41.24	65.38	48.14
Otero	26.58	32.86	43.22	42.35	36.95	52.04	71.36	58.50
Ouray	25.80	32.29	42.26	35.07	36.26	46.50	64.83	44.88
Park	29.82	34.61	44.09	35.00	41.52	50.16	65.00	55.00
Phillips	27.67	32.63	45.26	35.01	33.69	40.00	62.85	48.69
Pitkin	27.54	34.18	48.20	30.60	30.05	40.00	75.00	55.00
Prowers	25.58	33.04	41.70	32.23	32.82	42.87	73.50	59.26
Pueblo	26.64	34.63	45.73	36.02	40.07	46.36	72.52	51.39
Rio Blanco	26.38	33.39	44.00	35.73	44.08	54.23	70.23	53.57
Rio Grande	25.40	32.93	40.61	34.78	44.05	50.00	70.00	50.64
Routt	28.13	37.06	58.65	36.65	40.33	50.19	72.45	50.50
Saguache	26.18	33.38	39.55	33.67	39.87	50.04	60.00	....
San Juan	25.55	35.17	47.21	....	47.02	42.22	65.16	57.10
San Miguel	25.57	33.13	47.96	38.00	38.78	49.73	76.90	63.86
Sedgwick	26.15	33.52	41.60	35.21	38.43	43.38	69.13	49.58
Summit	25.80	33.79	54.66	35.16	40.00	40.00	75.00	....
Teller	29.99	35.48	40.17	33.41	41.40	42.28	60.09	46.05
Washington	25.48	33.46	41.88	35.22	36.69	35.26	75.30	61.76
Weld	26.86	34.38	44.38	35.35	36.95	45.46	75.18	51.87
Yuma	25.69	33.33	41.25	35.23	30.84	40.93	65.37	....
State	\$26.73	\$34.13	\$44.30	\$34.74	\$38.87	\$46.94	\$71.06	\$51.10

AVERAGE VALUE OF SHEEP AND SWINE PER HEAD AS RETURNED BY COUNTY ASSESSORS IN 1914, 1919, 1930, 1931

COUNTY	SHEEP				SWINE			
	1931	1930	1919	1914	1931	1930	1919	1914
Adams	\$ 3.51	\$ 5.50	\$ 7.39	\$ 3.02	\$ 9.20	\$ 7.75	\$15.06	\$ 9.03
Alamosa	3.71	6.13	10.20	2.47	11.51	11.66	16.96	8.30
Arapahoe	3.50	5.54	10.00	3.50	9.19	10.14	15.00	9.31
Archuleta	3.50	5.53	10.00	3.00	6.05	7.69	10.50	5.89
Baca	3.50	5.50	9.00	2.50	7.68	8.76	12.00	4.45
Bent	3.50	5.50	9.40	2.64	8.46	11.10	9.77	5.89
Boulder	3.58	5.50	9.34	3.33	9.76	10.39	16.47	10.29
Chaffee	3.63	5.55	10.00	3.88	7.20	8.46	11.19	6.21
Cheyenne	3.51	5.52	10.01	3.00	7.40	10.01	20.67	7.58
Clear Creek	3.50	5.50	10.00	.....	.....	.....	18.12	.....
Conejos	3.59	5.51	10.00	2.74	11.44	11.39	13.00	6.48
Costilla	3.50	5.50	10.27	3.00	6.90	9.72	14.00	7.17
Crowley	3.54	5.52	8.23	3.06	9.84	9.84	12.93	5.94
Custer	3.50	5.50	10.00	2.62	7.02	7.31	13.48	5.10
Delta	3.56	5.53	11.16	3.99	7.38	9.47	12.53	7.66
Denver	.....	.....	.....	.....	.....	.....	.....	.....
Dolores	4.46	5.50	10.53	4.00	8.18	14.07	12.90	7.33
Douglas	3.65	7.84	10.00	.....	9.97	10.52	15.04	7.90
Eagle	4.00	5.50	9.80	2.99	12.00	12.00	12.16	5.41
Elbert	3.64	5.58	9.55	2.39	10.11	10.69	16.35	7.09
El Paso	3.95	5.53	10.00	2.49	8.71	10.05	16.47	7.44
Fremont	3.60	5.59	.....	.....	8.35	8.93	13.80	6.59
Garfield	3.51	5.52	10.00	3.96	8.79	9.53	10.70	5.17
Gilpin	3.54	.....	10.00	.....	.....	11.00	20.00	.....
Grand	3.56	5.65	10.00	2.51	9.89	10.00	13.96	5.00
Gunnison	3.52	5.63	11.91	4.00	7.22	9.19	13.59	7.61
Hinsdale	3.50	5.44	10.00	3.64	.....	.....	7.00	5.00
Huerfano	3.54	5.51	10.00	3.04	7.98	9.06	15.00	6.23
Jackson	3.51	5.50	10.07	2.70	10.00	10.00	12.24	10.00
Jefferson	3.76	5.50	10.00	4.02	10.00	7.74	17.00	9.00
Kiowa	3.50	5.50	10.00	3.00	9.70	12.57	17.75	7.54
Kit Carson	3.76	5.50	10.88	3.03	8.73	10.24	15.94	7.88
Lake	3.50	5.50	11.60	2.55	.....	.....	.....	.....
La Plata	3.50	5.50	10.15	2.74	7.68	6.81	11.47	6.26
Larimer	3.50	5.98	10.26	2.48	9.52	9.50	19.00	8.12
Las Animas	3.50	6.15	10.00	3.49	8.55	11.05	9.00	12.65
Lincoln	3.51	5.51	10.07	2.49	8.58	9.42	15.35	6.77
Logan	3.50	5.50	10.81	4.06	8.87	9.70	15.63	9.11
Mesa	3.64	5.60	10.85	3.93	9.47	11.31	.....	6.82
Mineral	3.50	5.73	10.00	3.49	.....	.....	11.25	.....
Moffat	3.59	5.60	11.20	3.99	9.02	10.53	12.00	5.93
Montezuma	4.75	5.50	10.35	4.00	9.25	6.71	11.21	10.00
Montrose	3.48	5.50	13.03	3.57	8.00	9.73	12.86	5.71
Morgan	3.43	5.50	10.00	2.65	8.94	8.14	14.14	8.08
Otero	3.50	5.50	9.72	2.71	8.62	9.62	13.57	7.26
Ouray	3.50	5.50	15.70	3.96	6.00	7.00	10.52	6.24
Park	3.88	5.86	9.47	2.75	7.58	11.00	15.40	11.78
Phillips	3.68	6.00	.....	.....	8.95	10.05	16.56	9.90
Pitkin	3.50	5.71	10.00	1.84	10.23	8.38	14.00	5.51
Prowers	3.50	5.50	8.16	2.35	8.76	8.71	14.20	6.13
Pueblo	3.57	5.50	12.75	3.71	7.34	7.57	14.19	6.17
Rio Blanco	3.50	5.65	12.02	.....	9.19	10.00	13.27	7.59
Rio Grande	3.50	5.50	10.03	3.56	12.59	13.71	16.10	8.41
Routt	3.83	5.74	12.50	3.50	9.23	9.28	17.95	8.20
Saguache	3.54	5.65	10.00	2.47	11.37	12.68	15.52	8.30
San Juan	3.50	5.51	10.01	3.97	.....	.....	.....	.....
San Miguel	3.50	5.53	10.72	2.69	8.30	9.67	14.25	7.44
Sedgwick	3.50	5.50	5.97	2.79	11.32	12.83	18.23	10.65
Summit	3.50	5.50	12.00	4.00	12.00	12.00	15.00	10.00
Teller	3.55	5.53	.....	.....	7.99	10.10	10.93	5.90
Washington	3.56	5.51	9.05	3.39	8.61	9.82	15.79	8.83
Weld	3.50	5.50	11.14	2.67	9.88	10.38	14.90	8.44
Yuma	3.50	5.65	10.10	2.88	8.79	10.47	18.90	8.24
State	\$ 3.61	\$ 5.61	\$10.46	\$ 3.12	\$ 8.96	\$ 9.76	\$15.14	\$ 7.86

ASSESSED VALUE OF LIVESTOCK IN COLORADO, 1931 AND 1930
(Compiled from Records of the State Tax Commission)

COUNTY	Horses 1931	Mules 1931	Range Cattle 1931	Dairy Cattle 1931	Sheep 1931	Swine 1931	Foxes 1931	Goats 1931	All Other Animals 1931*	Total 1931	Total 1930
Adams	\$ 186,290	\$ 12,565	\$ 167,290	\$ 270,525	\$ 11,965	\$ 101,375	.....	.....	\$ 2,745	\$ 752,755	\$ 853,490
Alamosa	81,795	8,200	198,775	48,775	51,980	13,535	.....	.....	.....	403,060	444,390
Arapahoe	85,705	8,345	154,900	204,115	8,345	17,370	\$ 2,640	700	955	502,230	621,685
Arapahoe	38,345	1,875	263,526	40,380	114,680	3,415	.....	5,235	160	467,616	508,356
Baca	135,745	22,445	633,508	55,981	26,320	53,125	1,365	.....	2,000	930,489	1,051,986
Bent	110,765	16,165	363,055	59,010	48,820	21,570	.....	.....	.....	619,385	767,510
Boulder	129,120	16,270	164,700	211,320	13,600	17,590	12,430	.....	1,440	566,470	676,940
Chaffee	32,680	840	150,375	31,075	23,185	9,190	.....	200	2,035	249,580	303,320
Cheyenne	60,395	7,365	469,845	29,690	34,215	22,685	.....	.....	.....	624,195	875,575
Clear Creek	7,515	.....	9,575	3,260	2,960	.....	160	280	5	23,755	27,610
Conejos	90,660	12,870	265,465	73,675	305,725	25,330	.....	.....	.....	773,725	1,028,515
Costilla	47,190	4,020	46,195	11,190	88,045	12,425	1,000	455	95	210,615	277,845
Crowley	87,515	15,755	207,480	47,200	25,755	16,470	.....	95	625	400,895	529,455
Custer	31,730	960	169,740	34,170	14,210	2,765	6,000	.....	.....	259,575	306,530
Delta	129,345	13,650	477,225	197,190	200,765	17,280	.....	3,745	105	1,039,305	1,255,845
Denver	24,510	1,660	.....	17,410	.....	.....	.....	.....	5,680	49,260	52,410
Dolores	9,985	1,620	108,360	6,295	100,510	875	.....	1,080	.....	228,725	220,201
Douglas	83,125	4,280	456,950	229,735	21,815	8,310	9,460	2,135	16,290	832,100	861,850
Eagle	78,040	4,415	499,940	48,400	106,884	6,072	1,400	45	.....	745,196	883,833
Elbert	173,096	25,090	588,235	155,000	41,247	42,433	2,000	.....	970	1,028,077	1,270,736
El Paso	140,600	36,260	610,720	310,020	26,300	31,490	21,700	2,790	13,170	1,193,055	1,373,170
Fremont	37,685	5,360	227,460	64,865	10,248	10,830	.....	350	.....	356,798	444,406
Garfield	193,995	12,220	730,720	158,200	355,035	23,935	6,000	.....	.....	1,480,105	1,749,395
Gilpin	4,130	25	24,274	1,600	145	.....	.....	42	.....	34,436	25,643
Grand	48,700	495	333,480	39,420	47,750	900	900	.....	990	472,640	611,500
Gunnison	93,900	10,110	792,860	48,955	199,020	1,205	2,600	390	90	1,149,130	1,410,835
Hinsdale	4,590	30	34,505	3,080	17,430	.....	.....	.....	.....	59,635	83,738
Huerfano	51,085	9,575	297,450	58,985	84,366	3,480	1,000	635	.....	506,576	696,470
Jackson	58,430	730	810,740	27,240	103,030	720	150	40	1,000	1,002,080	1,131,690
Jefferson	79,950	4,175	271,110	205,070	6,410	7,795	54,590	1,425	2,560	633,085	773,160

Kiowa	38,280	6,840	342,305	25,800	21,275	11,620	9,185	455,305	590,580
Kit Carson	234,091	30,550	506,406	194,064	13,210	132,752	161	1,111,406	1,289,283
Lake	6,225	.....	13,990	8,075	1,400	.....	.....	29,690	32,965
La Plata	71,400	4,195	320,605	101,640	106,645	.....	.....	624,345	794,845
Larimer	250,540	57,240	557,420	292,600	51,780	.....	.....	1,213,160	1,360,610
Las Animas	126,091	21,485	1,128,320	101,475	287,365	9,828	.....	1,719,865	2,331,101
Lincoln	114,790	17,805	669,035	109,550	40,040	49,625	.....	1,000,845	1,242,605
Logan	295,280	28,460	538,435	236,655	9,500	124,185	.....	1,236,195	1,432,038
Mesa	185,150	11,220	905,480	253,990	230,800	29,865	.....	1,619,145	2,228,980
Mineral	8,395	740	30,695	3,620	45,870	.....	.....	89,545	130,555
Moffat	88,320	4,410	385,700	46,090	329,900	7,140	.....	861,925	1,109,125
Montezuma	65,325	11,020	267,760	101,235	153,865	7,660	.....	619,165	718,420
Montrose	130,990	8,690	441,370	132,455	259,900	22,500	.....	998,930	1,207,540
Morgan	239,010	30,780	302,690	201,960	9,720	66,180	.....	854,540	972,980
Otero	160,990	45,740	287,170	119,415	105,275	35,685	340	754,615	981,260
Ouray	16,800	900	182,800	17,370	50,450	1,320	.....	269,640	315,911
Park	60,760	3,220	378,130	30,350	189,895	485	.....	664,710	746,110
Phillips	106,215	16,010	101,430	100,810	1,115	75,645	570	401,660	432,425
Pitkin	21,320	1,980	140,200	13,280	40,065	2,250	180	218,825	253,265
Prowers	175,055	29,364	423,951	138,129	31,864	49,534	.....	348,447	976,408
Pueblo	141,180	18,190	549,405	178,470	36,530	21,725	1,455	949,195	1,116,635
Rio Blanco	81,760	6,480	795,170	31,690	249,450	2,740	.....	1,167,290	1,432,175
Rio Grande	85,075	19,555	235,490	57,090	159,600	26,360	6,150	597,660	843,285
Routt	190,990	1,440	813,470	122,330	291,430	14,850	4,170	1,440,060	1,755,980
Saguache	71,020	8,065	662,728	27,150	262,994	9,498	1,111	1,042,561	1,433,718
San Juan	1,755	340	4,983	1,975	38,061	.....	.....	47,744	56,963
San Miguel	24,925	320	139,900	28,230	134,325	1,120	1,415	330,835	458,035
Sedgwick	90,515	11,335	155,470	84,850	1,530	51,650	705	398,155	433,695
Summit	15,655	70	77,990	12,320	9,862	348	.....	116,485	162,835
Teller	21,560	1,420	131,965	22,730	1,170	535	520	183,760	214,355
Washington	202,935	16,160	599,031	152,540	64,890	113,535	125	1,149,216	1,314,712
Weld	791,850	88,780	680,620	774,540	99,820	114,550	154,470	2,704,630	3,050,800
Yuma	253,240	42,200	820,960	134,510	7,410	159,370	840	1,418,540	1,771,180
State	\$6,704,193	\$ 803,274	\$23,119,472	\$6,548,819	\$5,446,916	\$1,052,581	\$ 41,345	\$44,732,602	\$54,308,893

Note—This table does not include sheep and cattle fed in transit.
 *Includes burros, rabbits and smaller animals.

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.

There were 35 associations in the state reporting to the director of markets as of March 1, 1932. These had a total membership of 20,730, an average of 592 members per association, and an increase of 6,478 or 45.5 per cent, compared with 1931. The gross business reported in 1931 was \$21,064,538. This does not, however, represent the total business of all of the associations for the reason that many associations do not actually handle the commodities for their members, but sell on contract in such a manner that the gross volume cannot be reported. During 1931 the Pinto Bean Growers association, the Colorado Bean Growers association and the Interstate Bean Growers association were merged and their business is shown in the report of the Pinto Bean Growers association. Four associations became inoperative during the year, one of these, the Delta Onion Growers association, turning its production over to the Colorado Potato Growers exchange. The indebtedness of all associations reporting to the director of markets as of January 1, 1932, was \$435,998, a large per cent of which is represented by commodities in the hands of the association on that date. The above summary does not take into account business done by farmers' organizations which are not incorporated under the co-operative marketing act. An accompanying table lists the names of associations, the number of members, gross returns in 1931, and the name and address of the manager of each association.

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.

Since the passage of the agricultural 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 coordinate 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.

The census reported on sales through farmers' organizations in census years as follows:

Farms reporting:

1930.....	6,783
1925.....	10,828
1920.....	5,847

Sales:

1929.....	\$ 8,399,417
1924.....	21,090,456
1919.....	9,303,346

Purchases made by farmers through farmers' organizations in census years are as follows:

Farms reporting:

1930.....	3,339
1925.....	3,703
1920.....	5,613

Purchases:

1929.....	\$ 804,378
1924.....	883,318
1919.....	1,658,358

COLORADO CO-OPERATIVE MARKETING ASSOCIATIONS, MARCH 1, 1932

(From the Reports of the Director of Markets)

Name of Association	Members	Gross Returns	Manager	Address
Arkansas Valley Poultry Producers Association.....	26	\$ 10,613.95	Mrs. J. A. Taggart.....	Pueblo
*Avon Lettuce Association.....	..	2,044.63	Fred Kroelling.....	Avon
Crowley County Melon Growers Association.....	25	5,539.04	E. M. Haise.....	Manzanola
Colorado Co-operative Lettuce Association.....	2,400	..... †	F. S. Tompkins.....	Buena Vista
Colorado Dairymen's Co-operative, Inc.....	..	..... †	B. C. Stanton, Sec.....	Denver
Colorado-New Mexico Wool Marketing Association.....	420	3,464,649.43	A. H. Long, Sec.....	Durango
Colorado Poultry Association.....	2,304	634,879.22	John Mack.....	Delta
Colorado Potato Growers Exchange.....	1,350	728,000.00	W. F. Heppel.....	Denver
Colorado Wheat Growers Association.....	1,150	64,275.61	H. C. Stephens.....	Denver
Colorado Wool Marketing Association.....	214	19,267.79	L. W. Clough.....	Denver
Conchos County Vegetable Growers Association.....	55	29,101.08	A. O. Johnson.....	La Jara
Cuñeña Creek Vegetable Association.....	125	74,659.18	Vincente Gonzales.....	San Acacio
Del Norte Vegetable Growers Association.....	412	1,851,510.61	M. I. Chenoweth.....	Del Norte
*Delta Onion Growers Association.....	701	21,956.07	J. H. Liston.....	Yuma
Equity Co-operative Oil Company.....	226	74,071.90	C. W. Arnett.....	Yuma
Intermountain Livestock Marketing Association.....	701	28,695.21	W. H. Bradley.....	Denver
Kiowa County Turkey Producers Association.....	7	6,827.37	E. A. Burch.....	Grand Junction
Mesa County Livestock Shipping Association.....	202	12,200,000.00	S. Yarbrough.....	Blanca
Mountain Vegetable Growers Co-operative Association.....	5,453	47,452.33	T. P. Kuhre.....	Cortez
Montezuma Creamery Association.....	194	..... f	J. D. Pancake.....	Greeley
Mountain States Beet Growers Marketing Association.....	165	640,737.62	H. R. Burritt.....	Montrose
Montrose Co-operative Creamery Association.....	2,084	3,506.75	Mrs. Maude Henry.....	Hotchkiss
North Fork Creamery Association.....	14	56,740.40	A. B. Thomas.....	Pueblo
*Pueblo Milk Producers Co-operative Association.....	126	500,000.00	D. W. Apperle.....	Grand Junction
Pinto-Colorado-Interstate Bean Growers Association.....	825	112,215.27	George Pierce.....	Divide
Pikes Peak Certified Seed Potato Association.....	292	11,551.58	George LaGrange.....	Collbran
Plateau Creamery Association.....	387	129,743.00	G. G. Williams.....	Eckert
Surface Creek Co-operative Association.....	47	100,000.00	H. E. Hampton.....	Rocky Ford
Southern Colorado Beet Growers Association.....	148	\$21,064,538.04	H. G. Crissey.....	Palisade
United Fruit Growers.....	20,730	.....	C. A. Gerall.....	Denver
Vegetable Producers Co-operative Association.....	..	.....	W. F. Kendle.....	Montrose
Western Colorado Honey Exchange.....	..	.....	J. F. Wilson.....	Glathe
Western Livestock Association.....	..	.....	R. C. Kauffman.....	Yampa
*Yampa Valley Lettuce Association.....	..	.....	Chas. O'Connor.....	Pueblo
Pueblo Vegetable Growers Association.....	..	.....	.....	.....
Totals	20,730	\$21,064,538.04	.....	.....

*Inoperative. †Began business January 1, 1932. ‡Began business in September, 1931. §Products handled by the Colorado Potato Growers Exchange. †Began business in November, 1931.

Dairying

DAIRYING ranks as one of Colorado's most important industries. The annual production of milk and butter, ice cream, cheese, and evaporated, condensed and malted milk ranges from \$23,000,000 to \$34,000,000 a year in value. The total value of all dairy products in the fiscal year ending June 30, 1931, as reported by the state dairy commissioner, was \$24,164,509. This compares with \$28,635,025 in 1930, a decrease of \$4,470,516, and \$33,134,695 in 1929, the year of peak production, a decrease of \$9,070,186. The decrease in value in 1931, as compared with 1930, was due principally to lower prices, which resulted in decreased production. These totals include milk used on the farm and butter churned on the farm as well as the output of the factories.

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
1931	24,164,509

In the fiscal year ending June 30, 1931, there were 168 plants in the state engaged in manufacturing dairy products under licenses from the state dairy commissioner. The products manufactured by these plants included butter, ice cream, condensed and evaporated milk, malted milk, dried or powdered skim milk, condensed or evaporated buttermilk, dried or powdered buttermilk and six varieties of cheese. The value of these products for 1931 was \$12,690,913, a decrease of \$2,617,473, compared with 1930, and of \$5,862,927 compared with 1929.

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
1931	12,690,913

Butter produced in the factories in 1931 was 21,550,119 pounds, valued at \$7,311,952, a decrease of 1,454,657 pounds in quantity and \$1,199,815 in value compared with 1930. The full cream cheddar (American) cheese totaled 2,466,772 pounds, valued at \$340,415, a decrease of 594,411 pounds in quantity and \$271,822 in value. The total output of cheese of all varieties was 4,765,004 pounds, valued at \$609,638. This compares with 5,553,597 pounds in 1930, 5,344,006 pounds in 1929, and 3,842,816 pounds in 1928. The value in 1931 of \$609,638 compares with \$936,762 in 1930, \$1,023,190 in 1929, \$748,131 in 1928 and \$407,868 in 1927.

A table published herewith shows in detail the dairy operations of the state for 1931, with comparisons for 1930 and 1929.

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:

	1931	1930	1929
Creameries (butter) ..	75	76	81
Ice cream plants	78	82	84
Cheese factories	17	19	18
Malted and dried milk plants	1	1	4
Condensaries and evaporated milk plants	5	5	6
Cottage cheese factories	23	23	..
Receiving stations	359	384	404
Licensed plants	168	180	178
Licensed operators	1,114	1,238	1,265

Of those licensed in 1931, 30 creameries made no product other than butter, 41 ice cream plants made no product other than ice cream, 13 cheese factories made only cheese, one plant made no product other than malted milk and seven plants made only cottage cheese.

Milk and cream exported from the state in 1931 amounted to 3,942,245 pounds, a decrease of 2,377,597 pounds compared with 1930 and imports amounted to 2,359,814 pounds, an increase of 13,104 pounds.

The census bureau of the department of commerce, which gathers statistics for calendar years, and under a somewhat different classification from that used by the state dairy commissioner, reports that the number of cows and heifers in Colorado milked in 1929 was 234,530. Milk produced was 121,905,777 gallons. Whole milk sold during the year amounted to 36-

082,195 gallons, butter churned on farms, 3,578,682 pounds; butter sold, 582,962 pounds; cream sold as butterfat, 17,208,287 pounds; and cream sold, not as butterfat, 250,768 gallons. The value of the 3,578,682 pounds of butter churned on the farms was \$1,587,465. The total value of butter, cream and whole milk sold in 1929 was \$14,606,564, divided as follows:

Butter sold.....	\$ 258,996
Cream sold as butterfat.....	7,149,445
Cream sold not as butterfat..	376,022
Whole milk sold.....	6,822,101

Total\$14,606,564

A table published herewith shows the quantity of specified dairy products produced and sold in the state in census years. Another table gives the distribution of these items for 1929 by counties, and a third table shows the value of these products by counties for the same year.

The figures from the census given herein apply to the dairy business as a part of agricultural development. The production of dairy products in factories is treated as a manufacturing industry and further information on that subject will be found in the chapter on manufactures. Two items which appeared in the census for the first time in 1930 were the number of cows and heifers being milked daily and the daily production of milk on April 1, 1930, the date of the enumeration. These showed that 186,637 cows and heifers were being milked on that date and that the daily production of milk was 406,827 gallons. That was equal to a daily average of 2.18 gallons per cow.

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.

All of the 63 counties in the state reported cows and heifers milked in 1929. Nineteen counties, however, had 64 per cent of all cows and heifers milked. These counties and the number milked, with the number milked in 1924, are as follows:

County	Number	
	1929	1924
Adams	7,221	7,664
Baca	6,832	7,056
Boulder	6,386	6,397
Delta	5,710	5,041
Douglas	5,985	5,470
Elbert	8,671	9,339
El Paso	9,996	10,315
Kit Carson.....	8,416	6,339
Larimer	6,606	5,978
Las Animas.....	5,708	4,894
Lincoln	6,024	6,514
Logan	7,244	6,653
Mesa	6,543	6,854
Morgan	6,323	6,252
Prowers	5,635	5,317
Pueblo	5,880	6,700
Washington	8,270	8,360
Weld	22,428	23,606
Yuma	9,907	9,018
Total, state.....	149,785	147,967
Per cent.....	234,530	229,700
	63.9	64.4

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.

A table published herewith gives the mean average prices paid to the producers of milk and cream in 1931, 1930 and 1929 as reported by the state dairy commissioner.

DAIRY PRODUCTS: QUANTITIES PRODUCED IN COLORADO IN CENSUS YEARS
(From Census Reports on Agriculture)

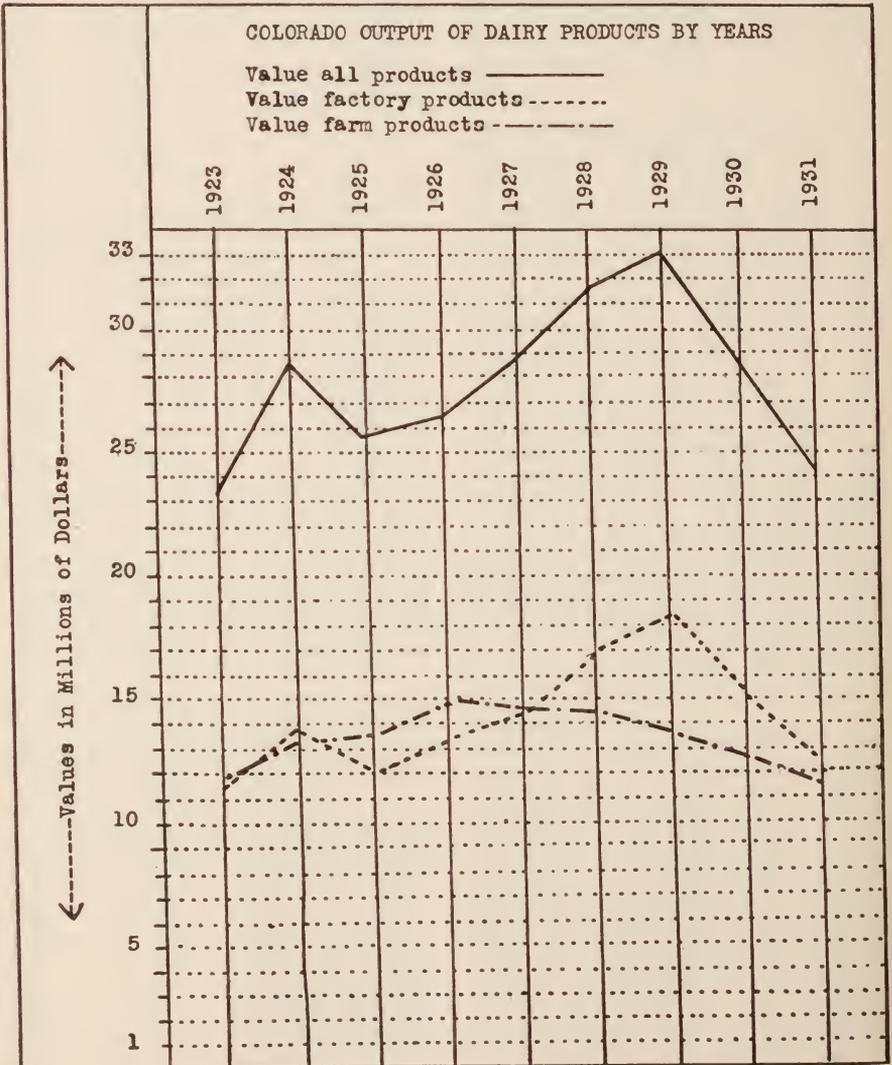
ITEM	1929	1924	1919	1909	1899
Milk produced, gallons.....	121,905,777	96,649,262	79,492,631	51,670,038	38,440,111
Whole milk sold, gallons.....	36,082,195	17,703,304	16,086,983	10,037,067	13,170,810
Butter churned on farms, pounds	3,578,682	5,245,186	5,775,602	5,856,132	4,932,482
Butter sold, pounds.....	582,962	*	1,739,147	2,914,143	2,756,798
Cream sold as butterfat, pounds	17,208,287	14,081,231	5,804,055	1,087,681	*
Cream sold not as butterfat, gallons	259,768	851,437	1,381,758	440,257	132,297

*Not reported.

MEAN AVERAGE PRICES PAID PRODUCERS FOR MILK AND CREAM IN FISCAL YEARS

(From Report of the State Dairy Commissioner)

	1931	1930	1929
Sour cream, cream station price per lb. b. f.-----	\$0.23½	\$0.30	\$0.43
Sour cream, track price per lb. b. f.-----	.26¾	.33	.45
Sweet cream, delivered, per lb.-----	.31	.33	.49
Milk for fluid use, per cwt.-----	2.03	2.25	2.18
Milk for manufacturing use, per cwt.-----	1.23	1.43	1.92



DAIRY INDUSTRY FOR YEARS ENDING JUNE 30, 1929, 1930 AND 1931
(State Dairy Commissioner)

	1931		1930		1929	
	Quantity	Value	Quantity	Value	Quantity	Value
Butter, lbs.-----	21,550,119	\$ 7,311,952	23,004,776	\$ 8,511,767	21,747,865	\$10,547,715
Ice cream, gals.-----	2,244,288	2,247,295	2,567,803	2,696,193	2,609,031	2,609,031
Cheddar (whole milk) cheese, lb.-----	2,466,772	340,415	3,061,183	612,237	3,004,618	639,984
Cheddar (part skim) cheese, lb.-----	1,192,975	128,841	1,139,493	193,714	1,281,746	240,968
Brick and Munster cheese, lbs.-----	25,735	3,989	24,080	4,575	23,815	4,763
Limburger cheese, lbs.-----	7,170	1,111	4,610	876	4,460	892
Italian varieties (including goat cheese) lbs.-----	165,000	26,400	330,000	66,000	39,500	7,900
Cottage cheese, lbs.-----	907,352	108,882	994,231	109,366	989,867	128,683
Condensed milk (sweetened) lbs.-----	52,265	3,397	185,337	11,120	138,413	11,073
Evaporated milk (unsweetened) lbs.-----	23,370,665	1,916,395	24,044,376	2,091,861	32,028,612	3,523,147
Condensed skim milk (sweetened) lbs.-----	138,265	6,222	335,041	9,026	488,201	30,513
Evaporated skim milk (unsweetened) lbs.-----	614,391	9,216	916,767	18,335	965,299	26,063
Condensed or evaporated buttermilk; lbs.-----	3,813,007	89,606	156,221	9,373	213,341	7,637
Dried or powdered skim, lbs.-----	156,327	8,692	216,110	14,047	283,403	31,174
Dried or powdered buttermilk, lbs.-----	910,194	40,959	570,012	34,201	569,856	34,191
Malted milk, lbs.-----	2,196,723	447,541	3,702,781	925,695	2,536,092	710,106
Value factory products.-----		\$12,690,913		\$15,308,386		\$18,553,840
Milk for fluid use (est.)-----	57,765,495	\$10,065,011	57,237,877	\$11,075,529	60,905,042	\$11,418,477
Farm butter (est.)-----	4,250,000	1,442,025	4,600,000	1,702,000	4,916,992	2,384,741
Total -----		\$11,507,036		\$12,777,529		\$13,803,218
Milk exported, lbs.-----	1,847,655	\$ 37,507	2,778,627	\$ 62,519	2,028,640	\$ 44,224
Cream exported (B. F.) lbs. -----	2,094,590	560,303	3,541,215	1,133,189	3,806,766	1,674,977
Value exports-----		\$ 597,810		\$ 1,195,708		\$ 1,719,201
Milk imported, lbs.-----			349,678	\$ 7,868	1,379,858	\$ 30,081
Cream imported (B. F.) lbs. -----	2,359,814	631,250	1,996,032	638,730	2,071,553	911,483
Value imports-----		\$ 631,250		\$ 646,598		\$ 941,564
Recapitulation:						
Factory products-----		\$12,690,913		\$15,308,386		\$18,553,840
Produced and used on farms -----		11,507,036		12,777,529		13,803,218
Excess exports over imports -----		*-33,440		549,110		777,637
Value all dairy products-----		\$24,164,509		\$28,635,025		\$33,134,695

*Minus sign (—) denotes imports in excess of exports.

VALUE COLORADO DAIRY PRODUCTS SOLD AND BUTTER CHURNED IN 1929,
BY COUNTIES

(From Census Reports on Agriculture)

COUNTY	Butter Sold	Cream Sold as Butterfat	Cream Sold Not as Butterfat	Whole Milk Sold	Total Butter, Cream and Whole Milk Sold	Value Butter Churned
Adams -----	\$ 5,524	\$ 104,918	\$ 4,389	\$ 532,877	\$ 647,708	\$ 27,044
Alamosa -----	2,714	76,895	19,534	56,568	155,711	11,438
Arapahoe -----	3,954	121,290	33,615	382,038	540,897	25,206
Archuleta -----	210	50,127	832	2,662	53,831	7,642
Baca -----	1,801	200,796	1,809	23,706	228,112	40,771
Bent -----	3,911	56,733	9,965	62,638	133,247	20,722
Boulder -----	14,149	70,319	6,252	482,647	573,367	26,938
Chaffee -----	3,431	33,691	9,027	33,383	79,532	8,335
Cheyenne -----	860	139,021	770	2,782	143,433	20,741
Clear Creek -----	154	490	272	5,130	6,046	817
Conejos -----	4,139	37,847	1,254	135,105	178,345	16,410
Costilla -----	1,664	19,546	2,168	1,000	24,378	6,578
Crowley -----	849	68,266	1,232	9,692	80,039	14,837
Custer -----	2,444	33,547	2,468	51,613	90,072	10,072
Delta -----	12,045	229,824	6,984	123,370	372,223	55,120
Denver -----	17	586	2,136	73,660	76,399	774
Dolores -----	493	10,644	341	1,105	12,583	5,504
Douglas -----	1,023	134,513	13,115	352,359	501,010	7,244
Eagle -----	2,503	66,171	4,369	9,835	82,878	19,265
Elbert -----	2,117	419,942	817	68,353	491,229	41,617
El Paso -----	5,955	288,183	10,318	473,546	778,002	40,645
Fremont -----	6,207	37,657	4,920	91,720	140,504	23,652
Garfield -----	5,165	166,336	8,902	27,686	208,089	35,975
Gilpin -----	163	319	3,883	5,029	9,394	499
Grand -----	2,265	50,201	3,876	20,503	76,845	12,961
Gunnison -----	6,125	54,373	7,122	13,572	81,192	18,820
Hinsdale -----	662	2,284	188	3,314	6,448	1,582
Huerfano -----	4,133	42,287	3,181	57,793	107,394	13,211
Jackson -----	1,231	33,837	1,030	2,774	38,872	9,713
Jefferson -----	7,781	38,629	30,386	492,447	569,243	24,451
Kiowa -----	2,947	105,746	93	3,637	112,423	18,305
Kit Carson -----	4,098	312,490	5,050	14,408	336,046	55,086
Lake -----	69	2,702	272	20,127	23,170	734
*La Plata -----	12,528	235,291	15,602	45,219	308,640	49,469
Larimer -----	13,635	87,227	3,251	489,823	593,936	37,799
Las Animas -----	7,852	138,106	11,143	73,641	230,742	36,110
Lincoln -----	2,472	224,524	1,052	13,181	241,229	47,159
Logan -----	4,713	261,033	5,841	52,686	324,273	70,791
Mesa -----	12,578	325,236	6,806	75,813	420,433	68,260
Mineral -----	515	727	868	1,706	3,816	810
Moffat -----	3,723	95,019	2,279	15,580	116,601	27,253
Montezuma -----	6,983	192,511	4,222	12,307	216,023	40,008
Montrose -----	5,442	167,082	2,173	79,689	254,386	35,674
Morgan -----	1,332	206,325	7,344	108,727	323,728	32,386
Otero -----	5,918	108,460	4,274	92,023	210,675	28,329
Ouray -----	3,226	35,503	3,793	5,178	47,700	9,700
Park -----	951	27,360	344	2,622	31,277	10,340
Phillips -----	1,291	131,858	2,643	11,830	147,622	28,381
Pitkin -----	1,389	29,949	1,560	5,531	38,429	8,085
Prowers -----	5,893	104,279	7,423	171,690	289,285	29,134
Pueblo -----	3,490	180,785	14,067	280,721	479,063	28,020
Rio Blanco -----	150	39,196	1,050	4,745	45,141	10,269
Rio Grande -----	7,671	55,747	7,753	88,214	159,385	23,873
Routt -----	7,249	236,198	8,205	31,110	282,762	41,516
Saguache -----	3,720	47,905	2,166	16,236	70,027	16,747
*San Juan -----	-----	-----	-----	-----	-----	-----
San Miguel -----	1,377	55,171	2,713	4,447	63,708	8,501
Sedgwick -----	3,792	71,047	17,689	12,259	104,787	22,768
Summit -----	2,953	17,959	840	5,768	27,520	5,914
Teller -----	868	24,160	5,102	28,340	58,470	5,317
Washington -----	2,389	338,536	6,623	14,487	362,035	65,526
Weld -----	19,732	372,879	9,810	1,418,255	1,820,676	100,703
Yuma -----	4,361	329,162	18,816	23,194	375,533	75,314
State -----	\$258,996	\$7,149,445	\$376,022	\$6,822,101	\$14,606,564	\$1,587,465

*Includes statistics for two farms reported for San Juan in 1930, to avoid disclosure of individual operations.

COWS MILKED AND DAIRY PRODUCTS IN COLORADO IN 1929, BY COUNTIES
(From Census Reports on Agriculture)

COUNTY	Number Cows and Heifers Milked	Gallons of Milk Produced	Gallons Whole Milk Sold	Pounds Butter Churned	Pounds Butter Sold	Pounds Cream Sold as Butterfat	Pounds Cream Sold Not as Butterfat
Adams	7,221	4,582,017	2,960,425	64,390	13,152	249,804	3,027
Alamosa	2,169	1,209,930	314,264	25,418	6,031	183,083	13,472
Arapahoe	5,644	3,724,903	2,122,433	57,287	8,987	255,830	24,900
Archuleta	1,127	571,942	12,098	16,614	456	119,351	537
Baca	-----	2,515,161	131,700	92,661	4,094	489,747	1,292
Bent	2,980	1,337,269	391,489	46,049	8,690	135,078	7,118
Boulder	6,386	3,921,278	2,681,370	64,139	33,687	167,427	4,312
Chaffee	1,010	565,370	166,915	18,120	7,458	78,352	5,642
Cheyenne	3,841	1,434,889	13,910	47,139	1,955	339,075	570
Clear Creek	97	48,240	25,650	1,777	335	30,140	170
Conejos	2,525	1,485,397	711,079	36,466	9,197	90,113	865
Costilla	750	356,502	5,265	14,617	3,697	46,538	1,495
Crowley	1,729	856,443	48,460	32,972	1,887	162,537	880
Custer	1,584	706,891	286,741	22,383	5,431	79,873	1,763
Delta	5,710	3,260,273	685,391	119,826	26,184	547,201	4,506
Denver	557	445,169	409,223	1,842	40	1,395	1,473
Dolores	437	187,151	5,261	12,231	1,095	25,960	235
Douglas	5,985	3,204,585	1,957,548	16,464	2,324	328,080	9,045
Eagle	1,447	813,080	49,174	41,881	5,441	157,550	2,319
Elbert	8,671	4,313,831	379,739	94,584	4,812	1,024,249	605
El Paso	9,996	5,290,288	2,152,480	92,376	13,535	702,886	7,116
Fremont	1,836	1,158,003	436,760	52,560	13,794	89,659	3,393
Garfield	3,612	1,920,476	125,844	78,207	11,228	396,039	5,743
Gilpin	126	54,745	25,145	1,134	370	72,427	2,427
Grand	1,411	632,652	102,514	27,002	4,719	119,526	2,673
Gunnison	1,674	704,029	67,860	40,912	13,315	126,448	4,451
Hinsdale	145	56,022	16,568	3,440	1,439	5,312	121
Huerfano	2,366	1,029,478	339,960	30,025	9,393	103,138	2,272
Jackson	888	410,825	12,061	20,235	2,565	80,564	644
Jefferson	5,303	3,686,841	2,735,814	55,570	17,685	91,974	20,956
Kiowa	3,110	1,140,290	18,186	41,603	6,697	257,917	69
Kit Carson	8,416	3,535,239	72,042	125,196	9,313	762,170	3,741
Lake	244	141,525	100,635	1,595	150	6,284	170
La Plata*	4,759	2,807,199	215,668	109,931	27,840	573,782	10,760
Larimer	6,606	3,956,027	2,449,115	87,904	31,709	207,684	2,032
Las Animas	5,708	2,290,359	387,583	82,068	17,845	336,844	7,959
Lincoln	6,024	2,531,147	65,907	107,180	5,618	547,619	779
Logan	7,244	3,373,098	277,297	168,551	11,222	621,507	4,028
Mesa	6,543	3,919,882	379,067	148,391	27,343	727,371	4,391
Mineral	82	29,598	8,530	1,760	1,120	1,690	560
Moffat	2,332	1,205,308	67,740	59,246	8,093	226,236	1,519
Montezuma	3,390	2,104,339	58,604	88,906	15,518	469,538	2,912
Montrose	4,102	2,423,152	398,446	77,552	11,831	397,814	1,402
Morgan	6,323	3,254,215	639,573	77,110	3,171	491,251	5,065
Otero	3,654	1,899,796	511,237	62,954	13,150	253,238	3,053
Ouray	830	428,732	25,891	21,087	7,014	82,565	2,447
Park	895	367,838	13,108	22,478	2,068	63,627	215
Phillips	3,035	1,497,828	59,150	64,502	2,934	321,604	1,958
Fitkin	754	368,063	27,655	17,575	3,020	69,649	975
Prowers	5,635	2,504,699	953,836	64,743	13,095	248,283	5,302
Pueblo	5,880	3,362,097	1,336,766	62,267	7,756	430,440	10,048
Rio Blanco	1,256	523,522	21,567	22,324	325	93,323	724
Rio Grande	2,588	1,390,075	490,077	53,052	17,047	132,731	5,347
Routt	4,438	2,485,432	135,262	86,491	15,103	562,375	5,128
Saguache	1,531	752,273	90,200	37,215	8,266	114,060	1,494
San Juan*	-----	-----	-----	-----	-----	-----	-----
San Miguel	1,047	583,142	21,174	18,891	3,060	154,564	1,871
Sedgwick	2,082	1,050,302	61,293	54,209	9,028	169,159	12,199
Summit	504	220,197	28,840	12,856	6,420	41,765	525
Teller	854	432,090	141,699	12,864	1,888	56,125	3,189
Washington	8,270	3,704,912	72,437	148,923	5,429	825,698	4,906
Weld	22,428	12,918,243	7,464,501	239,769	46,982	887,808	6,540
Yuma	9,907	4,221,478	115,968	171,168	9,911	802,835	13,938
State	234,530	121,905,777	36,082,195	3,578,682	582,962	17,208,287	259,768

*Statistics for two farms included with data for La Plata, to avoid disclosure of individual operations.

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

Poultry

CLIMATIC conditions are especially favorable for poultry raising in Colorado and as a result the industry has shown a substantial growth in recent years. The comparatively light rainfall and abundance of sunshine in the poultry raising areas, which make it possible for fowls to spend much of the time out of doors, are important factors contributing to the success of the industry. Diseases are less prevalent than in most sections of the country and young fowls make rapid 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.

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 value of all poultry raised and of eggs produced in 1929, as reported by the census, was \$13,677,213, distributed as follows:

Chickens raised.....	\$ 4,768,549
Turkeys raised.....	1,443,913
Ducks raised.....	58,742
Geese raised.....	36,786

All poultry.....	\$ 6,307,990
Eggs produced.....	7,369,223

Poultry and eggs.....\$13,677,213

The number of chickens on the farms on April 1, 1930, was 3,653,054. These included only chickens over three months old. The figures are not exactly comparable with those of former census years, due to a difference in the dates upon which the census was taken. The number on farms on April 1, 1925, was 3,751,618. A considerable number of chickens are killed between January 1 and April 1. The number of chickens on farms, by years, as reported by the census were as follows:

Year	Number
1900 (June 1).....	*968,761
1910 (April 15).....	1,644,471
1920 (Jan. 1).....	2,874,721
1925 (Jan. 1).....	3,751,618
1930 (April 1).....	3,653,054

*Includes guinea fowls.

The number of chickens raised in 1929 was 6,333,339, with a value of \$4,768,549. This was an increase of 26.5 per cent over 1924 and 63.2 per cent over 1919 in the number of chickens raised and 42.6 per cent over 1924 and 53.6 per cent over 1919 in the value. The number of chickens raised and their value, by census years, are as follows:

Year	Number	Value
1909.....	2,585,132	\$1,277,417
1919.....	3,880,873	3,104,698
1924.....	5,005,977	3,343,769
1929.....	6,333,339	4,768,549

The number of eggs produced (in dozens) in 1929 was 27,343,356, with a value of \$7,369,223. This was an increase of 32.1 per cent over 1924 and 92.9 per cent over 1919 in the dozens of eggs produced and 44.6 per cent over 1924 and 29.9 per cent over 1919 in their value. The daily production of chicken eggs on April 1, 1930, was 1,830,917 and the average for 1929 was 898,959 daily. The dozens of eggs produced and their value in census years are as follows:

Year	Number (doz.)	Value
1899	5,704,290	.....
1909	10,577,829	\$2,444,006
1919	14,172,375	5,668,950
1924	18,561,043	5,094,348
1929	27,343,356	7,369,223

The raising of baby chicks has grown into a substantial industry, and it is estimated that 5,000,000 are being produced annually. This number includes exports. The census gives 3,061,768 as the number of baby chicks purchased in the state by farmers in 1929.

Turkey raising has increased steadily, the number reported in 1929 being 547,789, with a value of \$1,443,913. Comparative figures as to the number raised are not available, but on January 1, 1920, there were 57,687, with a value of \$183,113, reported on the farms. The number on the farms on April 15, 1910, was 26,430.

The turkey industry was a leading phase of agricultural activity in southwestern Colorado in former years, but more recently it has been more widely distributed, and in 1929 turkeys were reported in every county but two. There are a number of ranches in the state where the birds range much as other classes of livestock, in some instances the flocks being of sufficient size to warrant the use of horses in herding them. Carload shipments of the birds at certain seasons are not uncommon. Approximately 40 per cent of the crop is marketed for Thanksgiving, 49 per cent for Christmas and 11 per cent later. A more general use of turkey meat at other than the special seasons has been a noticeable development in the past few years.

There is published herewith a table showing the number of chickens raised, their value and the number on farms by years and by counties. Another table gives the egg production and value by years and counties and a third table shows the number and value of turkeys, ducks and geese raised by counties in 1929 and the value of all poultry in that year. Another table shows the assessed valuation of poul-

try by counties for taxation purposes as reported by county assessors for 1930 and 1931.

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.

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.

CHICKENS IN COLORADO, BY COUNTIES AND YEARS

(Compiled from Census Reports)

COUNTY	Number of Chickens Raised			Value of Chickens Raised		Number on Farms April 1, 1930
	1929	1924	1919	1929	1924	
Adams	237,665	195,426	122,011	\$183,002	\$134,844	134,488
Alamosa	32,813	17,511	16,115	23,297	10,507	23,707
Arapahoe	255,509	137,121	85,655	183,966	95,985	137,378
Archuleta	13,393	8,618	13,626	10,447	5,688	10,517
Baca	172,776	141,215	126,106	138,221	91,790	102,199
Bent	105,951	37,926	70,794	81,582	57,152	64,452
Boulder	257,479	206,947	127,924	198,259	142,793	133,980
Chaffee	19,188	22,815	14,612	14,967	15,971	11,982
Cheyenne	93,728	67,852	41,124	67,484	47,486	57,691
Clear Creek	1,422	270	993	1,109	189	1,147
Conejos	39,099	23,458	26,561	27,760	14,075	30,193
Costilla	15,504	21,144	13,343	11,008	12,686	13,913
Crowley	60,414	63,478	43,016	46,519	41,261	32,403
Custer	13,598	10,232	16,462	10,470	6,139	11,280
Delta	144,447	94,722	99,576	114,113	58,728	75,482
Denver	47,692	22,472	18,120	36,723	15,506	19,003
Dolores	6,897	5,170	5,936	5,311	3,412	5,159
Douglas	50,614	39,429	33,508	36,442	27,600	30,847
Eagle	20,344	13,192	14,251	16,072	8,179	13,332
Elbert	132,605	101,223	84,100	95,476	70,854	80,271
El Paso	217,045	162,200	108,246	156,272	113,540	114,045
Fremont	112,745	86,640	58,186	86,814	60,648	63,059
Garfield	72,977	54,855	51,646	57,652	34,010	43,400
Gilpin	1,159	1,138	1,594	904	797	827
Grand	7,165	7,145	6,940	5,732	4,501	5,610
Gunnison	10,312	9,226	8,873	8,043	5,720	6,442
Hinsdale	616	637	654	480	420	563
Huerfano	41,600	40,149	75,068	33,280	24,089	28,142
Jackson	4,924	5,281	4,925	3,939	3,327	2,978
Jefferson	304,414	209,982	128,936	234,399	146,987	158,856
Kiowa	78,905	78,554	43,519	56,812	51,060	50,812
Kit Carson	209,906	142,359	99,180	151,132	99,651	127,318
Lake	220	134	232	172	94	267
La Plata	65,852	49,544	52,568	50,706	32,699	43,540
Larimer	258,137	163,576	124,934	193,765	112,867	122,393
Las Animas	121,714	101,824	102,494	97,371	66,186	69,252
Lincoln	155,171	133,950	75,260	111,723	93,765	102,570
Logan	283,205	227,244	148,264	218,068	149,981	152,339
Mesa	208,685	129,744	122,663	164,861	80,441	111,261
Mineral	905	572	421	706	378	608
Moffat	40,071	31,599	40,851	32,057	19,907	26,046
Montezuma	46,358	35,867	46,858	35,696	23,672	34,179
Montrose	100,114	78,657	74,312	79,090	48,767	57,613
Morgan	198,091	214,323	114,762	152,530	141,453	122,137
Otero	143,307	166,797	193,040	110,346	108,418	74,307
Ouray	10,207	6,354	7,491	7,961	4,194	7,163
Park	8,612	5,091	6,168	6,717	3,564	6,075
Phillips	119,565	112,727	50,348	86,087	74,400	73,157
Pitkin	8,805	6,411	7,359	6,868	3,975	5,949
Prowers	204,641	131,229	104,617	157,574	85,299	114,673
Pueblo	157,738	148,398	130,499	121,458	96,459	94,740
Rio Blanco	24,216	32,195	28,902	19,373	20,283	16,072
Rio Grande	49,202	35,790	39,930	34,933	21,474	34,822
Routt	56,180	43,848	49,328	44,944	27,624	34,133
Saguache	25,991	18,181	22,495	18,454	10,909	16,912
San Juan	---	---	---	---	---	---
San Miguel	8,593	10,098	11,857	6,617	6,665	7,029
Sedgwick	78,200	64,303	39,765	60,214	42,440	45,478
Summit	1,315	1,024	1,933	1,026	717	1,192
Teller	5,032	5,262	6,813	3,925	3,683	3,805
Washington	226,461	211,967	144,226	163,052	139,898	151,668
Weld	611,638	525,623	396,031	440,379	362,680	335,381
Yuma	332,207	235,261	174,938	239,189	155,272	196,312
State	6,333,339	5,005,977	3,880,873	\$4,768,549	\$3,343,769	3,653,054

Note: Values of chickens raised in 1919 not segregated.

CHICKEN EGGS PRODUCED, BY COUNTIES AND YEARS
(Compiled from Census Reports)

COUNTY	Number Eggs Produced (Dozens)			Value Eggs Produced		Value Eggs Sold in 1929
	1929	1924	1919	1929	1924	
Adams	1,067,698	643,911	435,917	\$238,278	\$173,856	\$187,761
Alamosa	172,512	71,050	58,504	53,479	20,605	29,132
Arapahoe	1,078,271	639,062	338,060	280,350	178,937	214,929
Archuleta	69,235	48,733	68,663	22,848	14,620	7,550
Baca	671,542	479,120	369,555	174,601	134,154	103,693
Bent	496,805	306,934	257,829	134,137	85,942	76,229
Boulder	1,050,737	788,479	462,695	283,699	212,859	210,135
Chaffee	93,146	49,809	62,339	30,738	14,943	15,669
Cheyenne	440,085	250,861	154,566	114,422	70,241	88,999
Clear Creek	7,356	1,875	3,971	2,207	563	1,679
Conejos	188,789	175,962	142,833	58,525	51,029	29,364
Costilla	90,411	37,562	65,732	28,027	10,893	11,030
Crowley	249,052	189,399	133,436	67,244	53,032	40,758
Custer	71,768	48,213	54,977	19,577	13,982	8,661
Delta	633,130	367,057	393,455	164,614	102,776	101,574
Denver	181,598	104,680	71,970	49,031	28,264	36,850
Dolores	31,818	17,063	15,202	9,545	5,119	4,646
Douglas	224,532	124,126	132,531	58,378	34,755	36,467
Eagle	94,380	77,689	74,177	26,426	21,753	10,457
Elbert	592,478	487,325	262,280	154,044	136,451	99,837
El Paso	1,055,632	582,012	387,608	274,464	162,963	198,764
Fremont	529,955	340,420	208,945	151,187	102,126	102,923
Garfield	350,692	217,954	235,306	98,194	61,027	51,170
Gilpin	6,369	8,062	4,125	1,911	2,419	532
Grand	38,651	33,945	29,409	12,368	9,505	2,931
Gunnison	45,590	34,514	45,858	13,677	9,664	4,314
Hinsdale	4,569	3,049	1,881	1,508	915	366
Huerfano	198,430	116,770	137,595	57,545	33,863	30,387
Jackson	21,595	23,745	16,973	6,910	6,649	1,024
Jefferson	1,392,032	905,557	500,420	375,849	271,667	295,256
Kiowa	364,893	241,903	146,826	94,872	67,733	66,897
Kit Carson	845,558	495,525	470,932	219,845	138,747	156,997
Lake	2,017	2,714	2,211	666	214	133
La Plata	335,211	207,187	226,338	100,566	62,156	54,156
Larimer	949,129	590,609	460,039	256,265	159,464	163,396
Las Animas	522,837	291,851	265,958	146,394	81,718	75,041
Lincoln	751,277	453,344	325,585	195,332	126,936	143,142
Logan	1,066,991	817,630	543,118	288,088	204,408	179,727
Mesa	888,865	610,793	472,609	231,105	171,022	141,418
Mineral	5,170	4,531	2,049	1,706	1,359	817
Moffat	205,369	109,620	155,248	65,718	30,694	29,161
Montezuma	258,965	129,331	198,802	77,690	38,799	40,697
Montrose	443,737	362,637	325,610	115,372	101,538	62,081
Morgan	864,844	544,964	438,773	233,508	136,241	142,157
Otero	600,370	582,285	335,867	156,096	163,040	96,668
Ouray	56,752	27,702	38,284	17,026	8,311	7,877
Park	39,719	27,740	30,432	11,916	8,322	4,487
Phillips	489,978	306,866	190,336	127,394	76,717	96,598
Pitkin	35,715	15,077	34,600	10,715	4,222	4,468
Prowers	819,396	520,668	401,577	213,043	145,787	141,569
Pueblo	725,152	609,854	405,318	195,791	170,759	150,617
Rio Blanco	111,267	66,184	99,099	33,380	18,532	13,057
Rio Grande	225,121	120,845	141,036	69,788	35,045	39,010
Routt	243,871	242,201	170,716	78,039	67,816	36,893
Saguache	117,204	64,166	77,474	36,333	18,608	16,883
San Juan	---	---	---	---	---	---
San Miguel	52,931	60,172	51,350	14,821	18,052	6,683
Sedgwick	297,211	221,920	155,404	74,303	55,480	48,600
Summit	7,839	9,015	7,505	2,587	2,705	529
Teller	26,094	22,783	30,700	7,306	6,835	2,948
Washington	1,038,846	936,747	695,992	270,100	234,187	190,566
Weld	2,391,050	2,019,418	1,425,802	645,584	545,243	358,229
Yuma	1,401,119	669,823	719,973	364,291	167,456	238,638
State	27,343,356	18,561,043	14,172,375	\$7,369,223	\$5,094,348	\$4,713,227

Note—Values of eggs produced in 1919 not segregated.

TURKEYS, DUCKS AND GEESE; NUMBER RAISED AND VALUE, 1929
(Compiled from Census Reports)

COUNTY	TURKEYS		DUCKS		GEESE		Value All Poultry Including Chickens
	Number Raised	Value	Number Raised	Value	Number Raised	Value	
Adams	14,993	\$ 38,832	5,210	\$ 4,429	1,601	\$ 2,642	\$ 228,905
Alamosa	3,694	9,974	198	164	154	277	33,712
Arapahoe	9,819	24,253	4,323	3,372	858	1,416	213,007
Archuleta	8,413	23,556	27	22	27	49	34,074
Baca	8,104	20,665	343	274	296	444	159,604
Bent	21,923	55,904	376	301	264	436	138,223
Boulder	7,464	19,332	2,863	2,434	958	1,677	221,702
Chaffee	1,714	4,799	259	215	101	182	20,163
Cheyenne	5,430	13,412	344	268	143	222	81,386
Clear Creek	46	129	8	7	---	---	1,245
Conejos	5,609	15,144	218	181	123	221	43,306
Costilla	853	2,303	46	38	42	76	13,425
Crowley	19,022	48,506	329	263	154	262	95,550
Custer	1,437	3,664	149	119	105	189	14,442
Delta	34,992	99,727	897	745	486	875	215,460
Denver	191	495	771	655	96	168	38,041
Dolores	900	2,430	3	2	---	---	7,743
Douglas	5,946	14,687	592	462	129	219	51,810
Eagle	3,585	10,217	81	67	23	41	26,397
Elbert	9,717	24,001	846	660	238	381	120,518
El Paso	9,074	22,413	1,029	803	200	340	179,828
Fremont	4,832	12,322	1,705	1,364	332	598	101,098
Garfield	8,376	23,872	821	681	328	590	82,795
Gilpin	---	---	20	17	1	2	923
Grand	648	1,782	33	30	4	7	7,551
Gunnison	857	2,400	56	46	23	41	10,530
Hinsdale	173	484	12	10	23	41	1,015
Huerfano	2,223	5,669	186	149	72	122	39,220
Jackson	113	311	30	27	2	4	4,281
Jefferson	9,925	25,706	6,401	5,441	1,740	3,045	268,591
Kiowa	6,396	15,798	268	209	189	293	73,112
Kit Carson	5,895	14,561	1,321	1,030	448	694	167,417
Lake	2	6	5	4	---	---	182
La Plata	27,638	74,623	699	580	350	630	126,539
Larimer	10,508	27,216	2,816	2,394	1,074	1,880	230,255
Las Animas	7,031	17,929	530	424	103	165	115,889
Lincoln	9,706	23,974	1,445	1,127	358	573	137,397
Logan	12,411	32,144	4,805	4,084	1,506	2,334	256,630
Mesa	47,688	135,911	1,949	1,618	932	1,678	304,068
Mineral	20	56	19	16	6	11	789
Moffat	3,404	9,361	617	555	154	277	42,250
Montezuma	14,918	40,279	529	439	287	517	76,931
Montrose	22,876	65,197	1,249	1,037	457	823	146,147
Morgan	11,862	30,723	2,768	2,353	555	916	186,522
Otero	36,441	92,925	716	573	432	756	204,600
Ouray	2,555	7,154	92	76	14	25	15,216
Park	585	1,638	138	115	33	59	8,529
Phillips	3,202	7,909	959	748	318	493	95,237
Pitkin	1,435	4,018	68	56	---	---	10,942
Prowers	22,615	57,668	969	775	385	597	216,614
Pueblo	8,576	21,869	655	524	256	461	144,312
Rio Blanco	2,961	8,143	114	103	61	110	27,729
Rio Grande	4,139	11,175	364	302	176	317	46,727
Routt	3,917	10,772	515	464	196	353	56,533
Saguache	2,536	6,847	212	176	121	218	25,695
San Juan	---	---	---	---	---	---	---
San Miguel	1,319	3,561	158	131	23	41	10,350
Sedgwick	3,305	8,560	843	717	336	521	70,012
Summit	94	263	4	3	10	18	1,310
Teller	639	1,725	42	35	9	16	5,701
Washington	16,074	39,703	2,153	1,679	1,031	1,650	206,084
Weld	37,542	97,234	13,717	11,659	3,154	5,204	554,476
Yuma	19,426	47,982	1,910	1,490	380	589	289,250
State	547,789	\$1,443,913	70,825	\$58,742	21,877	\$36,786	\$6,307,990

POULTRY (DOZENS) IN COLORADO, 1930 AND 1931
(From Reports of County Assessors to State Tax Commission)

COUNTY	1931			1930		
	Number	Assessed Value	Average Per Dozen	Number	Assessed Value	Average Per Dozen
Adams -----	7,958	\$ 42,940	\$ 5.40	8,691	\$ 46,790	\$ 5.38
Alamosa -----	782	3,910	5.00	728	3,685	5.06
Arapahoe -----	7,878	40,095	5.09	8,712	43,560	5.00
Archuleta -----	698	4,580	6.56	580	3,970	6.84
Baca -----	6,697	33,935	5.07	5,564	27,820	5.00
Bent -----	4,605	23,350	5.07	4,750	23,785	5.00
Boulder -----	6,279	31,950	5.09	5,673	31,210	5.50
Chaffee -----	571	2,865	5.02	553	3,365	6.08
Cheyenne -----	2,567	13,015	5.07	3,281	16,615	5.05
Clear Creek -----	59	295	5.00	78	390	5.00
Conejos -----	1,150	5,800	5.04	1,041	5,205	5.00
Costilla -----	744	3,865	5.19	550	2,790	5.07
Crowley -----	2,854	17,210	6.03	2,845	16,805	5.91
Custer -----	543	2,715	5.00	554	2,770	5.00
Delta -----	4,174	23,720	5.68	4,668	23,340	5.00
Denver -----	250	1,250	5.00	295	1,540	5.22
Dolores -----	2,125	11,465	5.40	2,157	12,235	5.67
Douglas -----	785	3,970	5.06	778	3,890	5.00
Eagle -----	4,897	24,952	5.10	5,190	27,021	5.21
Elbert -----	6,880	34,890	5.07	6,740	33,700	5.00
El Paso -----	4,800	24,014	5.00	4,421	22,108	5.00
Fremont -----	3,113	17,185	5.52	3,339	17,980	5.38
Garfield -----	333	1,665	5.00	313	1,565	5.00
Gilpin -----	498	2,625	5.27	515	2,830	5.50
Grand -----	1,109	5,565	5.02	1,236	6,255	5.06
Gunnison -----	297	1,480	5.00	206	1,030	5.00
Hinsdale -----	11,560	59,295	5.13	11,583	58,015	5.00
Huerfano -----	2,770	13,850	5.00	2,971	14,855	5.00
Jackson -----	8,954	47,022	5.25	8,954	45,373	5.07
Jefferson -----	2,770	13,850	5.00	2,971	14,855	5.00
Kiowa -----	8,954	47,022	5.25	8,954	45,373	5.07
Kit Carson -----	2,770	13,850	5.00	2,971	14,855	5.00
Lake -----	2,525	15,120	5.99	2,355	15,290	6.49
La Plata -----	8,412	42,060	5.00	8,712	43,560	5.00
Larimer -----	2,040	10,654	5.22	2,358	13,237	5.61
Las Animas -----	6,248	31,240	5.00	6,992	34,960	5.00
Lincoln -----	10,760	53,800	5.00	11,072	55,360	5.00
Logan -----	10,867	54,335	5.00	11,426	57,130	5.00
Mesa -----	59	295	5.00	65	325	5.00
Mineral -----	1,362	7,430	5.46	1,322	7,190	5.43
Moffat -----	2,203	11,015	5.00	1,973	9,865	5.00
Montezuma -----	3,715	18,565	5.00	4,094	20,470	5.00
Montrose -----	6,831	35,400	5.18	8,646	43,230	5.00
Morgan -----	6,442	37,690	5.85	6,899	39,380	5.71
Otero -----	255	1,350	5.30	241	1,205	5.00
Ouray -----	512	2,560	5.00	536	3,210	6.00
Park -----	4,744	24,105	5.08	5,119	25,595	5.00
Phillips -----	242	1,210	5.00	255	1,275	5.00
Pitkin -----	7,414	41,725	5.63	7,947	45,617	5.74
Prowers -----	6,260	32,925	5.26	6,503	32,560	5.01
Pueblo -----	694	3,490	5.03	735	3,675	5.00
Rio Blanco -----	683	3,415	5.00	746	3,730	5.00
Rio Grande -----	2,206	11,030	5.00	2,000	10,000	5.00
Routt -----	700	3,500	5.00	768	3,840	5.00
Saguache -----	342	1,710	5.00	420	2,100	5.00
San Juan -----	2,893	14,780	5.11	3,051	15,405	5.00
San Miguel -----	60	300	5.00	64	320	5.00
Sedgwick -----	155	845	5.45	158	855	5.41
Summit -----	9,419	49,035	5.21	9,832	53,290	5.42
Teller -----	18,134	91,450	5.04	19,594	99,860	5.10
Washington -----	9,936	51,930	5.23	11,150	59,110	5.30
Weld -----	222,043	\$1,152,437	\$ 5.19	232,040	\$1,202,196	\$ 5.18
Yuma -----						
State -----						

Bees and Honey

COLORADO produces approximately 2,500,000 to 3,500,000 pounds of honey annually, the crop varying according to climatic conditions and the flora available for nectar secretions. In 1929, according to census reports, the state's crop was 3,509,510 pounds, valued at \$396,270. This was an increase of 1,015,560 pounds, compared with 1919, and a decrease of \$177,340 in value. The crop in 1930 was estimated at approximately 3,000,000 pounds and 1931 showed a small decrease, due principally to a dry year and the absence of an ample supply of nectar secretions. Under normal conditions 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.

A table is published herewith showing the number of stands of bees assessed for taxation purposes in 1931 and 1930, by counties, their assessed value and the average per stand. These figures, as reported by the county assessors, are of value principally as indicating the trend and distribution of the industry in non-census years, as they are necessarily incomplete and below the actual number.

The number of hives as reported by the census bureau for the state, by years, is as follows:

Year	Hives
1900, June 1	59,756
1910, Jan. 15	71,434
1920, Jan. 1	63,253
1930, April 1	67,289

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

Year	Pounds	Value
1899	1,732,630	*\$171,740
1909	2,306,492	225,883
1919	2,493,950	573,610
1929	3,509,510	396,270

*Includes wax.

An accompanying table shows the number of bee hives and the value of the bees on April 1, 1930, and January 1, 1920, by counties, and the quantity and value of the honey produced in 1929 and 1919, by counties. The figures are not exactly comparable, due to the different dates upon which the census was taken, as the normal life of a bee is only 35 days.

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.

Fifty of the 63 counties in the state reported honey production in 1929. While this indicates a wide distribution of the industry, 13 counties actually produced nearly 75 per cent of the total output. The counties comprising the principal honey-producing areas, their output and the value of production in 1929, are as follows:

County	Pounds	Value
Alamosa	128,048	\$ 13,445
Boulder	162,842	20,355
Conejos	120,953	12,700
Crowley	163,095	19,571
Delta	357,040	35,704
Garfield	163,562	17,992
La Plata	201,305	20,131
Mesa	299,620	29,962
Montrose	205,694	20,569
Morgan	134,071	16,759
Otero	317,421	38,091
Prowers	114,400	13,728
Weld	252,416	31,552
Total, 13 counties	2,620,467	\$290,559
Total, state	3,509,510	396,270
Per cent of total	74.7	73.3

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.

BEES AND HONEY; NUMBER, VALUE AND PRODUCTION, BY COUNTIES AND YEARS
(Compiled from Census Reports)

COUNTY	Hives of Bees (Number)		Value of Bees		Honey Produced (Pounds)		Value Honey Produced	
	1930	1920	1930	1920	1929	1919	1929	1919
Adams	1,698	847	\$ 8,320	\$ 5,607	51,442	15,556	\$ 6,430	\$ 3,594
Alamosa	1,237	518	5,814	2,402	128,048	10,021	13,445	2,323
Arapahoe	1,673	2,589	7,863	19,956	62,169	125,235	8,393	29,182
Archuleta	125	540	638	2,629	3,780	34,165	416	7,938
Baca	26	---	112	---	1,056	---	127	---
Bent	1,357	916	6,378	5,634	95,521	29,710	11,463	6,945
Boulder	3,212	3,535	15,739	24,951	162,842	160,955	20,355	37,536
Chaffee	38	120	179	669	703	2,607	81	640
Cheyenne	1	---	4	---	---	---	---	---
Clear Creek	---	---	---	---	---	---	---	---
Conejos	1,543	1,667	7,869	7,707	120,953	47,152	12,700	11,533
Costilla	135	126	635	534	4,685	2,391	492	550
Crowley	1,544	1,736	7,257	14,600	163,095	43,924	19,571	10,290
Custer	172	193	808	1,138	6,399	6,146	768	1,436
Delta	5,551	5,434	26,090	47,185	357,040	315,544	35,704	73,873
Denver	293	22	1,436	144	18,111	388	2,264	89
Dolores	13	48	68	505	450	852	45	196
Douglas	220	571	1,034	2,936	3,662	14,641	494	3,387
Eagle	125	166	588	932	1,769	4,895	195	1,160
Elbert	344	702	1,617	3,568	4,515	12,753	610	3,049
El Paso	580	347	2,726	1,818	17,459	4,351	2,357	1,008
Fremont	889	772	4,178	3,856	44,623	18,128	5,355	4,272
Garfield	2,881	4,541	13,541	28,796	163,562	181,950	17,992	42,479
Gilpin	---	---	---	---	---	---	---	---
Grand	---	---	---	---	---	---	---	---
Gunnison	---	6	---	60	---	96	---	23
Hinsdale	1	2	5	10	---	---	---	---
Huerfano	346	461	1,626	2,185	10,700	14,330	1,284	3,516
Jackson	---	---	---	---	---	---	---	---
Jefferson	1,737	4,292	8,511	35,672	55,916	175,200	6,990	40,717
Kiowa	---	12	---	36	76	100	10	23
Kit Carson	2	---	9	---	250	---	34	---
Lake	---	2,829	---	14,905	---	106,457	---	25,185
La Plata	4,300	---	24,510	---	201,305	---	20,131	---
Larimer	2,223	3,451	10,448	23,109	87,597	157,879	10,950	37,212
Las Animas	809	1,065	3,802	6,007	28,322	19,531	3,399	4,543
Lincoln	114	30	536	150	1,688	1,000	228	230
Logan	930	1,304	4,371	9,493	70,424	40,044	8,803	9,450
Mesa	10,048	6,210	47,226	40,714	299,620	294,178	29,962	68,803
Mineral	---	---	---	---	---	---	---	---
Moffat	159	36	747	283	6,000	940	660	217
Montezuma	3,611	1,560	20,583	11,627	75,757	85,157	7,576	20,037
Montrose	4,186	3,454	19,674	24,782	205,694	110,705	20,569	26,382
Morgan	1,608	1,699	7,558	15,289	134,074	83,043	16,759	19,738
Otero	4,097	79	19,256	407	317,421	990	38,091	228
Ouray	380	163	1,786	892	21,445	5,990	2,359	1,392
Park	---	1	---	12	---	18	---	4
Phillips	---	---	---	---	---	---	---	---
Pitkin	108	34	508	158	622	850	68	196
Prowers	1,724	1,913	7,413	13,533	114,400	57,132	13,728	13,356
Pueblo	1,717	2,109	8,070	14,805	87,969	56,649	10,556	13,282
Rio Blanco	438	580	2,059	3,194	9,504	13,889	1,045	3,227
Rio Grande	488	512	2,294	2,488	31,350	19,542	3,292	4,620
Routt	33	5	155	35	1,250	85	138	20
Saguache	734	227	3,450	1,459	47,377	5,347	4,975	1,257
San Juan	---	---	---	---	---	---	---	---
San Miguel	378	45	1,852	360	29,110	770	2,911	185
Sedgwick	173	78	813	655	4,805	1,950	601	489
Summit	---	---	---	---	---	---	---	---
Teller	3	---	14	---	7	---	1	---
Washington	12	13	56	65	262	80	35	18
Weld	3,177	5,674	14,932	35,254	252,416	210,530	31,552	49,064
Yuma	96	19	413	133	2,265	104	306	25
State	67,289	63,253	\$325,571	\$433,339	3,509,510	2,493,950	\$396,270	*\$584,924

Note—Number of hives of bees owned on farms, or elsewhere, are as of April 1, 1930, and January 1, 1920.
*Includes value of 28,282 pounds of wax produced, valued at \$11,314. The value of honey produced was \$573,610.

BEEES (STANDS) IN COLORADO, 1930 AND 1931
 (From Reports of County Assessors to State Tax Commission)

COUNTY	1931			1930		
	Number	Assessed Value	Average Per Stand	Number	Assessed Value	Average Per Stand
Adams	2,452	\$ 7,355	\$ 3.00	2,500	\$ 10,000	\$ 4.00
Alamosa	1,847	5,896	3.19	1,420	5,825	4.10
Arapahoe	663	2,015	3.04	630	2,520	4.00
Archuleta	---	---	---	57	230	4.00
Baca	---	---	---	---	---	---
Bent	2,146	6,440	3.00	1,658	6,675	4.00
Boulder	2,445	7,370	3.01	2,695	10,780	4.00
Chaffee	90	270	3.00	82	330	4.02
Cheyenne	---	---	---	---	---	---
Clear Creek	---	---	---	---	---	---
Conejos	1,927	5,780	3.00	2,025	8,065	4.00
Costilla	90	270	3.00	91	365	4.01
Crowley	2,490	7,485	3.01	2,378	9,545	4.01
Custer	53	160	3.00	47	185	4.00
Delta	3,122	9,665	3.10	2,817	12,235	4.34
Denver	---	---	---	---	---	---
Dolores	---	---	---	4	20	5.00
Douglas	392	1,175	3.00	22	90	4.09
Eagle	120	360	3.00	51	204	4.00
Elbert	77	255	3.31	35	152	4.34
El Paso	303	1,260	4.16	405	1,680	4.15
Fremont	662	1,984	3.00	871	3,486	4.00
Garfield	3,308	10,240	3.10	3,002	12,430	4.14
Gilpin	---	---	---	---	---	---
Grand	---	---	---	---	---	---
Gunnison	---	---	---	---	---	---
Hinsdale	---	---	---	---	---	---
Huerfano	32	150	4.69	125	575	4.60
Jackson	---	---	---	---	---	---
Jefferson	1,418	4,405	3.11	1,445	6,005	4.15
Kiowa	---	---	---	---	---	---
Kit Carson	---	---	---	---	---	---
Lake	---	---	---	---	---	---
La Plata	2,399	7,250	3.02	2,466	9,835	3.98
Larimer	2,520	7,560	3.00	1,760	7,040	4.00
Las Animas	505	1,780	3.52	576	2,305	4.00
Lincoln	---	---	---	---	---	---
Logan	728	2,185	3.00	618	2,475	4.00
Mesa	5,036	15,110	3.00	4,235	16,955	4.00
Mineral	---	---	---	---	---	---
Moffat	30	120	4.00	36	150	4.17
Montezuma	2,062	7,925	3.84	2,704	10,960	4.05
Montrose	4,160	12,480	3.00	4,569	18,276	4.00
Morgan	1,133	3,410	3.01	905	3,620	4.00
Otero	4,368	13,105	3.00	5,184	21,075	4.07
Ouray	225	900	4.00	231	924	4.00
Park	---	---	---	---	---	---
Phillips	---	---	---	---	---	---
Pitkin	---	---	---	54	270	5.00
Prowers	1,376	4,228	3.07	1,372	5,484	4.00
Pueblo	1,422	4,645	3.27	1,481	5,935	4.01
Rio Blanco	---	---	---	---	---	---
Rio Grande	605	1,816	3.00	590	2,360	4.00
Routt	---	---	---	---	---	---
Saguache	356	1,070	3.00	262	1,048	4.00
San Juan	---	---	---	---	---	---
San Miguel	150	550	3.67	150	600	4.00
Sedgwick	298	950	3.19	315	1,285	4.08
Summit	---	---	---	---	---	---
Teller	---	---	---	---	---	---
Washington	---	---	---	---	---	---
Weld	4,144	12,490	3.01	3,340	13,410	4.01
Yuma	40	120	3.00	33	140	4.25
State	55,194	\$170,229	\$ 3.08	53,241	\$215,544	\$ 4.05

Horticulture and Floriculture

THE value of Colorado's orchard crop, exclusive of berries and some small fruits, varies year by year according to climatic conditions and the seasonal farm value. In a 13-year period ending with 1931, the maximum output was established in 1919 when the crop was valued at \$9,451,800, and the minimum was established in 1931, in which year the crop was valued at \$2,353,000. The value of the crop by years is as follows:

Year	Value
1919	\$9,451,800
1920	6,143,700
1921	8,953,000
1922	5,910,750
1923	5,987,620
1924	6,801,000
1925	6,068,000
1926	5,239,000
1927	5,647,000
1928	3,786,000
1929	5,370,000
1930	2,753,000
1931	2,353,000

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.

The locations of the principal orchards of the state and the areas in which small fruits are grown are shown in two tables published herewith. One of these gives the number of apple, peach and pear trees of bearing age, by counties, in 1930 and 1920, and production in 1929, as shown by the census reports. Another shows the number of cherry and plum and prune trees and

grape vines of bearing age, by counties, for the same years.

Another table gives state totals on trees of bearing age in 1930 and 1920, trees not of bearing age and production of fruit for these years.

Other tables give state totals on the number of farms reporting strawberries, raspberries, blackberries and dewberries, currants, gooseberries and other small fruits in 1929 and 1919, the acreage cultivated and the production for these years; the quantity and value of the fruit crops for 1931, 1930 and 1929 as reported by the Colorado Co-Operative Crop Reporting service, and the average prices for apples, peaches and pears in Colorado and the United States, as of December 1, for the years 1927 to 1931, inclusive.

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, including flowers, plants and vegetables grown under glass and flowers grown in the open; the operation of nurseries and bulb farms and the production of flower and vegetable seed, has developed into one of the state's important industries.

The bureau of the census took a census of the industry in 1930, the reports covering operations in 1929. This was done at the request of the industry and was conducted by mail. The results, as given in the preliminary figures, showed an investment of \$4,981,990 in land, buildings and equipment, and \$2,795,685 in greenhouses, a total of \$7,777,675, by 204 establishments reporting. Total receipts of these establishments for the year were \$3,535,862. The receipts are below estimates made by the industry in the state in the same year, these estimates placing the annual business at approximately \$5,000,000. A summary of the census report is published in an accompanying table.

Climatic conditions, which are favor-

able 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 3,527,000 square feet.

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 bushes 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.

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 famous 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 favorable 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

	1931		1930		1929	
	Quantity	Value	Quantity	Value	Quantity	Value
Apples (Bu.)-----	2,090,000	\$1,254,000	1,060,000	\$ 901,000	2,300,000	\$2,185,000
Peaches (Bu.)-----	1,130,000	565,000	787,000	1,141,000	953,000	1,382,000
Pears (Bu.)-----	385,000	231,000	146,000	190,000	600,000	900,000
Cherries (Tons)-----	2,500	175,000	3,500	315,000	5,100	612,000
Miscellaneous fruits-----	-----	128,000	-----	206,000	-----	291,000
	-----	\$2,353,000	-----	\$2,753,000	-----	\$5,370,000

SMALL FRUITS: ACREAGE AND PRODUCTION IN COLORADO
(Bureau of the Census)

	Strawberries	Raspberries	Blackberries and Dewberries	Currants	Gooseberries	Other Small Fruits
Farms reporting:						
1929 -----	1,588	1,890	195	361	240	36
1919 -----	1,513	1,356	251	751	-----	-----
Acreage:						
1929 -----	658	973	112	85	88	9
1919 -----	653	600	91	141	-----	-----
Production (Quarts):						
1929 -----	900,765	982,546	78,951	54,648	146,390	7,600
1919 -----	944,276	633,766	76,234	137,634	-----	-----

COLORADO FRUIT TREES AND PRODUCTION, CENSUS YEARS
(Bureau of the Census)

	Apples	Peaches	Pears	Plums and Prunes	Cherries	†Grapes	Apricots
Trees not of bearing age, number:							
1930 -----	97,053	334,565	47,809	17,923	230,218	37,434	10,974
1920 -----	183,315	32,158	39,979	28,055	74,799	15,836	575
Trees of bearing age:							
1930 -----	993,188	454,101	155,300	60,148	286,111	168,307	15,015
1920 -----	1,777,737	446,943	136,117	80,027	348,832	125,027	5,904
Production (bushels):							
1929 -----	2,251,330	953,175	527,900	26,890	182,606	*963,202	22,176
1919 -----	3,417,682	721,480	269,465	44,944	165,087	*526,509	9,154

*Pounds. †Vines.

APPLE, PEACH AND PEAR TREES, 1930 AND 1920, AND PRODUCTION IN 1929, BY COUNTIES
(Compiled from Census Reports)

COUNTY	Apples			Peaches			Pears		
	No. Trees		Production 1929 (Bu.)	No. Trees		Production 1929 (Bu.)	No. Trees		Production 1929 (Bu.)
	1930	1920		1930	1920		1930	1920	
Adams	6,463	14,999	18,940	35	114	8	37	44	17
Alamosa	82	---	89	---	---	---	---	---	---
Arapahoe	4,357	12,895	9,006	51	17	7	148	125	45
Archuleta	676	3,680	75	---	37	---	26	147	58
Baca	400	934	82	1,753	2,709	390	90	312	19
Bent	1,586	5,709	754	675	1,776	514	84	77	22
Boulder	21,150	40,285	58,711	34	173	23	25	143	30
Chaffee	10,067	11,645	5,841	1	---	---	23	24	13
Cheyenne	175	232	31	119	529	28	22	25	2
Clear Creek	6	---	2	---	---	---	---	---	---
Conejos	133	62	188	---	---	---	---	---	---
Costilla	934	260	1,434	---	---	---	51	23	91
Crowley	8,829	19,626	6,706	138	336	184	30	16	3
Custer	616	1,301	483	10	63	5	14	23	---
Delta	423,932	482,644	1,189,442	148,089	163,488	78,373	9,375	8,449	18,327
Denver	255	904	310	---	---	---	---	19	---
Dolores	105	70	14	45	10	39	4	10	---
Douglas	3,094	2,276	1,183	2	50	---	4	5	6
Eagle	479	1,221	620	1	---	1	5	52	5
Elbert	408	681	252	17	16	3	38	14	3
El Paso	1,408	2,557	620	35	19	7	15	40	21
Fremont	115,003	195,010	124,991	176	1,691	118	1,351	1,379	2,045
Garfield	37,439	67,685	54,450	5,212	7,885	2,206	587	2,033	778
Gilpin	---	---	---	---	---	---	---	---	---
Grand	---	---	---	---	---	---	---	---	---
Gunnison	320	8	400	---	---	---	---	---	---
Hinsdale	---	---	---	---	---	---	---	---	---
Huerfano	4,485	7,422	10,672	14	15	6	31	118	57
Jackson	---	---	---	---	---	---	---	---	---
Jefferson	31,294	56,646	28,899	154	538	60	105	202	23
Kiowa	132	199	50	110	152	21	15	13	3
Kit Carson	327	635	57	177	909	36	35	21	3
Lake	---	22,651	---	---	233	---	---	1,291	---
La Plata	16,689	---	31,618	268	---	247	1,446	---	1,905
Larimer	53,012	65,585	170,081	9	200	4	72	424	143
Las Animas	2,934	5,019	3,474	88	27	47	41	45	12
Lincoln	370	116	198	225	152	47	12	4	3
Logan	1,134	1,476	1,059	134	68	88	60	72	23
Mesa	108,950	477,800	284,250	285,754	242,200	862,316	139,114	115,525	501,167
Mineral	---	---	---	---	---	---	---	---	---
Moffat	269	66	524	5	---	15	8	---	15
Montezuma	48,403	67,471	122,816	3,593	7,001	5,249	998	2,250	1,620
Montrose	51,903	106,774	94,702	4,431	8,217	1,101	768	2,071	1,037
Morgan	788	1,357	640	14	49	6	60	24	10
Otero	9,530	36,878	1,338	364	1,248	401	37	65	23
Ouray	343	522	219	33	22	3	7	18	8
Park	---	---	---	---	---	---	---	---	---
Phillips	163	158	60	47	57	9	20	1	4
Pitkin	286	296	265	---	---	---	1	10	1
Frowers	3,564	9,726	1,054	982	2,923	786	74	192	17
Pueblo	11,250	27,585	11,916	87	214	40	54	217	23
Rio Blanco	620	959	570	1	---	---	2	---	---
Rio Grande	187	103	444	---	---	---	---	---	---
Routt	90	33	130	---	4	---	---	---	---
Saguache	525	442	1,041	1	---	1	3	6	3
San Juan	---	---	---	---	45	---	---	---	---
San Miguel	505	1,250	364	8	45	11	25	70	20
Sedgwick	163	135	239	106	54	---	14	26	22
Summit	---	---	---	---	---	---	---	---	---
Teller	28	3,017	---	---	100	---	---	25	---
Washington	489	164	163	242	209	18	60	15	21
Weld	6,137	15,640	8,353	28	202	22	150	108	155
Yuma	1,599	2,928	1,500	833	3,190	735	159	344	92
State	993,186	1,777,737	2,251,330	454,101	446,943	953,175	155,300	136,117	527,900

Note—Table shows only trees of bearing age for 1930 and 1920. A separate table gives state totals for trees of non-bearing age.

CHERRY, PLUM AND PRUNE TREES AND GRAPE VINES, 1930 AND 1920, AND PRODUCTION IN 1929, BY COUNTIES

(Compiled from Census Reports)

COUNTY	Cherries			Plums and Prunes			Grapes		
	No. Trees		Production 1929 (Bushels)	No. Trees		Production 1929 (Bushels)	No. Vines		Production 1929 (Pounds)
	1930	1920		1930	1920		1930	1920	
Adams	3,670	12,071	1,466	1,270	1,755	471	408	75	531
Alamosa	2								
Arapahoe	1,840	3,788	922	789	1,017	655	260	27	985
Archuleta	18	151		52	101	12	3		
Baca	1,153	1,073	69	720	740	101	556	1,125	1,360
Bent	737	1,477	322	1,000	1,299	798	830	1,280	1,895
Boulder	3,566	7,719	2,217	1,262	3,462	775	6,324	5,662	36,013
Chaffee	123	126	51	60	221	38			
Cheyenne	224	244	55	319	1,286	67	53	128	30
Clear Creek									
Conejos	17		5	2	9	1		6	
Costilla	45	7	21	59	105	35			
Crowley	1,606	30,691	1,238	251	790	160	12,235	7,492	91,925
Custer	29	206	16	34	94	3		4	
Delta	10,418	13,846	15,014	4,225	11,025	2,116	19,728	9,067	154,580
Denver	142	497	103	11	66	10	104		200
Dolores	14	6	7	28	41	6	6	6	75
Douglas	63	142	13	144	82	17	21		
Eagle	84	211	25	47	57	27			
Elbert	940	1,429	595	247	383	51	6	29	
El Paso	1,495	17,261	240	298	219	148	150	250	600
Fremont	36,638	43,151	47,260	2,079	3,625	428	16,076	23,404	56,610
Garfield	3,193	4,053	3,866	2,322	2,395	1,977	22,343	9,544	95,794
Gilpin									
Grand									
Gunnison		3							
Hinsdale									
Huerfano	191	558	114	86	511	56		2	
Jackson									
Jefferson	42,577	50,245	12,349	6,667	8,581	1,744	12,484	11,990	32,693
Kiowa	141	372	77	172	1,435	25	191	150	200
Kit Carson	891	1,114	253	1,086	1,199	72	125	2,413	20
Lake		2,064			1,487			37	
La Plata	1,446		1,202	1,468		800	271		1,699
Larimer	145,957	73,169	76,689	3,535	4,412	1,844	1,526	262	2,005
Las Animas	1,281	428	128	619	1,166	118	36	12	46
Lincoln	693	364	234	488	1,294	75	73	224	150
Logan	1,512	1,354	395	2,472	1,437	1,186	129		980
Mesa	3,763	9,639	3,438	3,356	4,565	2,865	38,375	18,390	267,723
Mineral									
Moffat	38	1	19	184	14	46	54		500
Montezuma	1,188	2,233	1,496	1,727	2,643	2,253	10,085	4,838	70,638
Montrose	1,601	4,187	1,683	1,451	3,025	2,449	8,087	4,581	50,533
Morgan	1,165	1,790	398	11,000	2,166	946	71	157	250
Otero	3,603	35,085	2,617	991	3,964	665	13,504	16,090	76,430
Puray	12	33		95	74	47	88	12	500
Park									
Phillips	971	583	307	525	202	171	32		155
Pitkin	17	23	8		14				
Prowers	720	2,375	191	1,377	1,730	390	126	394	305
Pueblo	3,249	11,907	2,122	757	2,519	581	3,588	6,507	15,475
Rio Blanco	22	39	15	52	22	58			
Rio Grande	1			15		5			
Salt	38	2	5	4	2	1			
Saguache	14	105	2	16	22	9			
San Juan									
San Miguel	32	82	21	29	53	15	10	20	50
Sedgewick	360	608	226	660	392	260	35		93
Seminole									
Sheridan	1	1,000			100				
Washington	1,343	826	263	1,257	1,185	152	34	83	25
Weld	3,497	5,944	2,999	2,199	6,372	1,403	207	250	1,823
Windsor									
Yuma	3,764	4,600	1,850	2,641	1,669	758	73	516	306
State	286,111	348,832	182,606	60,148	80,027	26,890	168,307	125,027	963,202

Note—Table shows only trees or vines of bearing age for 1930 and 1920. A separate table shows state totals for trees or vines of non-bearing age.

AVERAGE PRICES OF APPLES, PEACHES AND PEARS ON DECEMBER 1

	1931		1930		1929		1928		1927	
	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.
Apples -----	.60	.58	.85	.93	.95	1.31	.65	1.00	1.10	1.38
Peaches -----	.50	.56	1.45	.89	1.45	1.35	1.20	.99	1.20	1.18
Pears -----	.60	.60	1.30	.75	1.50	1.43	1.05	1.02	1.40	1.32

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. Final figures for the state by industries and counties have not as yet been released, except for some of the major industries. A table published herewith shows the final state totals for 1929 and figures for 1927 and 1919. The data for 1929 and 1919 are fairly comparable, although there are some slight differences in the forms in which they were taken.

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
1929	306,071,031	10.00

(—) 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. The relative position of the three

industries for 1929, using the "value added by manufacture" for that industry, is as follows:

Agricultural products.....	\$134,537,170
Manufactures	122,331,478
Mineral output	55,331,911

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	32,890

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 11.0 per cent. The increase for the United States in the same ten-year period was 13.5 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

Group	Rank
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, 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 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 manu-

facturing 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.

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.

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
1931	675,924

There were three plants in operation engaged in the manufacture of beverages in 1931, which compares with four in 1930. Materials used in producing the 1931 output included 560,777 pounds of malt, 151,340 pounds of corn and corn products, 11,123 pounds of hops and hop extracts, and 124,892 pounds of syrups.

MANUFACTURING IN COLORADO, 1929, 1927 AND 1919
(Compiled from Census Reports)

Note.—Data for "Automobile Repairing" and for establishments with products valued at \$500 or more, but less than \$5,000, for all industries are included in the figures for 1919, but omitted for 1927 and 1929.

	1929	1927	1919
Number of establishments.....	1,548	1,483	2,631
Persons engaged:			
Proprietors and firm members.....	867	.....	2,234
Salaried employes*.....	6,223	.....	7,241
Wage earners (average for year)....	32,890	32,001	35,254
Total.....	39,980	.....	44,729
Horsepower.....	233,726	254,530	206,110
Salaries.....	\$ 13,580,172	.....	\$ 13,045,975
Wages.....	43,640,403	\$ 43,193,765	42,974,879
Cost of materials, containers for products, fuel and purchased electric energy:			
Materials and containers.....	170,113,113	155,046,508	160,204,060
Fuel and purchased energy.....	13,626,440	18,230,891	14,666,215
Total.....	\$183,739,553	\$173,277,399	\$174,870,275
Value of products.....	\$306,071,031	\$278,221,431	\$275,622,335
Value added by manufacture†.....	122,331,478	104,944,032	100,752,060

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

†Value of products less cost of materials, containers for products, fuel and purchased electric energy. Manufacturers' profits cannot be calculated from census statistics, for the reason that these statistics do not show total production costs, which include depreciation, interest, rent, taxes and other miscellaneous expense items.

MANUFACTURING IN COLORADO BY YEARS
(From Census Reports)

YEAR	Number of Establishments	Persons Engaged	Salaries and Wages Paid	Value of Products	Value Added by 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.....	1,548	39,980	57,220,575	306,071,031	122,331,478

(*) 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 does 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.

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

INDUSTRY	Number Estab- lish- ments	Wage Earners (Average Number)	Wages	Cost of Materials, Fuel and Power	Value of 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 repairs, electric railroad repair shops	4	226	370,606	177,678	594,474
Car and general construction and repairs, steam railroad repair shops	29	4,792	7,031,034	5,510,337	13,396,090
Caskets, coffins, burial cases, and 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) and non-clay 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 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 supplies	8	53	68,898	112,643	377,432
Engraving, steel and copperplate, and plate printing	4	43	46,605	51,679	154,214
Feeds, prepared, for animals and 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 elsewhere classified	68	1,436	1,979,850	2,616,974	8,109,546
Furniture, including store and of- fice fixtures	11	116	194,272	448,486	837,562
Gas, manufactured, illuminating and heating	9	500	588,909	1,621,009	3,655,607
Grease and tallow, not including 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- 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 elsewhere classified	62	1,190	1,278,036	442,773	2,368,366
Marble, granite, slate and other 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- 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 and compounds	10	18	14,984	97,846	214,887

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

INDUSTRY	Number Establishments	Wage Earners (Average Number)	Wages	Cost of Materials, Fuel and Power	Value of Products
Photo-engraving, not done in printing establishments.....	7	70	\$ 123,449	\$ 71,247	\$ 390,005
Planing-mill products, not made in planing mills connected with 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 job.....	99	896	1,366,004	1,540,287	5,062,522
Printing and publishing, newspaper 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, wholesale.....	25	1,246	1,552,897	27,325,998	30,538,016
Sporting and athletic goods, not including firearms or ammunition.....	5	42	37,811	15,182	90,327
Structural and ornamental iron and steel work, not made in rolling mills.....	11	195	255,771	1,048,845	1,886,543
Surgical appliances.....	4	13	19,192	14,679	56,294
Toys (not including children's wheel goods or sleds), games and 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 cigarettes, \$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 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%

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 and state totals vary slightly from final figures for that year given in other tables.

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	3,935,133	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.

†See note at head of the table.

VALUE OF PRODUCTS OF PRINCIPAL MANUFACTURING INDUSTRIES, BY YEARS

INDUSTRY	1927	1925	1923	1921	1919
Awnings, tents, etc.....	\$ 1,094,042	\$ 1,049,462	\$ 1,249,798	\$ 934,392	\$ 1,021,654
Bread and other bakery products	12,994,347	10,157,121	8,575,077	9,309,156	9,807,799
Brick, tile and terra cotta and fire-clay products.....	3,669,557	4,351,749	4,295,427	2,450,517	2,504,658
Butter, cheese and condensed milk	(a) 11,496,024	12,030,768	11,968,458	9,845,569	14,504,639
Canning and preserving.....	3,487,252	4,317,787	3,122,338	2,936,283	2,970,113
Car and general shop construction and repairs, steam railroads.....	13,396,090	13,804,826	15,649,087	13,502,349	15,130,423
Clothing, men's.....	1,579,410	1,538,271	1,341,186	1,116,208	1,033,729
Confectionery and ice cream.....	4,590,808	4,413,505	4,943,305	4,188,040	5,003,989
Copper, tin and sheet iron work	1,647,190	1,696,427	1,435,029	1,287,835	1,411,036
Flour mill products.....	13,267,581	14,691,796	11,574,113	16,044,754	19,954,119
Food preparations.....	1,323,581	3,823,020	3,031,719	2,028,641	4,381,012
Foundry and machine shop products.....	8,109,546	8,084,652	10,967,650	7,687,058	11,199,721
Ice, manufactured.....	1,546,173	1,643,997	1,376,565	1,237,804	1,045,477
Printing and publishing, books and job.....	5,062,522	5,491,213	(*)	4,292,467	3,985,230
Printing and publishing, newspapers and periodicals.....	11,039,597	10,123,331	(*)	9,507,737	7,533,978
Paints.....	2,131,261	2,493,943	2,387,100	827,289	1,168,001
Slaughtering and meat packing.....	50,538,016	30,399,379	23,290,903	22,494,615	41,007,531
Sugar, beet.....	(b)	41,165,742	30,165,810	37,558,657	(not seg.)

(*) 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.

Note: 1929 figures not yet made public.

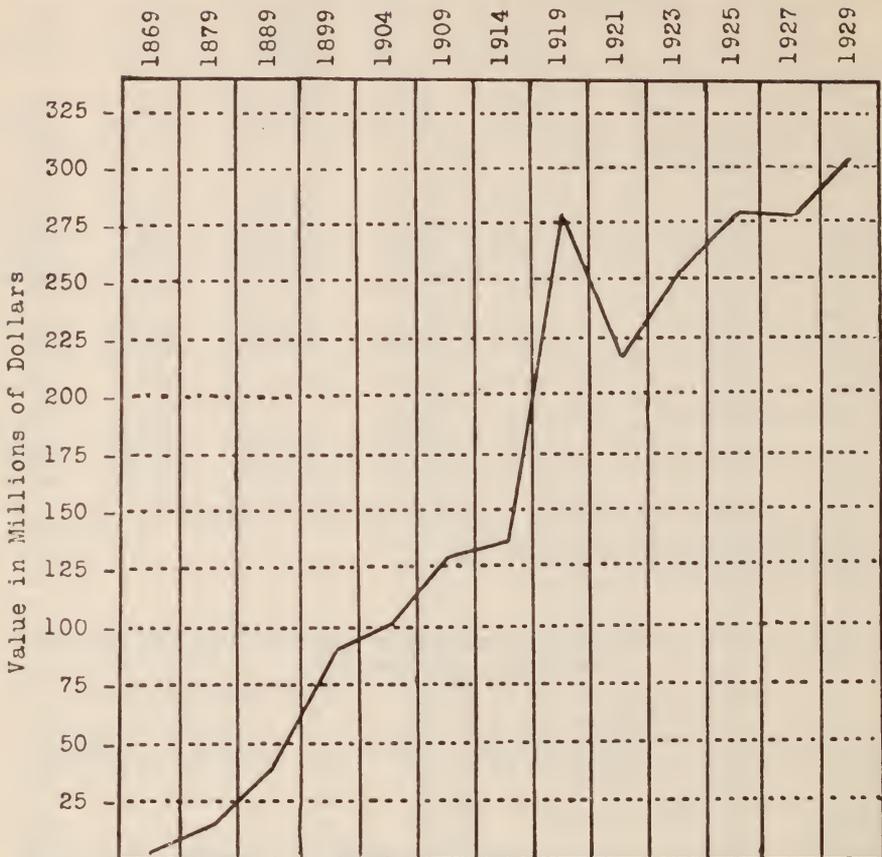
SUMMARY OF MANUFACTURES FOR CITIES HAVING 10,000 INHABITANTS OR MORE, 1925 AND 1929

CITY	Number Establishments	Wage Earners Av. No.	Wages	Cost of Materials	Value of Products
Boulder:					
1929.....	17	155	\$ 181,401	\$ 336,820	\$ 828,913
1925.....	21	160	203,823	391,967	801,860
Colorado Springs:					
1929.....	55	547	775,811	2,539,577	4,948,810
1925.....	60	451	611,423	1,943,266	3,727,458
Denver:					
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
Greeley:					
1929.....	22	152	215,546	1,208,311	1,935,244
1925.....	19	190	216,322	1,364,752	2,141,906
Pueblo:*					
1925.....	84	1,240	1,761,604	4,015,041	7,733,113
Trinidad:					
1929.....	25	297	391,903	1,149,145	2,036,363
1925.....	24	313	464,329	970,046	1,866,754
Remainder of state:					
1929.....	648	15,504	21,165,117	95,254,176	151,656,955
1925.....	522	14,536	19,779,653	89,975,785	136,744,052
Entire state:					
1929.....	1,548	32,890	43,640,403	183,739,553	306,071,031
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 for the cities, but final for the entire state. 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.

PROGRESS OF MANUFACTURING IN COLORADO



BREAD AND OTHER BAKERY PRODUCTS

THERE were 180 establishments in the state in 1929 engaged in the production of bread and other bakery products. They employed 178 salaried officials and employes and an average of 1,689 wage earners. Salaries for the year amounted to \$418,117 and wages to \$2,005,840. The cost of materials, containers for their products, and fuel and purchased energy was \$5,648,904 and the value of their products was \$11,773,612, of which \$6,124,708 was added by manufacture. A table published herewith gives the operations of these establishments in detail for 1929, with comparative figures for 1927 and 1919.

The principal materials consumed by this industry in 1929, showing the quantity and cost, were as follows:

	Quantity	Cost
Flour (bbls.):		
White	290,473	\$1,779,162
Graham and whole wheat	15,591	101,059
Rye	8,026	48,158
Other	4,109	35,355
Sugar (lbs.).....	7,807,127	431,636
Eggs, fresh, frozen and dried.....		217,643
Butter, oleomargarine, and other butter substitutes (lbs.)	165,552	50,071
Lard (lbs.).....	2,730,220	318,800

The products of the bakeries included 67,980,435 pounds of bread, rolls, coffee cake, etc., valued at \$4,821,382; \$1,699,483 worth of pound cake, package cake, fruit cake, etc.; 1,851,117 pounds of doughnuts, crullers and other fried cakes valued at \$354,520; \$669,877 worth of pies and \$2,962,972 worth of other products.

**BREAD AND OTHER BAKERY PRODUCTS PRODUCED IN COLORADO,
1929, 1927 AND 1919**

(Compiled from Census Reports)

Note.—Data for establishments with products under \$5,000' in value are included for 1919, but not for subsequent years.

	1929	1927	1919
Number of establishments.....	180	172	252
Salaried officers and employes.....	178	166	439
Wage earners (average for the year).....	1,689	1,461	1,340
Horsepower (rated capacity) of power equipment:			
Prime movers.....	395	359	134
Motors run by purchased energy.....	2,452	1,876	1,325
Total	2,847	2,235	1,459
Salaries	\$ 418,117	\$ 372,878	\$ 511,342
Wages	2,005,840	1,743,307	1,308,559
Cost of materials, containers for products, fuel and purchased energy:			
Materials and containers.....	5,424,373	5,512,745	5,909,476
Fuel and purchased energy.....	224,531	219,699	150,491
Total	\$ 5,648,904	\$ 5,732,444	\$ 6,059,967
Value of products.....	\$11,773,612	\$12,994,347	\$ 9,807,799
Value added by manufacture.....	6,124,708	7,261,903	3,747,832

WHEAT GROUND AND WHEAT-MILLING PRODUCTS, BY YEARS

Note.—The data used in this table is compiled from monthly returns of Colorado mills to the bureau of the census of the Department of Commerce—mills that manufacture 5,000 or more barrels annually.

	1931	1930	1929	1928	1927
Average number of mills reporting	21	21	21	21	21
Wheat ground (bushels)	6,180,720	7,809,098	7,812,213	7,707,198	7,113,524
Production:					
Wheat flour (barrels)	1,377,207	1,740,616	1,735,062	1,719,686	1,585,632
Offal (pounds).	102,933,698	130,268,076	130,785,718	128,198,598	118,695,711
Average daily 24-hour capacity in wheat flour (barrels)	9,406	9,267	8,463	8,911	9,172
Average pounds of wheat per barrel of flour.....	269.3	269.2	270.2	268.9	269.2
Average pounds of offal per barrel of flour	74.7	74.8	75.4	74.5	16.7

Production of wheat in Colorado in bushels, as reported by the Co-operative Crop Reporting Service, was as follows: 1931, 16,552,000; 1930, 23,356,000; 1929, 17,934,000; 1928, 18,564,000; 1927, 20,112,000.

COLORADO PRINTING AND PUBLISHING INDUSTRY, BY CENSUS YEARS
(Compiled from Census Reports)

	1929	1927	1925	1923	1919
Book and Job:					
Number establishments.....	109	99	99	87	120
Salaried officers and employes.....	273	314	285	229	231
Wage earners (Average No.).....	1,034	896	946	896	962
Salaries	\$ 669,273	\$ 681,123	\$ 580,680	\$ 499,750	\$ 395,249
Wages	1,597,046	1,366,004	1,451,658	1,295,231	1,117,478
Cost materials.....	1,630,725	1,540,287	1,863,076	1,433,818	1,368,854
Value of products.....	5,353,011	5,062,522	5,491,213	4,417,139	3,985,230
Value added by manufacture.....	3,722,286	3,522,235	3,628,137	2,983,321	2,616,376
Newspapers and periodicals:					
Number establishments.....	169	166	154	139	333
Salaried officers and employes.....	1,019	1,240	891	788	763
Wage earners (Average No.).....	1,121	1,239	980	1,106	1,079
Salaries	\$1,966,200	\$1,919,938	\$1,442,899	\$1,327,044	\$1,137,345
Wages	1,871,851	2,347,209	1,666,006	1,707,026	1,321,725
Cost materials.....	2,649,044	3,182,953	2,607,746	2,567,763	2,315,211
Value of products.....	12,526,112	11,039,597	10,123,331	9,326,355	7,533,978
Value added by manufacture.....	9,877,068	7,856,644	7,515,585	6,758,592	5,218,767

Note—Establishments with products of \$5,000, or less, are omitted in the census for 1923, 1925 and 1927, but are included for 1919 and 1929.

PRINTING AND PUBLISHING INDUSTRY

The printing industry, comprising establishments printing and publishing newspapers and periodicals and book and job printing, had an output of products valued at \$17,879,123 in 1929, as revealed by the census reports. This compares with \$16,102,119 in 1927 and \$11,519,208 in 1919. The output for 1929 showed an increase of \$1,777,004, or 11.0 per cent, over 1927 and \$6,359,915, or 55.2 per cent over 1919. Allied industries, including book-binding establishments operated separately, steel and copper plate engraving and photo-engraving plants, turned out products valued at \$785,067 in 1929. This figure is not included in the totals for the printing and publishing industry.

The value of products of the printing and publishing industry in 1929, by classes, is as follows:

Newspapers:	
Subscriptions and sales.....	\$ 2,751,630
Advertising	7,969,789
Periodicals:	
Subscriptions and sales....	413,166
Advertising	621,778
Books and pamphlets printed and published.....	145,654
Commercial printing:	
Newspapers and periodicals printed for publication by others	313,161
Books and pamphlets printed for publication by others	202,728
General job printing, composition, etc.	5,039,543
Other products.....	421,674
Total	\$17,879,123

A table published herewith shows the industry in detail for the census

years of 1929, 1927, 1925, 1923 and 1919.

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:*		
1919	32	302,078
1921	38	307,968
1923	38	314,679
1925	38	302,078
1927	34	365,768
1929	29	298,528
*Exclusive of Sunday circulation.		
Sunday newspapers:		
1921	12	298,663
1923	11	311,263
1925	11	344,358
1927	9	404,193
1929	8	400,913
Weekly newspapers:		
1921	97	115,089
1923	100	124,852
1925	112	206,537
1927	117	183,874
1929	121	185,472

CIGARS AND TOBACCO

There were 4,491,487 cigars manufactured in Colorado in the calendar year of 1930, a decrease of 1,833,345 compared with 1929. The industry has shown a steady decline in recent years, the number of cigars manufactured having decreased from 34,902,482 in 1920 to the figure named for 1930. More than half of this number were manufactured to retail at not more than five cents each. There were 85,265 pounds of tobacco used in manufacturing this output.

There were 35 cigar factories in the state on January 1, 1930. During the year four were opened and 10 closed, leaving 29 factories on January 1, 1931.

The number 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
	1931.....29

Quantities of tobacco used and number of cigars manufactured in Colorado in the calendar years named were as follows:

Year	Tobacco, Pounds	Number of Cigars
1920	732,179	34,902,482
1921	556,467	27,272,697
1922	359,930	16,643,058
1923	394,816	18,219,382
1924	317,189	15,324,979
1925	274,940	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
1930	85,265	4,491,487

There were two factories in the state on January 1, 1931, engaged in the manufacture of tobacco, in which there was used 8,919 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 112 factories in the United States engaged in manufacturing cigarettes on January 1, 1931, and

the output of cigarettes in 1930 was 123,802,186,217, an increase of 1,409,805,371, compared with 1929. This was equal to 1,008 cigarettes for each man, woman and child in continental United States on the basis of the 1930 census. The total number of cigars weighing more than three pounds per thousand manufactured in the United States in 1930 was 5,893,890,418, a decrease of 624,642,624 in 1929. This was at the rate of 48 cigars per capita.

OLEOMARGARINE PRODUCED

The manufacture of colored and uncolored oleomargarine in Colorado, as reported by the commissioner of internal revenue, showed a rapid and substantial increase in recent years up to 1931, when a decrease was reported. A proportionate decrease in 1931 was reported for the entire country. The Colorado output for the fiscal year ending June 30, 1931, was 855,989 pounds, which compares with 1,618,741 pounds in the preceding year, in which year the state had the largest production of any year since 1921.

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
1931	59,730	796,259

BUTTER AND CHEESE MANUFACTURES IN COLORADO, 1929, 1927 AND 1919

(Compiled from Census Reports)

Note—Census figures for 1927 cover only establishments reporting products to the value of \$5,000 or more. For 1919 and 1929, establishments reporting products valued at \$500 or more are covered. Statistics for 1929 and 1919 are not exactly comparable, due to a widening of the scope of the 1929 census and changing the value of products to those shipped or delivered instead of produced. Other items, however, mostly offset these differences. The industries included in this table are factories not located on farms. Farm production of butter and cheese is treated as an agricultural operation and is described in detail in the chapter in this volume under "Dairying." The following table does not include condensed and evaporated milk, which are not segregated, but grouped with other states in order not to disclose individual operations.

	Butter			Cheese		
	1929	1927	1919	1929	1927	1919
Number of establishments.....	60	66	65	16	8	8
Salaried officers and employes	142	221	137	4	3	23
Wage earners (average).....	1,092	1,211	1,268	29	23	49
Horsepower (rated capacity of equipment)	6,921	8,300	4,650	149	100	110
Salaries	\$ 280,682	\$ 367,725	\$ 291,614	\$ 6,750	\$ 3,852	\$ 50,135
Wages	340,492	561,758	281,539	44,825	28,401	46,413
Cost of materials, containers for products, fuel and purchased electric energy.....	8,039,080	8,914,266	7,363,502	713,432	427,802	532,107
Value of products.....	9,854,633	10,942,919	8,768,394	846,964	553,105	732,269
Value added by manufacture..	1,815,553	2,028,653	1,404,892	133,532	125,303	200,163

Creamery butter produced in 1929 in the factories incorporated in above table amounted to 22,020,043 pounds valued at \$9,083,253, which compares with 20,998,638 pounds valued at \$9,201,904 in 1927.

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 cost of the taxing district. The levies are certified to the county treasurers, who apply them to each and every parcel of property assessed. The aggregate rate at which any one parcel of property is taxed is equal to the total of all levies made by all the taxing agents.

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 assessed value of all property in Colorado for taxation purposes as of April 1, 1931, as determined by the county assessors and tax commission, after all corrections and revisions, was \$1,438,448,065, which compares with \$1,586,462,903 in 1930, a decrease of \$148,014,838. Subsequent to these final determinations, the county treasurers submit to the tax commission final statements of assessments which include some items not taken by the assessors. The figures for 1931, as shown by treasurers' statements, and upon which all levies are made, aggregate a total of \$1,447,169,719, which compares with \$1,590,674,097 for 1930, a decrease of \$143,504,378. The anticipated revenues to be derived from this direct taxation by levies, as reported by the tax commission, are \$44,863,801, compared with \$49,206,717 from the 1930 levies. The distribution of the revenues from the 1931 levies is as follows:

	Amount	Per Cent
State	\$ 5,050,622	11.26
County	8,733,128	19.47
Town	8,753,896	19.51
General school.....	5,557,516	12.38
Special school.....	16,768,639	37.38
Total	\$44,863,801	100.00

The assessed valuation of \$1,438,448,065, as reported by the county assessors and tax commission, is distributed as follows:

	Per Cent
Land and improvements.....	26.02
Metal mining properties.....	1.41
Timber, oil and coal properties....	1.41
Town and city lots and improve- ments	34.92
Live stock.....	3.38
Merchandise	4.60
Manufactures	2.31
Bank stock	1.66
Money, credits and accounts (less exemptions)	0.88
Miscellaneous (less exemptions)..	5.94
Corporations assessed by tax com- mission	17.47
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.

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	1929	1928	1927	1926	1925	1924	All States 1929
General government.....	\$ 0.95	\$ 0.87	\$ 0.90	\$ 0.74	\$ 0.91	\$ 0.80	\$ 0.95
Protection to person and prop- erty:							
Militia and armories.....	0.11	0.13	0.11	0.09	0.09	0.10	0.09
Regulation	0.28	0.31	0.27	0.30	0.31	0.34	0.29
All others.....	0.28	0.37	0.30	0.30	0.14	0.12	0.21
Conservation of health and sanitation:							
Prevention and treatment of communicable diseases....	0.02	0.02	0.02	0.03	0.04	0.04	0.14
All others.....	0.11	0.11	0.10	0.10	0.11	0.11	0.12
Development and conservation of natural resources:							
Agriculture	0.75	0.73	0.61	0.62	0.48	0.58	0.47
All others.....	0.25	0.14	0.19	0.29	0.19	0.25	0.11
Highways	2.55	2.11	2.29	1.59	2.58	2.54	1.82
Charities, hospitals and cor- rections	2.38	2.20	2.03	1.92	1.63	1.89	1.79
Education:							
Schools	4.08	4.04	3.37	3.45	3.74	3.40	4.27
Libraries	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Recreation	0.02	0.01	0.01	0.01	0.02	0.02	0.04
Miscellaneous	0.30	0.27	0.22	0.23	0.29	0.22	0.44
All general departments*....	\$12.08	\$11.31	\$10.42	\$ 9.67	\$10.53	\$10.41	\$10.74

*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.

**ABSTRACT OF ASSESSED VALUE OF ALL REAL AND PERSONAL PROPERTY
IN COLORADO, 1930 AND 1931**

(From Report of the State Tax Commission)

Note.—This table shows the gross and net value of all property in Colorado as assessed for taxation purposes in 1931 and 1930 by the county assessors and the state tax commission, after all corrections and revisions. Distributions of the major items by counties, with mill levies for various purposes, will be found in separate tables. To these figures are added certain amounts by county treasurers which slightly increase the totals and comprise the amounts upon which all levies are made.

CLASS OF PROPERTY	Assessed Value	
	1931	1930
Real Estate and Improvements as Returned by County Assessors to the Tax Commission:		
Agricultural land.....	\$ 290,247,090	\$ 362,508,726
Waste and seep land.....	793,846	1,011,580
Suburban land.....	6,733,668	7,956,388
Mountain home sites.....	1,003,355	976,510
Improvements on above land.....	71,455,744	83,298,510
Improvements on public and state lands.....	1,992,502	2,364,376
Equities in state and school lands.....	2,075,791	2,437,164
Timber land.....	764,110	1,130,282
Improvements on timber land.....	62,615	17,615
Productive coal land.....	3,105,705	3,058,686
Non-productive coal land.....	6,849,808	7,218,845
Coal reserves.....	2,385,369	2,512,957
Improvements on coal lands.....	5,131,513	6,033,220
Oil land.....	331,747	483,543
Oil shale land.....	733,555	788,875
Oil reserves.....	482,475	512,470
Improvements on oil lands.....	422,457	452,424
Metalliferous mining claims (non-producing)...	10,994,235	11,347,178
Placer mining claims.....	801,474	777,929
Output of producing metalliferous mines.....	1,845,509	2,890,798
Mineral reserves (other than coal and oil).....	1,868,680	1,854,900
Improvements on all metalliferous mines.....	5,058,612	5,055,926
Town and city lots.....	174,612,399	184,533,058
Improvements on town and city lots.....	327,706,895	347,577,974
Total value, real estate and improvements..	\$ 917,459,154	\$1,036,799,934
Personal Property as Returned by County Assessors to Tax Commission:		
Livestock.....	\$ 48,628,808	\$ 58,425,846
Bicycles.....	11,345	8,739
Motorcycles.....	23,340	28,841
Automobiles and trucks.....	45,234,099	50,510,390
Tractors.....	3,272,816	3,133,650
Carriages and vehicles of every description....	871,598	959,336
Aeroplanes.....	85,020	94,800
Agricultural implements, harness, etc.....	8,087,584	8,207,996
Manufacturing machinery and equipment.....	22,365,833	20,590,580
Musical instruments.....	5,462,757	6,162,411
Radios.....	3,132,122	2,653,868
Clocks and watches.....	379,065	408,906
Jewelry and silverware.....	1,332,545	1,390,275
Household property.....	35,599,352	35,249,542
Electric refrigerators.....	675,280	313,080
Store and office fixtures and furniture.....	13,404,567	13,661,330
Libraries.....	404,770	440,424
Stocks of merchandise.....	66,090,039	74,751,964
Capital employed in manufacture.....	10,752,855	13,495,823
Bank stock.....	23,874,937	24,706,898

**ABSTRACT OF ASSESSED VALUE OF ALL REAL AND PERSONAL PROPERTY
IN COLORADO, 1930 AND 1931—Continued**

CLASS OF PROPERTY	Assessed Value	
	1931	1930
Personal Property as Returned by County Assessors to Tax Commission—Continued:		
Gross value bank deposits in and out of state..	18,296,101	18,049,516
Gross value of money, credits and bank accounts	36,309,591	36,540,160
Gross value promissory notes, bonds and debentures	15,736,570	17,307,281
Cash value special privileges, franchises, etc...	142,000	139,270
All other property	2,803,921	2,572,160
Gross value, personal property.....	\$ 362,976,915	\$ 389,803,086
Corporation Valuations by Tax Commission:		
Railroads, telegraph and telephone.....	\$ 190,250,040	\$ 192,023,550
Railway Express Agency.....	217,170	273,920
Self-winding clocks	20,865	22,530
Pullman	927,000	1,125,020
Local public utilities.....	58,102,070	57,886,530
Private car lines.....	1,193,440	1,060,700
Motor vehicle carriers (bus and truck lines)....	599,560	692,730
Total value, corporations.....	\$ 251,310,145	\$ 253,084,980
Recapitulation:		
Real estate and improvements.....	\$ 917,459,154	\$1,036,799,934
Personal property.....	362,976,915	389,803,086
Corporations	251,310,145	253,084,980
Gross value, all property.....	\$1,531,746,214	\$1,679,688,000
Exemptions allowed by law.....	93,298,149	93,225,097
Final net value, all property.....	\$1,438,448,065	\$1,586,462,903

**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	Rec-reation	General & Miscel.	Total
1915:									
Denver	\$798	\$739	\$239	\$598	\$270	\$50	\$415	\$128	\$3,237
Pueblo	43	150	31	82	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
1925:									
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	3	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

RECEIPTS OF STATE GOVERNMENT FOR 1923 TO 1929, 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. The reports are for fiscal years. Prior to 1929 the Colorado fiscal year ended November 30. Beginning with 1929 it ends June 30.

	1929	1928	1927	1926	1925	1924	1923
REVENUE RECEIPTS							
Taxes:							
General property	\$ 5,624,518	\$5,971,509	\$ 5,611,972	\$ 5,659,605	\$ 5,844,144	\$ 6,215,155	\$ 6,913,075
Special:							
Property .....	.....	.....	.....	183,679	182,517	190,682	200,225
Inheritance	919,984	869,408	674,690	876,009	911,039	864,161	703,731
All others.....	274,847	281,365	272,033	86,600	93,715	102,169	89,190
Poll .....	.....	.....	15	122	166	131	342
Business license taxes.....	.....	.....	.....	.....	.....	.....	.....
Gasoline	4,162,842	4,118,399	3,012,626	2,085,833	1,847,641	*2,373,889	*1,406,599
All others.....	898,816	869,001	763,558	724,291	672,989	.....	.....
Non-business license taxes:							
Motor vehicles	1,017,362	980,491	876,413	828,884	789,358	660,958	635,590
All others.....	289,393	287,484	269,857	229,956	242,555	213,959	205,736
Permits	5,008	2,036	6,194	6,208	9,610	9,573	8,872
Special assessments and special charges for outlays	36,655	41,520	93,927	53,558	883,414	871,404	932,282
Fines, forfeits, escheats.....	38,353	41,595	4,596	4,029	18,416	19,054	19,431
Subventions and grants, donations and pension assessments:							
From U. S. Government.....	2,148,589	2,053,864	1,445,798	1,424,488	1,662,461	1,791,013	1,508,439
From private persons and corporations.....	48,583	40,899	57,200	121,296	17,226	191,170	55,597
Rents and interest:							
Sinking and trust funds.....	425,702	449,669	473,766	322,398	540,730	447,066	477,043
Interest	674,820	687,450	660,160	709,399	521,033	542,280	523,534
Earnings of general departments.....	2,160,565	2,113,490	2,125,555	1,979,621	1,651,102	1,572,353	1,394,239
Total revenue receipts.....	\$18,726,037	\$18,808,280	\$16,348,420	\$15,295,976	\$15,888,116	\$16,065,017	\$15,073,975

* Not segregated.

DISBURSEMENTS OF STATE GOVERNMENT FOR 1923 TO 1929, INCLUSIVE

EXPENSES	1929	1928	1927	1926	1925	1924	1923
General government.....	\$ 977,083	\$ 887,149	\$ 968,797	\$ 781,274	\$ 926,138	\$ 797,949	\$ 903,618
Protection to persons and property:							
Militia and armories.....	109,131	129,529	114,294	99,705	86,746	104,096	118,198
Regulation.....	286,916	318,098	294,975	317,954	314,166	336,870	344,030
All others.....	288,455	375,976	318,051	314,952	140,687	120,558	142,097
Development and conservation of natural resources:							
Agriculture.....	771,762	742,380	657,135	654,219	492,808	585,513	533,595
All others.....	255,344	139,589	203,139	301,319	197,283	252,508	190,527
Conservation of health and sanitation:							
Prevention and treatment of communicable diseases.....	22,497	23,982	24,304	27,692	36,407	37,096	36,691
All others.....	111,107	108,971	106,558	101,944	115,127	106,348	102,521
Highways.....	2,612,572	2,148,055	2,455,574	1,679,991	2,623,880	2,552,989	2,194,606
Charities, hospitals and corrections.....	2,438,489	2,236,081	2,174,161	2,026,190	1,654,808	1,901,758	1,585,162
Education:							
Schools.....	4,179,245	4,117,355	3,614,122	3,646,272	3,810,044	3,411,549	3,361,776
Libraries.....	3,313	1,660	1,973	575	802	2,200	2,000
Recreation.....	16,026	15,083	12,610	12,829	16,716	17,206	17,393
Miscellaneous.....	306,488	275,482	240,197	240,659	293,227	217,455	252,553
Interest.....	513,423	557,468	620,360	578,273	542,154	490,318	438,737
Total expenses and interest.....	\$12,891,851	\$12,076,860	\$11,806,350	\$10,783,848	\$11,251,083	\$10,936,383	\$10,223,504
Outlays (permanent improvements and investments):							
Agriculture.....	\$ 12,943	\$ 4,097	\$ 20,238	\$ 31,324	\$ 22,778	\$ 17,507	\$ 60,431
Fish and game.....	113,592	112,267	93,360	118,644	31,379	.....	.....
Highways.....	4,299,597	4,919,584	3,348,800	3,910,519	3,761,659	4,770,445	4,538,231
Hospitals and corrections.....	169,260	15,528	231,819	291,819	38,659	103,652	287,615
Education.....	224,957	399,463	711,052	704,690	1,532,915	1,807,411	1,293,513
Miscellaneous.....	117	4,050	136,752	59,279	6,373	7,164	31,608
Total governmental costs.....	\$17,712,317	\$17,531,849	\$16,147,194	\$15,880,123	\$16,644,846	\$17,646,562	\$16,414,903

DETAILED STATEMENT OF ASSESSMENT FOR 1931
(From the Records of the State Tax Commission)

COUNTY	Valuation by Tax Commission										Total Valuation by Tax Commission
	Valuation by County Assessor	Railroad Companies	Telephone Companies	Telegraph Companies	Express Companies	Pullman Company	Private Car Lines	Self-Winding Clocks	Local Utility Companies	Motor Vehicle Carriers (Bus and Truck) Lines	
Adams	\$ 23,063,560	\$ 4,269,160	\$ 273,040	\$ 115,620	\$ 5,660	\$ 36,200	\$ 31,670	\$ 240	\$ 205,710	\$ 88,340	\$ 4,975,640
Alamosa	7,218,176	1,594,030	57,860	9,430	2,360	4,780	6,960	270	161,930	5,420	1,843,040
Arapahoe	17,382,145	2,588,750	416,790	68,960	3,960	27,600	17,960	255	1,005,360	14,790	4,144,425
Archuleta	2,286,334	1,954,970	12,850	9,000	2,870	---	250	---	16,380	---	1,996,320
Baca	10,655,590	2,093,840	38,890	2,340	2,260	---	15,200	---	130,980	---	2,283,510
Bent	8,486,685	3,439,060	88,690	31,120	3,580	14,010	28,250	---	191,510	12,160	3,808,330
Boulder	34,563,280	3,725,390	601,780	26,770	4,570	14,080	31,360	375	4,809,820	43,820	9,157,965
Chaffee	6,249,755	2,384,070	76,200	38,080	3,200	17,920	15,730	195	535,480	1,390	3,072,265
Cheyenne	8,791,598	2,838,940	37,720	57,020	2,870	23,940	22,700	---	34,900	7,150	3,025,240
Clear Creek	3,888,650	894,910	38,560	3,240	1,370	---	100	---	430,420	16,890	1,384,580
Conejos	6,100,165	1,674,580	38,600	10,400	2,460	---	500	---	38,890	480	1,765,500
Costilla	3,407,820	1,044,630	35,600	6,260	2,890	12,170	13,340	---	25,630	1,710	1,142,030
Crowley	7,105,550	1,103,010	43,050	6,660	1,430	11,890	8,810	150	189,080	1,240	1,365,320
Custer	2,228,332	391,920	11,480	2,530	580	---	4,250	---	15,170	---	425,930
Delta	10,599,290	2,153,260	131,230	21,370	3,140	---	25,740	210	146,860	7,690	2,489,500
Denver	399,549,240	2,422,430	8,566,960	165,320	3,450	15,130	13,570	11,885	24,867,970	17,230	36,083,445
Dolores	1,384,094	70,880	3,270	1,670	810	---	780	---	22,720	100,130	1,001,300
Douglas	6,200,380	3,480,390	127,470	146,170	4,300	43,890	29,990	---	525,350	26,940	4,384,500
Eagle	4,368,468	2,538,140	32,020	45,450	3,740	24,320	26,560	---	196,100	---	2,861,330
Elbert	10,471,133	3,291,650	48,060	48,060	5,080	32,170	26,820	---	79,820	6,700	3,673,910
El Paso	61,184,340	6,667,860	1,086,800	196,890	9,700	72,710	56,250	1,680	1,191,890	89,690	9,272,470
Fremont	15,384,832	3,407,150	158,420	41,760	3,800	26,930	35,730	195	1,544,920	5,660	5,224,565
Garfield	11,613,825	2,999,620	103,250	57,630	5,260	25,470	29,300	300	1,702,670	6,070	4,929,470
Gilpin	1,844,336	1,175,220	26,580	3,490	1,690	---	3,360	---	97,880	---	1,308,220
Grand	3,858,775	2,327,480	43,560	---	2,420	---	15,640	---	12,240	13,640	2,414,970
Gunnison	8,768,205	5,615,180	51,270	15,880	5,320	---	1,570	225	70,560	220	5,760,175
Hinsdale	652,502	291,230	2,110	---	430	---	---	---	9,760	---	303,530
Huerfano	8,698,863	4,082,100	101,630	77,580	4,910	37,190	45,090	---	874,170	21,720	5,244,990

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 1930.* STATE LEVY 3.59 MILLS

COUNTY	Valuation	Revenue	County Levy	Average Town Levy	Average School Levy	Average Total Levy
Adams	\$ 32,063,560	\$ 812,128.85	6.29	19.64	12.98	25.33
Alamosa	10,095,070	359,263.26	5.82	19.53	20.12	35.59
Arapahoe	23,971,995	753,988.39	5.67	17.95	18.10	31.45
Archuleta	4,723,143	111,551.57	7.55	17.50	10.56	23.62
Baca	14,318,800	424,443.74	7.41	20.63	16.78	29.64
Bent	13,759,870	360,425.40	7.80	14.00	13.12	26.19
Boulder	47,422,306	1,378,397.62	6.31	9.73	14.86	29.07
Chaffee	9,872,389	329,945.46	11.30	11.94	13.63	33.42
Cheyenne	13,882,418	249,486.46	2.65	18.00	10.98	18.00
Clear Creek	5,452,455	155,417.63	10.40	12.09	10.44	28.50
Conejos	9,197,160	305,827.98	10.00	13.92	17.83	33.25
Costilla	5,293,410	201,943.59	14.00	9.00	20.06	38.15
Crowley	9,802,780	260,648.63	3.65	15.03	16.74	26.60
Custer	3,074,735	84,670.26	10.00	10.21	12.92	27.54
Delta	14,690,545	592,322.06	12.84	11.48	20.19	40.32
Denver	464,482,500	15,026,008.87	4.76	10.20	13.80	32.35
Dolores	1,887,958	71,693.26	19.40	11.00	13.80	37.97
Douglas	11,829,775	229,107.65	6.10	20.00	8.79	19.37
Eagle	8,058,056	242,881.71	11.60	16.94	13.48	30.14
Elbert	16,482,668	357,886.74	5.06	14.73	12.58	21.71
El Paso	75,588,010	2,529,519.08	4.75	12.82	17.23	33.46
Fremont	22,873,857	745,274.69	5.92	12.85	18.12	32.58
Garfield	18,285,280	634,545.09	11.00	19.13	16.25	34.70
Gilpin	3,208,733	96,379.25	13.00	23.47	10.25	30.03
Grand	6,884,270	135,321.56	8.04	16.92	7.04	19.66
Gunnison	15,661,565	374,642.56	8.74	12.98	9.59	23.32
Hinsdale	1,170,628	44,414.91	19.00	16.00	13.54	37.94
Huerfano	16,069,091	580,857.07	11.30	11.54	18.42	36.15
Jackson	3,690,870	58,650.73	4.40	18.00	6.99	15.89
Jefferson	28,626,045	797,948.16	7.11	14.94	15.12	27.87
Kiowa	13,018,460	222,170.78	1.41	18.35	11.39	17.06
Kit Carson	21,126,843	563,840.47	6.09	16.38	14.66	26.69
Lake	7,530,705	274,214.89	11.61	35.00	13.65	36.41
La Plata	15,360,005	538,383.51	9.39	12.47	17.97	35.05
Larimer	52,101,980	1,601,873.12	8.39	14.25	13.80	30.74
Las Animas	42,016,901	1,423,274.49	7.30	18.14	18.32	33.87
Lincoln	18,383,215	478,542.26	5.67	12.93	15.44	26.03
Logan	36,588,130	1,067,625.45	6.32	17.65	15.54	29.18
Mesa	30,755,190	1,048,148.93	7.00	14.75	17.96	34.03
Mineral	1,667,299	35,540.14	8.67	22.00	6.50	21.32
Moffat	7,304,600	249,571.92	13.25	19.00	14.59	34.16
Montezuma	6,221,605	240,941.92	13.63	14.84	18.35	38.72
Montrose	12,057,750	471,389.62	12.10	15.08	19.21	39.09
Morgan	27,748,752	798,836.81	6.97	11.73	15.78	28.79
Otero	32,087,645	935,011.52	4.95	14.61	15.88	29.14
Ouray	4,092,453	128,523.61	13.60	17.13	11.08	31.41
Park	8,707,710	133,131.65	4.80	8.81	6.59	15.29
Phillips	15,414,635	327,412.74	4.92	11.48	11.25	21.24
Pitkin	3,773,985	123,087.92	16.00	43.00	9.53	32.61
Prowers	21,788,035	631,698.30	7.02	12.85	15.67	28.99
Pueblo	82,824,353	†3,085,943.17	4.46	23.50	17.50	37.25
Rio Blanco	5,793,850	165,516.58	9.16	21.00	13.37	28.57
Rio Grande	10,893,956	429,630.37	7.75	16.84	24.51	39.44
Routt	16,839,880	487,450.57	7.95	20.15	14.74	28.95
Saguache	10,584,427	278,985.32	7.40	12.60	14.21	26.36
San Juan	3,796,488	110,790.85	12.90	15.00	10.01	29.18
San Miguel	4,638,715	160,060.43	13.41	11.65	15.11	34.51
Sedgwick	12,968,138	342,399.10	6.05	16.85	13.97	26.40
Summit	4,481,396	112,680.59	10.38	14.16	9.73	25.14
Teller	5,002,390	210,718.95	13.10	46.95	16.41	42.12
Washington	15,921,474	473,914.45	7.40	12.93	17.62	29.77
Weld	102,176,120	3,132,736.45	6.48	14.62	17.39	30.66
Yuma	24,607,070	617,077.52	4.50	12.59	15.47	25.08
State	\$1,590,674,097	\$49,206,716.63	8.60	16.53	†14.40	30.93

*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.

DISTRIBUTION OF GENERAL TAX IN COLORADO FOR 1931*
(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	\$28,053,115	1.94	\$97,905.37	13.46	1.91	\$161,021.85	22.14	\$72,463.63	9.96	\$396,024.83	54.44	\$727,408.71	1.62
Alamosa	9,061,216	.63	31,623.64	9.88	.63	49,293.01	15.40	\$7,910.39	18.10	181,172.61	56.62	319,993.65	.71
Arapahoe	21,689,980	1.49	75,346.94	10.76	1.49	121,116.42	17.29	91,664.79	13.07	412,467.60	58.88	700,485.76	1.56
Archuleta	4,282,734	.30	14,946.74	14.89	.30	30,407.41	30.30	8,938.42	8.91	46,069.09	45.90	100,361.67	.22
Baca	12,939,290	.89	45,157.61	12.92	.89	84,231.19	24.11	25,003.00	7.16	195,011.40	56.81	349,409.40	.78
Bent	12,294,915	.85	42,999.25	18.62	.85	67,539.79	27.60	23,144.08	7.29	163,671.38	51.59	317,264.45	.71
Boulder	43,738,996	3.02	152,649.90	12.27	3.02	218,691.97	17.68	197,998.10	15.92	674,485.72	64.23	1,243,814.58	2.77
Chaffee	9,322,020	.64	32,533.85	10.45	.66	97,881.21	31.45	46,377.75	14.91	134,430.50	43.19	311,223.31	.69
Cheyenne	11,817,548	.82	41,243.24	16.69	.82	32,616.43	13.20	11,909.90	4.81	161,382.40	66.30	247,142.97	.55
Clear Creek	5,273,230	.36	18,403.67	11.35	.36	60,114.82	37.06	23,657.38	13.97	61,033.43	37.62	162,209.20	.36
Concejos	7,866,665	.54	27,461.17	10.97	.54	66,865.15	26.71	14,990.66	5.99	149,981.34	66.33	260,271.22	.56
Costilla	4,656,960	.31	15,903.79	8.24	.32	68,364.40	36.43	2,891.26	1.50	105,768.64	54.83	192,918.09	.43
Crowley	8,470,870	.59	29,563.34	13.13	.59	33,883.48	15.04	26,762.17	11.88	135,032.34	59.95	225,241.93	.50
Custer	2,654,262	.18	9,263.37	12.30	.18	26,642.62	36.25	2,491.78	3.31	37,006.59	49.14	75,304.36	.17
Delta	13,068,790	.90	46,679.89	8.69	.90	160,992.12	30.63	50,836.36	9.68	268,699.71	51.10	525,603.07	1.17
Denver	443,908,790	30.65	1,549,241.68	10.89	30.67	2,113,392.21	14.84	4,529,645.29	6,037,159.51	42.43	114,227,276.72	31.71	
Dolores	1,529,919	.11	5,339.42	9.30	.11	29,680.43	51.67	1,827.16	3.18	20,593.86	35.85	57,440.86	.13
Douglas	19,590,695	.73	36,961.63	17.21	.73	64,603.24	30.08	9,895.40	4.68	193,347.66	48.13	214,747.83	.48
Eagle	7,227,938	.50	25,225.69	11.53	.50	83,844.08	38.32	12,243.68	5.60	97,457.90	44.55	218,771.06	.49
Elbert	14,944,281	.97	49,014.51	15.65	.97	81,697.27	26.05	8,378.47	2.67	174,258.33	56.63	313,248.61	.70
El Paso	70,729,760	4.89	246,846.86	10.21	4.89	335,966.36	13.90	648,476.03	22.69	1,286,907.71	53.20	2,417,396.96	5.39
Fremont	29,591,701	1.42	71,865.03	10.68	1.42	117,573.61	17.48	104,854.78	16.68	378,575.57	56.26	672,973.99	1.50
Garfield	16,643,295	1.14	57,736.10	10.41	1.14	181,976.25	32.82	63,533.49	11.46	251,199.70	45.31	554,445.54	1.24
Gilpin	3,152,556	.22	11,002.42	10.35	.22	65,746.01	53.37	9,806.95	9.22	28,767.12	27.06	106,321.60	.24
Grand	6,273,775	.43	21,895.47	17.21	.43	49,876.51	39.21	6,675.55	5.25	48,767.51	33.33	127,216.04	.28
Gunnison	14,628,380	1.00	50,704.04	13.63	1.00	126,978.04	34.14	30,228.00	8.13	164,008.07	44.10	371,918.75	.83
Hinsdale	978,342	.07	3,414.41	9.41	.07	16,974.23	46.95	2,240.26	6.20	13,528.43	37.41	36,157.83	.08
Huerfano	13,943,853	.96	48,664.06	9.84	.96	143,621.68	29.04	41,116.87	8.31	261,241.61	62.81	494,642.71	1.10
Jackson	3,111,330	.22	10,858.54	22.49	.22	13,689.85	28.36	3,188.69	6.60	20,540.68	42.55	48,277.76	.11
Jefferson	25,514,255	1.76	89,044.75	12.11	1.76	181,406.35	24.67	54,164.93	7.37	410,598.96	55.85	735,204.98	1.64
Kiowa	11,183,355	.77	39,039.01	15.96	.76	48,038.56	19.66	34,111.51	1.76	153,170.05	62.62	244,600.13	.56
Kit Carson	17,038,334	1.18	50,463.78	11.89	1.18	103,763.45	20.74	38,488.75	7.70	298,434.54	59.67	500,150.52	1.12
Lake	7,356,643	.51	25,674.34	9.13	.51	97,915.69	34.81	54,300.67	19.30	103,396.28	36.76	231,286.78	.63
La Plata	13,858,670	.96	48,366.76	9.57	.96	138,170.94	27.33	59,986.77	11.87	258,963.92	51.23	505,488.39	1.13
Larimer	46,423,550	3.14	158,628.19	11.17	3.14	857,937.57	25.24	229,165.22	16.15	673,009.27	47.44	1,418,640.25	3.16
Las Animas	37,699,722	2.61	131,572.03	10.48	2.61	312,907.67	24.90	165,366.99	13.17	646,193.93	51.45	1,256,040.64	2.80
Lincoln	16,638,670	1.08	54,661.61	12.92	1.08	88,642.91	20.99	21,312.61	5.04	257,837.79	61.05	422,354.82	.94
Logan	32,150,000	2.22	112,203.50	12.28	2.22	161,071.50	17.62	126,202.68	13.71	616,831.94	56.39	913,940.62	2.04
Mesa	27,083,186	1.87	94,520.32	9.83	1.87	189,582.30	19.72	164,473.69	17.11	512,696.34	53.34	661,272.65	2.12
Mineral	1,468,289	.10	5,124.30	16.99	.10	11,261.70	37.35	3,767.08	12.49	10,092.27	33.17	36,155.35	.07
Moitav	6,210,898	.43	21,676.03	10.64	.43	74,530.77	36.23	15,933.56	7.75	93,457.07	45.48	205,687.43	.46
Montezuma	5,195,755	.36	18,133.18	8.70	.36	76,013.89	36.46	17,183.55	8.24	97,156.57	46.60	208,437.10	.46
Montrose	10,449,400	.72	36,468.41	8.98	.72	116,824.30	28.77	44,834.29	11.04	207,929.85	61.21	406,066.85	.91
Morgan	24,716,270	1.71	86,259.78	18.16	1.71	114,930.65	17.54	58,166.67	8.88	395,950.90	60.42	655,308.00	1.46
Otero	29,013,905	2.01	101,258.53	12.10	2.01	143,618.83	17.15	139,586.47	16.67	462,725.26	54.08	837,189.09	1.87
Ouray	3,515,534	.24	12,269.21	10.92	.24	49,669.03	44.08	12,092.16	10.76	38,517.98	34.25	112,448.38	.25
Park	8,113,880	.66	28,317.48	20.67	.66	51,928.90	37.72	2,735.95	1.09	54,674.89	39.72	137,657.22	.31
Phillips	13,317,325	.92	46,477.46	15.83	.92	65,254.89	22.22	23,571.19	8.03	155,294.23	53.92	293,697.77	.66
Pitkin	3,229,840	.23	11,492.01	11.86	.23	46,099.76	47.58	10,255.07	10.58	29,046.56	29.98	96,893.40	.22
Prowers	13,551,560	1.34	67,536.94	11.94	1.34	133,525.76	23.62	48,008.70	8.65	315,437.82	56.79	565,409.22	1.26
Pueblo	76,873,402	5.31	268,288.17	9.29	5.31	342,855.37	11.88	1893,377.03	30.96	1,381,931.21	47.87	2,886,451.78	6.43
Rio Blanco	4,810,185	.33	16,787.54	12.10	.33	43,580.28	31.42	13,003.41	9.38	65,316.60	47.10	138,687.89	.31
Rio Grande	9,416,732	.65	82,864.39	8.37	.65	56,509.39	14.38	37,845.35	9.63	266,656.11	67.62	392,860.24	.88
Routt	15,390,730	1.05	53,713.64	11.92	1.06	121,586.77	26.97	43,017.13	9.54	232,463.08	51.67	450,780.62	1.00
Saguache	8,934,239	.62	31,180.49	14.65	.62	53,605.43	25.00	11,638.80	5.43	117,935.62	55.02	214,360.34	.48
San Juan	3,495,917	.24	12,200.75	11.94	.24	46,565.61	45.58	9,514.65	9.32	33,875.44	33.16	102,156.35	.23
San Miguel	4,032,295	.28	14,072.71	8.56	.28	70,606.49	44.45	10,223.14	6.44	63,933.33	40.25	153,841.27	.35
Sedwick	11,248,890	.78	39,258.63	12.23	.78	66,930.90	20.85	34,309.87	10.69	180,487.07	56.23	320,986.47	.72
Summit	4,318,667	.30	15,072.11	13.96	.30	44,806.06	41.51	6,358.18	5.87	41,724.80	38.66	107,941.15	.24
Teller	4,454,330	.31	15,645.61	7.98	.31	58,351.72	29.96	40,578.77	20.84	80,275.06	41.22	194,751.16	.43
Washington	13,423,996	.93	46,849.75	11.99	.93	82,557.57	21.13	14,834.10	3.80	246,441.11	63.08	390,682.53	.87
Weld	90,347,020	6.24	316,311.10	12.08	6.24	380,360.96	14.58	289,638.85	11.10	1,623,843.90	62.24	2,609,154.80	5.82
Yuma	20,672,840	1.43	72,148.21	14.46	1.43	87,859.57	17.61	28,035.95	5.62	310,826.49	62.31	408,870.22	1.11
State	\$1,447,169,719	100.00	\$5,050,622.26	11.26	100.00	\$8,733,123.12	19.47	\$8,753,895.67	19.61	\$22,326,155.07	49.76	\$44,863,801.12	100.00

*From County Treasurers' Annual Statements.
Includes mountain park districts.
Includes water and park districts.

MILEAGE AND VALUE OF RAILROADS, TELEGRAPH AND TELEPHONE LINES AS RETURNED BY STATE TAX COMMISSION FOR 1931

COUNTY	Miles of Railroad	Value	Miles of Telephone	Value	Miles of Telegraph	Value
Adams	92.06	\$4,269,160	7,640.66	\$273,040	1,288.76	\$115,620
Alamosa	51.45	1,594,030	1,716.50	57,860	94.35	9,430
Arapahoe	62.94	2,588,750	11,381.57	416,790	742.86	68,960
Archuleta	63.10	1,954,970	315.25	12,850	90.04	9,000
Baca	47.24	2,093,840	1,163.00	38,890	23.44	2,340
Bent	77.59	3,439,060	2,374.00	88,690	482.55	31,120
Boulder	98.15	3,725,390	14,929.24	501,780	267.90	26,770
Chaffee	76.95	2,384,070	2,279.00	76,200	389.53	38,080
Cheyenne	63.12	2,838,940	894.88	37,720	570.70	57,020
Clear Creek	26.03	894,010	1,153.00	38,550	32.42	3,240
Conejos	54.05	1,674,580	1,167.00	38,600	105.01	10,490
Costilla	63.63	1,044,530	1,075.05	55,600	62.69	6,260
Crowley	31.35	1,103,010	1,168.20	43,050	66.70	6,660
Custer	12.65	391,920	347.00	11,480	25.30	2,530
Delta	69.50	2,153,260	4,063.00	131,230	213.86	21,370
Denver	55.18	2,422,430	256,014.40	8,566,960	1,736.87	165,320
Dolores	17.72	70,880	46.00	3,270	16.67	1,670
Douglas	94.39	3,480,390	3,393.60	127,470	1,749.71	146,170
Eagle	82.21	2,533,140	995.50	32,020	454.91	45,450
Elbert	83.24	3,291,550	1,720.20	84,010	480.98	48,060
El Paso	190.52	6,667,860	30,262.32	1,036,800	2,309.38	195,890
Fremont	101.38	3,407,150	4,768.00	158,420	473.52	41,760
Garfield	118.04	2,999,620	3,107.25	103,250	577.84	57,630
Gilpin	36.99	1,175,220	795.00	26,580	34.94	3,490
Grand	76.58	2,327,480	1,304.00	43,550	---	---
Gunnison	184.03	5,615,180	1,479.66	51,270	186.78	15,830
Hinsdale	9.40	291,230	77.00	2,110	---	---
Huerfano	127.75	4,082,100	2,803.84	101,630	830.86	77,580
Jackson	43.88	179,460	258.00	8,630	---	---
Jefferson	98.65	3,382,020	11,790.00	393,370	379.35	37,900
Kiowa	87.49	3,078,210	1,261.88	64,980	178.70	17,850
Kit Carson	60.18	2,091,290	975.50	31,870	304.84	30,460
Lake	53.69	1,714,680	1,741.00	58,210	229.55	22,930
La Plata	121.00	2,946,120	2,446.25	80,190	165.52	16,540
Larimer	141.54	5,125,430	14,952.48	519,620	214.77	21,460
Las Animas	231.93	9,019,400	6,841.60	246,910	1,849.05	144,510
Lincoln	73.33	2,991,390	2,093.98	100,760	542.03	54,160
Logan	133.60	6,438,690	5,115.02	201,340	786.84	56,580
Mesa	112.25	3,232,350	7,508.88	252,140	752.84	75,220
Mineral	17.40	539,090	266.00	8,900	17.41	1,740
Moffat	7.49	225,050	976.00	32,840	---	---
Montezuma	62.69	250,760	984.00	32,900	59.67	5,960
Montrose	52.35	1,621,910	3,497.50	116,090	140.23	14,010
Morgan	90.53	4,271,560	5,657.30	211,700	1,028.89	85,380
Otero	92.58	4,101,820	4,906.20	169,280	1,000.57	63,550
Ouray	37.40	799,870	1,043.00	34,890	72.05	7,200
Park	95.97	3,296,130	1,535.00	51,520	594.17	59,360
Phillips	36.31	1,763,320	701.97	32,000	36.30	3,630
Pitkin	39.14	649,230	695.00	23,050	37.33	3,730
Prowers	80.95	3,587,980	4,848.18	202,940	509.49	33,010
Pueblo	211.17	7,203,850	32,529.38	1,115,730	2,269.96	191,340
Rio Blanco	7.80	92,130	829.50	27,480	---	---
Rio Grande	52.51	1,360,900	1,884.00	63,460	50.25	5,020
Routt	90.94	2,732,420	1,793.25	60,010	---	---
Saguache	90.15	2,781,620	1,597.50	51,440	163.79	14,760
San Juan	28.72	553,360	728.00	24,340	13.10	1,310
San Miguel	47.70	190,800	929.00	31,060	52.11	5,210
Sedgwick	31.48	1,418,990	1,523.86	64,740	357.70	26,180
Summit	44.94	1,543,480	848.00	27,250	86.04	8,600
Teller	39.55	662,760	3,220.00	107,660	---	---
Washington	40.44	1,976,150	968.45	38,010	424.40	41,260
Weid	401.40	16,112,350	17,294.36	604,150	3,185.59	263,150
Yuma	40.42	1,962,920	1,439.27	50,240	405.89	40,550
State	4,964.81	\$170,411,240	504,113.43	\$17,279,370	29,217.00	\$2,559,430

COMPARATIVE ASSESSED VALUATION AS REPORTED BY TAX COMMISSION,

1923, 1924, 1925, 1929, 1930, 1931

COUNTY	1931	1930	1929	1925	1924	1923
Adams	\$ 28,039,200	\$ 32,186,300	\$ 32,229,890	\$ 31,771,520	\$ 31,770,460	\$ 32,493,982
Alamosa	9,061,216	10,095,070	9,997,212	9,346,936	9,260,459	9,234,277
Arapahoe	21,526,570	23,956,229	23,152,050	21,175,010	21,301,925	20,847,165
Archuleta	4,282,654	4,636,869	4,665,810	4,550,250	4,603,580	4,701,440
Baca	12,939,100	14,318,800	13,389,800	10,004,707	9,710,749	10,465,012
Bent	12,294,915	13,759,870	13,741,575	13,588,251	13,512,295	13,945,710
Boulder	43,721,245	47,414,950	46,872,840	47,273,532	46,753,280	46,767,829
Chaffee	9,322,020	9,858,980	9,610,955	10,489,660	10,590,445	10,566,990
Cheyenne	11,816,838	13,853,688	13,784,464	16,937,730	18,303,302	19,873,728
Clear Creek	5,273,230	5,434,895	5,411,690	5,424,380	5,488,825	5,533,725
Conejos	7,865,665	9,205,570	9,291,400	8,482,960	8,433,945	8,717,515
Costilla	4,549,550	5,293,410	5,312,665	5,244,260	5,401,112	5,666,640
Crowley	8,470,870	9,743,528	10,185,080	9,798,990	9,808,585	9,547,648
Custer	2,654,262	3,075,435	3,065,645	3,114,268	3,096,800	3,111,965
Delta	13,088,790	14,688,795	15,079,260	15,555,771	16,445,405	17,009,102
Denver	435,632,685	459,992,853	453,835,330	416,604,690	405,106,910	388,170,010
Dolores	1,484,224	2,066,877	1,825,115	1,630,444	1,560,443	1,745,228
Douglas	10,584,880	11,837,706	11,474,840	10,738,479	11,217,455	11,564,430
Eagle	7,224,798	8,058,066	7,176,615	6,522,163	6,385,168	6,551,254
Elbert	14,045,043	16,478,763	17,708,317	17,998,235	18,259,814	18,798,004
El Paso	70,456,810	75,322,405	75,393,330	70,999,530	70,661,250	70,056,730
Fremont	20,609,397	22,871,813	23,383,340	21,496,797	21,470,829	21,578,161
Garfield	16,543,295	18,212,475	18,036,195	16,760,930	16,770,960	17,472,170
Gilpin	3,152,556	3,204,732	2,877,759	2,636,555	2,831,029	2,820,720
Grand	6,273,745	6,888,680	5,813,895	4,683,230	4,539,060	4,676,540
Gunnison	14,528,380	15,659,405	15,966,050	15,633,235	15,855,290	16,005,045
Hinsdale	956,032	1,178,983	982,553	940,990	926,077	932,479
Huerfano	13,943,853	16,069,091	16,605,932	15,960,350	16,141,453	15,905,870
Jackson	3,167,830	3,670,740	3,855,680	3,677,870	3,846,730	4,238,020
Jefferson	25,457,475	28,644,700	27,775,520	25,711,450	24,692,740	24,158,345
Kiowa	11,183,385	13,004,770	13,187,310	14,353,803	14,161,089	14,401,847
Kit Carson	17,038,334	21,164,833	21,295,855	26,076,536	26,110,941	28,394,501
Lake	7,356,543	7,487,005	7,610,450	7,706,810	7,744,325	8,087,200
La Plata	13,846,100	15,351,155	15,520,611	15,264,755	15,084,263	15,076,393
Larimer	45,491,930	52,357,595	53,346,290	55,278,060	53,362,355	52,039,025
Las Animas	37,666,062	41,974,002	41,622,162	42,308,393	42,939,525	43,448,221
Lincoln	15,633,670	18,333,217	20,406,035	22,623,650	23,143,320	23,578,271
Logan	32,149,730	36,556,861	36,916,775	36,891,095	38,102,560	40,242,371
Mesa	27,083,185	30,755,510	30,225,510	29,712,195	29,447,230	29,623,271
Mineral	1,468,280	1,667,299	1,566,140	1,486,650	1,474,705	1,367,131
Moffat	6,193,498	7,261,564	7,374,850	6,572,136	6,128,905	6,181,381
Montezuma	5,195,755	6,241,295	6,564,155	6,296,535	6,120,240	6,310,881
Montrose	10,449,400	12,050,922	12,204,332	12,464,845	12,976,810	14,360,761
Morgan	24,716,990	27,718,762	28,881,820	28,299,506	28,626,940	28,918,031
Otero	29,014,005	32,118,810	32,013,510	34,495,560	33,694,130	33,702,791
Ouray	3,515,534	4,092,453	4,084,281	4,020,672	4,128,887	4,535,841
Park	8,113,890	8,696,650	8,895,205	8,510,030	8,481,555	8,834,701
Phillips	13,317,255	15,414,635	15,435,890	14,914,375	15,910,370	17,286,490
Pitkin	3,294,100	3,816,490	3,915,120	4,448,460	4,560,290	4,624,101
Prowers	19,351,760	21,564,010	21,831,630	21,770,175	22,862,215	23,156,226
Pueblo	76,859,710	83,025,130	81,257,860	74,263,765	73,445,919	72,717,351
Rio Blanco	4,805,315	5,796,095	6,074,325	5,291,040	4,914,165	5,147,871
Rio Grande	9,416,732	11,137,246	10,931,025	10,483,371	10,701,820	11,489,000
Routt	15,390,730	16,802,930	15,907,960	14,605,133	14,446,455	14,917,451
Saguache	8,934,209	10,583,464	11,435,834	11,151,184	11,278,995	11,332,721
San Juan	3,495,917	3,796,488	3,440,058	3,613,684	3,297,850	3,259,981
San Miguel	4,032,295	4,635,150	5,447,270	6,742,990	7,129,420	7,704,441
Sedgwick	11,249,870	12,970,688	13,273,730	9,985,115	10,372,865	11,154,111
Summit	4,318,657	4,481,396	4,616,006	4,501,909	4,522,946	5,240,001
Teller	4,454,330	5,038,070	5,674,560	7,004,030	6,860,590	6,936,441
Washington	13,423,906	15,921,474	17,244,308	23,503,472	25,859,305	27,231,211
Weld	90,347,026	102,130,907	105,179,350	106,102,390	110,485,890	113,713,441
Yuma	20,672,840	24,797,360	25,058,795	25,236,990	24,973,470	25,421,111
State	\$1,438,448,065	\$1,586,462,903	\$1,586,919,769	\$1,540,732,487	\$1,538,096,720	\$1,543,589,611

ACRES, VALUE PER ACRE AND TOTAL VALUE OF AGRICULTURAL LANDS AS RETURNED FOR ASSESSMENT IN COLORADO, 1912-1931, 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	\$4,088,882	\$ 23.64	1,813,163	\$ 32,355,224	\$17.83	189,199	\$2,508,029	\$18.78	2,494,986	\$ 10,147,170	\$ 4.06	13,354,970	\$21,121,657	\$1.68	18,063,365	\$ 71,220,962
1912	23,855	6,774,119	284.19	2,248,274	123,778,342	55.05	115,605	2,658,460	23.08	3,353,081	27,300,436	8.14	13,876,229	53,764,275	3.87	19,617,025	214,285,633
1914	23,500	5,899,394	251.03	2,235,000	138,893,406	62.12	100,865	4,539,906	23.78	3,277,919	29,210,497	8.91	15,381,078	57,932,182	4.41	21,109,362	246,480,385
1915	28,813	5,005,723	209.36	2,154,168	143,427,442	66.58	214,242	5,501,942	25.67	3,502,655	33,009,938	9.15	16,284,222	75,928,116	4.66	22,284,101	253,773,250
1916	28,473	5,429,620	190.60	2,173,335	142,635,050	65.10	211,447	5,472,955	25.88	3,544,019	34,935,150	9.58	17,110,263	79,809,582	4.56	23,167,537	268,282,668
1917	29,076	5,467,705	188.06	2,114,917	146,739,016	69.38	247,467	6,509,093	26.30	3,256,507	78,679,563	9.52	13,090,752	65,559,040	5.01	23,748,719	302,956,217
1918	29,304	4,935,830	167.92	2,144,617	152,720,726	71.21	242,626	6,570,620	27.08	3,583,090	107,116,897	12.48	14,120,307	78,018,806	5.52	25,129,943	349,361,929
1919	31,247	5,283,365	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	75,403,575	5.34	25,632,813	404,004,836
1920	32,148	5,415,980	168.47	2,308,415	192,800,890	83.52	228,330	6,679,737	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	5,254,095	163.76	2,292,701	191,430,830	83.45	253,396	7,344,393	27.88	11,161,376	178,472,552	15.91	15,593,783	88,303,927	5.66	29,843,340	470,806,897
1922	29,859	5,033,990	168.59	2,253,954	187,374,129	82.76	257,928	7,662,085	28.60	11,037,563	168,490,955	15.26	15,931,518	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	28.86	11,119,294	161,831,776	14.55	18,069,178	92,520,568	5.13	31,763,375	449,635,202
1924	31,378	4,781,405	152.38	2,253,055	179,336,632	79.55	260,658	7,589,590	28.92	11,054,786	151,314,043	13.58	19,032,970	90,409,339	4.75	32,633,747	433,381,009
1925	30,352	4,480,357	147.61	2,283,110	173,219,787	75.87	251,525	7,531,229	29.18	11,640,456	150,057,870	12.89	19,552,155	82,460,126	4.22	33,767,509	417,849,859
1925	24,783	3,671,270	148.14	2,224,443	171,002,984	76.87	347,446	8,908,931	25.64	11,473,210	147,254,503	12.84	20,817,793	82,673,584	4.06	34,387,575	413,420,372
1927	20,045	3,237,155	163.99	2,249,195	169,851,231	75.51	328,920	8,594,150	26.43	11,559,097	143,880,054	12.45	20,724,215	81,135,763	3.92	34,881,473	406,857,353
1928	20,515	3,230,062	157.45	2,230,622	155,644,975	73.96	330,990	8,528,409	26.07	11,392,036	137,717,586	12.09	21,179,940	77,735,048	3.67	35,163,103	392,956,080
1929	20,771	3,177,745	152.99	2,192,556	166,980,644*	72.52	347,852	8,584,723	24.68	11,385,796	129,514,067	11.38	20,800,067	75,554,485	3.63	34,747,152	383,811,664
1930	20,214	3,212,568	158.93	2,163,794	153,447,779	70.92	355,192	8,504,900	28.95	11,516,528	124,829,179	10.84	20,835,558	72,514,305	3.48	34,802,281	362,508,726
1931	20,793	2,653,410	127.00	2,102,843	120,674,011	57.39	391,427	7,255,124	18.53	11,478,779	101,102,771	8.81	21,200,855	58,551,774	2.76	35,194,697	290,247,090
Per cent of increase or decrease, 1913-1931	D.12.77	D.60.83	D.55.31	D.6.47	D.2.51	I.4.25	I.238.59	I.171.38	D.19.71	I.242.34	I.270.33	I.8.23	I.52.79	I.8.92	D.28.68	I.79.41	I.35.45

*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.

1931 COUNTY TAX LEVIES, IN MILLS, FOR ALL COUNTY PURPOSES; TAX COLLECTED IN 1932

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	4.48	1.50	4.06	.18	---	---	---	10.22
Alamosa	5.00	---	4.50	.01	.15	.58	.20	10.44
Arapahoe	5.00	1.45	3.90	.12	.14	---	---	10.61
Archuleta	4.00	2.00	5.00	.10	---	---	---	11.10
Baca	5.00	2.25	4.12	---	---	.14	---	11.51
Bent	5.00	1.75	4.11	.06	.20	1.00	---	12.12
Boulder	4.00	1.78	3.00	.12	.10	---	---	9.00
Chaffee	4.80	---	7.50	---	---	2.20	.80	15.30
Cheyenne	2.57	---	2.76	---	---	---	---	5.33
Clear Creek	4.10	2.10	8.20	.10	---	1.00	---	15.50
Conejos	5.00	.50	6.10	.05	---	1.85	---	13.50
Costilla	5.00	1.50	10.00	---	---	3.50	---	20.00
Crowley	4.00	1.00	2.80	.10	.10	---	---	8.00
Custer	5.00	1.00	9.00	---	---	---	---	15.00
Delta	5.00	5.45	6.15	.27	.15	.28	---	17.30
Denver	2.44	2.41	4.39	.12	---	---	---	9.36
Dolores	5.00	4.90	9.50	---	.50	4.50	---	24.40
Douglas	3.40	2.35	3.75	---	---	---	---	9.50
Eagle	4.00	3.00	7.50	.05	---	---	1.05	15.60
Elbert	5.00	3.00	2.68	.13	---	---	---	10.81
El Paso	3.72	.90	3.72	.12	---	---	---	8.46
Fremont	5.00	1.00	4.71	---	---	---	---	10.71
Garfield	5.00	3.53	5.85	.12	.20	1.30	---	16.00
Gilpin	3.50	3.50	8.50	4.00	---	2.00	---	21.50
Grand	3.00	1.60	5.00	.03	.20	.25	.50	10.58
Gunnison	2.21	1.00	3.82	.13	.10	3.70	---	10.96
Hinsdale	5.00	2.00	11.00	---	---	4.14	---	22.14
Huerfano	5.00	2.50	6.80	---	---	1.00	---	15.30
Jackson	2.00	---	4.00	---	---	.40	---	6.40
Jefferson	4.90	2.90	4.21	---	---	---	---	12.01
Iowa	3.38	---	4.00	---	.30	---	---	7.68
Kit Carson	5.00	2.00	4.02	.07	---	---	---	11.09
Lake	3.90	2.88	8.00	2.28	.15	---	---	17.21
La Plata	5.00	3.75	5.22	.10	.20	.70	---	14.97
Larimer	4.44	3.35	3.16	.16	.04	1.17	---	12.32
Las Animas	5.00	3.65	4.51	.02	.11	---	.01	13.30
Lincoln	5.00	1.00	4.23	---	---	.44	---	10.67
Logan	5.00	1.56	3.18	.12	---	.15	---	10.01
Losa	5.00	2.30	4.00	.10	---	.60	---	12.00
Mineral	3.50	---	7.50	.17	---	---	---	11.17
Moffat	5.00	3.00	6.00	.20	---	2.80	---	17.00
Montezuma	5.00	3.00	8.30	.05	.27	2.51	.50	19.63
Montrose	5.00	3.44	5.91	.11	---	1.92	---	16.38
Morgan	4.86	1.00	3.52	.13	---	---	---	9.51
Nero	4.27	1.75	3.05	.10	.05	---	---	9.22
Nunavut	4.00	2.00	5.80	---	.10	6.10	.10	18.10
Osage	3.00	1.00	5.30	.10	---	---	---	9.40
Park	4.00	1.25	3.23	.08	.10	.24	---	8.90
Pitkin	4.00	1.00	5.88	.12	---	7.12	---	18.12
Prowers	5.00	1.00	5.60	.21	.07	---	.02	11.90
Pueblo	4.73	.75	3.51	.20	---	---	---	9.19
Rio Blanco	5.00	2.20	5.60	---	.15	---	1.11	14.06
Rio Grande	5.00	1.00	5.00	---	---	---	---	6.50
Salt	5.00	2.50	3.80	---	.10	1.50	---	12.90
Saguache	3.00	1.00	5.00	---	---	---	---	9.00
San Juan	3.25	3.00	8.50	.12	---	1.70	---	16.57
San Miguel	5.00	2.50	8.01	---	.80	6.20	---	22.51
Sedgewick	3.86	2.50	3.20	.16	.90	---	---	10.62
Seminole	3.00	2.50	7.75	.13	---	---	---	13.38
Sheridan	5.00	---	8.00	.10	---	5.00	---	18.10
Washington	5.00	2.25	3.78	.12	---	---	---	11.15
Weld	4.20	2.11	2.08	.02	---	---	---	8.41
Yuma	5.00	1.50	2.65	.10	---	---	---	9.25
State Av.	3.84	1.36	4.19	.12	.03	.31	.02	9.87

†Revenue includes Old Age Pension in Gilpin and Lake Counties and advertising is included in ordinary County for Weld County.

‡Revenue for San Miguel County includes Rodent fund.

DETAILED ASSESSMENT FOR ALL COLORADO PROPERTY, 1912-1931, INCLUSIVE, BY CLASSES OF PROPERTY
(Assessments by County Assessors, Exclusive of Agricultural Land and Improvements)

Year	Non-Ag. Land and Imp.	Mineral Land and Imp.	Town Lots and Improvements	Livestock, Poultry and Bees	Bicycles, Motorcycles, Automobiles, Planes	Bank Deposits	Ag. Imp., Tractors, Harness	Amount Invested in Mdse.	Capital in Manufacturing	All Other Property	Total Net Assessment by 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	\$361,428,891
1913	5,946,033	62,154,447	366,684,421	52,677,676	4,864,644	2,068,865	3,143,115	39,039,675	10,769,114	75,339,645	859,743,039
1914	5,472,154	60,379,869	375,237,261	61,455,511	5,855,126	12,601,812	6,609,377	39,336,101	8,185,690	78,136,176	912,486,186
1915	5,053,479	56,129,297	374,735,282	72,682,153	7,978,314	11,120,408	7,433,882	40,666,917	12,048,092	78,065,200	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	17,549,292	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	1,176,456,635
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	31,986,595	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	51,040,844	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	38,706,447	95,135,555	1,322,490,909
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	7,399,154	9,985,955	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	48,629,088	513,563,845	49,337,956	48,085,926	8,138,408	10,198,982	76,648,132	37,919,838	84,385,349	1,332,474,176
1928	6,220,581	47,313,344	525,006,389	57,129,404	47,576,250	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	62,350,561	53,685,246	15,277,173	10,646,398	73,714,596	12,464,438	145,258,142	1,346,063,169
1930	5,949,437	42,388,351	532,111,032	55,726,631	50,642,770	18,049,516	11,341,646	74,751,964	13,495,823	163,095,521	1,333,377,923
1931	4,895,018	39,011,139	502,319,294	46,055,268	45,353,804	18,296,101	11,360,000	66,090,039	10,752,855	162,494,908	1,187,137,920
Per Cent of increase or decrease, 1913 to 1931	D. 17.68	D. 37.24	I. 36.99	D. 12.57	I. 939.12	I. 784.35	I. 261.44	I. 69.29	D. 0.15	I. 115.68	I. 38.08

*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.

ASSESSMENTS OF PUBLIC UTILITIES BY COLORADO TAX COMMISSION, 1912 TO 1931

Year	RAILROADS			TELEPHONE LINES			TELEGRAPH LINES			All Other Property	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	\$ 1,665,128	\$ 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	1,119,985,084
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	169,796,900	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	161,677,790	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	30.094	321,374	13,214,700	41.12	26,020	2,431,240	93.44	50,458,340	226,418,960	1,578,256,499
1922	5,164	160,487,820	31,078	333,567	13,332,880	39.97	26,809	2,386,820	89.03	49,919,450	226,126,970	1,548,617,879
1923	5,087	160,693,730	31,589	371,700	13,544,500	36.44	27,724	2,484,100	89.60	51,244,150	227,966,480	1,543,889,603
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	4,905	161,387,910	32,309	490,555	14,499,940	29.56	27,852	2,639,930	94.79	54,499,320	233,027,700	1,577,560,380
1929	4,992	165,567,770	33,168	447,853	15,676,400	35.00	27,931	2,658,390	95.18	56,949,040	240,851,600	1,586,919,769
1930	4,961	172,658,060	34,803	478,850	16,686,810	34.85	27,394	2,678,680	97.78	61,061,430	253,084,980	1,586,462,908
1931	4,973	170,411,240	34,267	504,175	17,279,370	34.27	29,217	2,559,430	87.60	61,060,105	251,310,145	1,438,448,065
Per cent of increase or decrease, 1913 to 1931	D.12.06	D.2.56	I.10.87	I.108.89	I.69.36	D.21.85	I.3.42	I.69.83	I.64.23	D.16.49	D.3.43	I.25.43

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.

Statutory increase ordered by Tax Commission. Commencing with 1913 a full cash value basis was used.

COMPARISON OF INCREASES OR DECREASES IN ASSESSMENTS, 1913 AND 1931

Classes of Property	Acres or Miles Per Cent		Total Value Per Cent		Av. Value Per Acre or Per Mile Per Cent	
	Increase	Decrease	Increase	Decrease	Increase	Decrease
Assessments by Assessors						
Fruit Land.....	----	12.77	----	60.83	----	55.31
Irrigated Land.....	----	6.47	----	2.51	4.25	----
Natural Hay Land.....	238.59	----	171.88	----	----	19.71
Dry Farming Land.....	242.34	----	270.33	----	8.23	----
Crazing Land.....	52.79	----	8.92	----	----	28.68
Total Lands.....	79.41	----	135.45	----	----	24.45
Non-Ag. Land and Improve- ments.....	----	----	----	17.68	----	----
Mineral Land and Improvements	----	----	----	37.24	----	----
Town Lots and Improvements.....	----	----	36.99	----	----	----
Livestock, Poultry and Bees.....	----	----	----	12.57	----	----
All Motor Vehicles.....	----	----	939.12	----	----	----
Bank Deposits.....	----	----	784.35	----	----	----
Agricultural Implements.....	----	----	261.44	----	----	----
Money in Merchandise.....	----	----	69.29	----	----	----
Capital in Manufacturing.....	----	----	----	0.15	----	----
All Other Property.....	----	----	115.68	----	----	----
Total by Assessors.....	----	----	38.08	----	----	----
Assessments by Tax Commis- sion						
Railroads.....	----	12.06	----	2.56	10.87	----
Telephone Lines.....	103.89	----	59.36	----	21.85	21.85
Telegraph Lines.....	3.42	----	69.83	----	64.23	----
All Other Property.....	----	----	----	16.49	----	----
Total by Tax Commission.....	----	----	----	3.43	----	----
Total Assessment for State.....	----	----	28.43	----	----	----

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1931, INCLUSIVE

	General State		State University		Agricultural Coll.		School of Mines	
	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue
1912.....	2.30950	\$ 975,380	0.40000	\$ 168,923	0.20000	\$ 84,466	0.20000	\$ 84,466
1913.....	0.71920	939,623	0.13650	178,264	0.06820	89,132	0.06820	89,132
1914.....	0.75220	985,059	0.14275	186,942	0.07138	93,471	0.06800	89,050
1915.....	0.73000	911,887	0.20450	255,386	0.14480	180,928	0.07150	89,268
1916.....	0.70000	848,159	0.20450	247,719	0.14480	175,497	0.07150	86,588
1917.....	0.80230	1,047,218	0.39170	511,385	0.30340	396,011	0.08840	115,374
1918.....	0.74500	1,059,745	0.38660	549,788	0.30150	428,767	0.08270	117,609
1919.....	0.86540	1,294,017	0.38660	578,050	0.28650	428,379	0.08270	123,654
1920.....	0.85720	1,363,177	0.38360	607,800	0.28430	450,444	0.08180	130,084
1921.....	0.89310	1,409,463	0.74770	1,179,496	0.42440	670,784	0.13290	209,798
1922.....	0.91840	1,422,188	0.74770	1,157,338	0.42440	658,194	0.13290	205,858
1923.....	0.88520	1,366,081	0.59770	922,380	0.41780	644,768	0.13290	205,139
1924.....	0.65570	1,010,137	0.59770	920,757	0.42530	655,292	0.13290	204,779
1925.....	0.64950	1,000,706	0.59770	920,895	0.41780	643,733	0.13290	204,810
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	274,468
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
1931.....	0.94172	1,354,615	0.61989	891,680	0.38132	548,509	0.17534	252,217

Note.—General State includes ordinary governmental costs and the cost of maintenance and operation of the Capitol buildings. State University includes the university and Colorado General hospital. Agricultural College includes the college, the experiment station and Fort Lewis school. School of Mines includes the experiment station. 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, 1912-1931, INCLUSIVE—Continued

	Teachers College		Western State Coll.		Insane Hospital		Deaf & Blind School	
	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue
1912	0.20000	\$ 84,466	-----	-----	0.20000	\$ 84,466	0.20000	\$ 84,466
1913	0.06820	89,132	-----	-----	0.06820	89,132	0.06820	89,132
1914	0.07138	93,471	-----	-----	0.07138	93,471	0.07138	93,471
1915	0.10230	127,838	0.03000	\$ 37,476	0.07480	93,485	0.10230	127,838
1916	0.10230	124,000	0.03000	36,351	0.07480	90,679	0.10230	124,000
1917	0.19590	255,692	0.06500	84,843	0.27300	356,278	0.10040	131,116
1918	0.19400	275,890	0.06500	92,438	0.26600	378,282	0.09400	133,679
1919	0.19400	290,072	0.08000	119,617	0.26600	397,727	0.09400	140,550
1920	0.19250	305,013	0.07600	125,868	0.26300	418,240	0.09300	147,895
1921	0.27490	433,656	0.10280	162,107	0.26530	418,711	0.13820	218,115
1922	0.27490	425,515	0.10280	159,063	0.26530	410,848	0.13820	214,019
1923	0.27500	424,305	0.09530	147,037	0.26530	409,414	0.13820	213,272
1924	0.27500	423,561	0.09530	146,777	0.26530	408,695	0.13820	212,897
1925	0.27500	423,624	0.11030	169,912	0.26530	408,756	0.13820	212,929
1926	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	158,450	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
1931	0.26042	374,601	0.10044	144,478	0.26822	385,821	0.14022	201,699

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1931, INCLUSIVE—Continued

	Bonds and Interest		Highways		Miscellaneous		State Totals	
	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue	Total Levy	Total Revenue
1912	0.27940	\$ 117,984	-----	-----	0.06670	\$ 28,155	4.0566	\$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	5,616,113
1929	0.38410	609,505	-----	-----	0.27830	441,665	3.6600	5,807,833
1930	0.39410	625,225	-----	-----	0.18333	290,846	3.5900	5,695,402
1931	0.41910	602,854	-----	-----	0.18333	263,710	3.4900	5,020,184

Note—The Miscellaneous column contains levies for stock inspection, 0.03333; war and other military uses, 0.07; the state fair tax, 0.03; Adams State Normal, 0.05.

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
1931	782,570.43

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 estimate gives a total value of at least \$2,679,794,177, of which \$1,438,448,065 is the assessed value of property on the tax rolls of the state in 1931, as reported by the state tax commission, and \$1,241,346,112 is the estimated value of property not assessed for the payment of taxes. The taxable property comprises 53.7 per cent of the total and the non-taxable property 46.3 per cent. The per capita value, based on the population in 1930, is \$2,587.19, of which \$1,388.74 per capita is for taxable property and

\$1,198.45 for non-taxable property. An estimate compiled on the same basis in 1931 gave a total of \$2,855,175,481 for all property, of which \$1,586,462,903 was the assessed value of property taxed and \$1,268,712,578 was the estimated value of non-taxable property. Adjustments due to changes in conditions and values showed a decrease of \$205,381,304 in the total in 1932 as compared with 1931. Of this amount \$148,014,838 is credited to reductions in the assessed value of property on the tax rolls and \$26,366,466 to adjustments in the value of exempt 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

COUNTY MILL LEVIES, EXCLUSIVE OF GENERAL AND SPECIAL SCHOOL LEVIES

	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1913
Adams	5.74	6.29	6.28	6.35	6.29	5.88	5.05	5.60	5.07	5.32	7.82	9.50	8.00	5.00	4.00
Alamosa	5.44	5.82	5.72	5.70	6.18	5.30	5.31	6.22	5.22	5.72	5.75	7.45	7.90	6.25	10.11
Arapahoe	5.61	5.67	5.67	5.12	6.42	6.57	5.59	4.82	4.97	5.82	4.50	4.50	4.50	4.00	5.80
Archuleta	7.10	7.55	8.55	10.65	8.55	7.45	9.04	8.55	8.65	8.10	7.10	11.50	11.75	11.15	11.50
Baca	6.51	7.41	7.84	6.33	7.44	6.16	6.33	6.80	4.50	6.42	6.75	7.25	7.25	6.40	7.50
Bent	7.12	7.80	7.39	6.42	6.48	6.17	5.32	4.75	5.283	5.07	7.55	5.575	9.05	7.22	7.51
Boulder	5.00	6.31	7.24	6.34	8.21	6.775	5.925	5.375	5.875	6.175	6.875	7.23	7.23	6.23	5.00
Chaffee	10.50	11.30	12.00	7.50	7.55	8.75	8.75	8.55	7.70	8.55	7.90	8.50	8.50	7.00	6.10
Cheyenne	2.75	2.65	3.15	2.95	8.70	3.43	3.45	2.44	2.50	2.62	3.85	7.20	4.95	5.45	4.50
Clear Creek	11.40	10.40	10.50	9.85	10.60	10.10	10.60	8.90	9.90	7.90	7.90	11.90	11.40	9.90	13.20
Conejos	8.50	10.00	12.00	9.61	10.20	10.30	9.50	9.55	9.55	8.50	8.55	8.55	8.55	8.55	6.53
Costilla	15.00	14.00	14.00	14.50	14.00	14.50	14.50	15.40	15.90	15.58	11.00	10.50	10.00	9.05	9.60
Crowley	4.00	3.65	4.45	5.80	6.65	5.59	5.54	5.64	7.93	5.64	6.07	8.00	7.20	5.90	4.80
Custer	10.00	10.00	10.50	9.00	8.30	8.50	8.00	9.50	8.50	9.50	10.025	9.50	9.50	7.50	8.00
Delta	12.80	12.84	12.45	12.03	10.22	8.64	8.64	6.01	6.78	6.36	8.00	10.00	6.50	4.80	5.13
Denver	4.755	4.77	4.742	4.742	4.707	4.597	4.855	4.627	3.755	2.51	2.15	2.38	4.25	4.15	0.65
Dolores	19.40	19.40	19.40	18.90	22.90	22.90	22.90	18.90	18.90	18.20	17.80	17.80	12.80	9.80	11.90
Douglas	6.10	6.10	6.10	6.10	6.10	6.10	5.10	5.90	6.95	5.70	5.70	10.32	8.92	7.01	6.85
Eagle	11.60	11.60	11.50	11.00	11.00	12.00	12.50	12.50	15.10	16.11	16.11	14.45	12.70	11.00	8.00
Elbert	5.81	5.07	4.91	4.38	4.97	4.93	5.02	4.715	5.38	6.41	6.41	6.985	7.115	5.54	5.80
El Paso	4.75	4.75	5.00	5.00	4.48	4.50	4.50	5.00	5.50	6.30	6.30	8.15	8.22	5.47	4.77
Fremont	5.71	5.92	5.34	6.34	7.55	7.63	7.80	7.60	7.37	6.95	8.95	9.53	9.53	7.70	5.88
Garfield	11.00	11.00	11.00	12.00	12.35	12.00	14.38	8.80	10.50	10.40	12.20	11.10	10.30	9.80	7.72
Gilpin	18.00	18.00	12.50	12.50	12.50	12.50	12.50	12.50	12.50	14.50	14.50	15.00	15.00	15.00	12.00
Grand	7.95	8.04	9.08	8.85	7.51	11.30	9.55	10.20	11.80	10.95	12.10	13.625	14.80	10.30	8.85
Gunnison	8.74	8.74	8.75	9.55	7.29	7.345	7.18	4.18	7.74	8.15	6.85	8.10	8.00	8.40	9.70
Hinsdale	17.35	19.00	27.25	27.25	24.00	24.00	24.00	25.00	21.05	20.50	19.50	13.50	18.00	16.75	18.00
Huerfano	10.80	11.30	10.30	11.85	8.75	10.75	10.28	8.02	8.50	8.50	11.50	10.50	10.50	9.20	9.70
Jackson	4.40	4.40	5.45	5.70	6.15	6.60	8.95	4.45	4.70	6.00	5.70	8.45	7.04	5.55	7.72
Jefferson	7.11	7.11	7.08	8.19	8.15	7.83	6.80	5.60	4.87	4.50	4.89	7.23	7.20	6.40	6.00
Kiowa	4.80	1.41	1.34	.32	4.13	4.03	3.85	3.55	8.55	3.45	3.30	4.00	4.00	3.40	3.70
Kit Carson	6.09	6.09	5.48	4.50	4.50	4.50	4.50	4.43	4.00	4.50	4.92	7.25	7.25	5.13	3.23
Lake	18.31	11.51	11.44	11.44	10.725	13.425	13.425	9.80	9.67	9.12	11.75	15.03	14.93	14.63	13.70
La Plata	9.97	9.39	9.55	9.00	10.350	8.43	8.83	7.81	7.84	7.83	7.83	10.87	9.87	7.18	5.50
Larimer	7.88	8.89	8.37	7.43	8.50	7.15	7.37	7.50	6.25	6.00	6.65	7.93	6.62	6.20	6.30
Las Animas	8.30	7.80	7.17	5.80	5.80	5.80	5.80	7.25	7.87	7.11	6.98	7.95	8.10	6.15	4.05
Lincoln	5.67	5.67	5.63	5.45	5.41	4.50	4.54	3.70	4.65	4.48	4.85	4.85	4.98	4.57	4.95
Logan	5.01	6.32	6.50	7.29	6.11	4.72	4.63	3.68	4.22	4.83	6.195	10.60	10.40	9.78	6.70
Mesa	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.60	8.60	7.53	8.41	7.75	8.70	6.57	5.20
Mineral	7.67	8.57	9.17	9.17	10.67	10.97	11.37	11.37	11.87	11.37	11.37	10.87	17.52	16.75	12.25
Moffat	12.00	13.25	13.25	12.00	12.00	10.425	9.75	10.25	10.25	8.90	10.60	12.72	12.60	12.20	9.10
Montezuma	14.58	18.63	12.32	13.12	13.75	13.65	13.75	13.25	13.48	11.77	12.77	14.90	14.98	14.58	9.00
Montrose	11.18	11.92	12.27	11.23	10.30	9.94	10.38	8.27	8.55	8.65	8.92	12.19	11.57	10.15	9.30
Morgan	4.65	6.97	7.14	7.152	6.75	3.78	4.57	2.65	2.94	3.738	1.73	10.53	8.53	6.23	6.34
Otero	4.95	4.95	4.95	4.20	4.50	4.50	4.50	5.00	5.00	5.22	5.05	5.24	5.83	5.03	7.65
Ouray	14.10	13.60	18.00	14.00	14.825	15.20	15.70	15.45	16.85	16.55	14.85	18.15	16.65	14.45	12.70
Park	6.40	4.80	7.00	7.00	7.00	6.50	7.00	8.00	7.00	8.00	7.75	9.00	9.00	9.30	6.80
Phillips	4.90	4.92	4.67	4.34	5.15	4.88	5.18	3.29	3.41	3.325	3.325	9.835	7.82	5.55	4.87
Pitkin	14.00	16.00	18.00	16.625	18.00	16.00	18.00	14.75	17.90	18.50	16.00	20.50	21.00	18.50	16.52
Prowers	6.90	7.02	7.13	6.85	4.85	4.85	4.85	4.85	4.91	5.50	5.70	7.10	7.10	6.00	6.60
Pueblo	1.46	4.45	4.65	4.67	4.67	5.15	5.15	5.15	6.35	5.85	6.75	6.00	6.00	5.00	5.90
Rio Blanco	9.05	9.15	9.24	8.49	8.31	10.53	8.25	8.15	8.37	8.52	8.15	13.03	11.58	10.23	8.95
Rio Grande	6.00	7.75	8.20	6.20	5.70	4.45	4.95	9.95	7.50	7.35	8.60	7.60	5.60	5.30	7.70
Routt	7.90	7.95	7.95	6.25	5.85	5.85	5.85	6.10	8.75	7.25	6.00	12.45	10.55	9.50	6.50
Saguache	6.00	7.40	7.40	7.00	7.00	6.90	6.90	6.75	7.24	6.18	5.04	11.60	7.35	6.95	6.70
San Juan	13.32	12.90	12.08	11.54	12.43	12.50	12.40	12.40	12.28	12.33	12.58	12.65	11.00	12.25	15.50
San Miguel	17.51	13.41	17.34	13.84	15.25	13.33	14.55	11.82	11.82	11.82	13.65	13.65	14.435	11.80	10.75
Sedgwick	5.95	6.05	8.75	8.282	7.085	8.244	5.05	3.69	4.67	6.455	6.412	10.42	8.855	5.80	8.49
Summit	10.375	10.38	10.375	10.00	9.125	8.375	8.375	8.50	8.125	8.125	10.125	13.125	7.50	6.50	6.20
Teller	13.10	13.10	13.10	13.10	13.10	13.10	13.232	13.10	13.30	12.10	12.10	13.30	13.08	11.42	11.00
Washington	6.15	7.40	5.25	4.50	4.25	6.00	7.20	7.25	4.50	4.50	4.50	9.00	7.75	4.90	4.50
Weld	4.21	6.48	6.71	6.71	6.67	6.154	5.20	5.20	4.07	5.04	5.41	7.33	6.53	5.23	8.50
Yuma	4.25	4.50	4.50	4.50	4.60	4.80	5.50	5.50	5.70	5.81	5.768	6.78	6.13	6.03	6.42
State Levy															
Assessed Val.	\$1,447,160,719	\$1,590,674,097	\$1,586,919,769	\$1,577,550,380	\$1,565,290,666	\$1,546,830,045	\$1,540,732,487	\$1,540,500,479	\$1,547,268,764	\$1,550,762,817	\$1,584,008,497	\$1,593,699,684	\$1,498,761,128	\$1,424,921,288	\$1,300,391,295

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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.....	\$ 11,485,710
Government land filed upon but not patented.....	3,197,206
National forests.....	70,000,000
Reclamation projects.....	11,000,000
Coal lands.....	523,450,000
Indian property.....	3,544,917
Shale land.....	25,430,000
Oil reserves.....	2,173,040
Government buildings.....	21,389,487
National parks and monuments.....	1,500,000
Power, water and reservoir reserves.....	25,000,000
Total federal.....	\$ 698,170,360
State and local public property:	
State property.....	\$ 230,076,103
Municipal property.....	80,000,000
County property.....	8,932,000
Public schools.....	63,615,455
Total public.....	\$ 382,623,558

Class of Property	Est. Val.
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
Fraternal organizations..	10,000,000
Charity organizations....	3,000,000
Miscellaneous	5,000,000
Total private.....	\$ 160,552,194
Total exempt.....	\$1,241,346,112
Taxable (assessed val.)..	1,438,448,065

Grand total all property. \$2,679,794,177

Unappropriated government land and land filed on but not yet patented are estimated at \$1.50 per acre.

The national forests include 13,323,566 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 1931 being \$1,667,457, of which \$1,013,564 was appropriated by congress. 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 \$25 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 \$7,089,487 under the jurisdiction of the treasury department and \$14,300,000 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 buildings other than those under the jurisdiction of the treasury department shows a decrease of \$3,000,000 from last year, due to revised figures on the veterans' hospital at Fort Lyon.

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 1931.

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 has produced annually in the 25 years ending with 1929 an average of \$62,639,877 in minerals, including both metals and non-metals. The maximum output during that period was in 1917, when war demands and high prices established a record of \$80,296,218. The minimum production in value during the 25 years was in 1914, when the output was \$52,522,416. Figures have never been compiled and are not available showing the value of the production of all min-

erals since the industry was first established, but from such records as have been kept, the total is estimated at not far short of three billion dollars. Reliable data on the seven principal minerals, including five metals, show that the output of these from the beginning down to the end of 1931 (some of the figures for the last year being preliminary) was \$2,419,005,276. The values making up this total, as reported by various agencies, are distributed as follows:

Coal	\$ 729,816,680
Gold	720,245,420
Silver	519,126,832
Lead	217,578,011
Zinc	156,992,432
Copper	47,050,242
Petroleum	28,195,659
Total	\$2,419,005,276

On the basis of industries canvassed for 1929 by the bureau of the census Colorado ranked 15th among the states in value of mineral products and 12th in number of wage earners employed in mining and quarrying industries. Since the scope of the censuses for 1919 and 1929 was not the same as to the industries covered, comparisons as to the magnitude of the mining and quarrying industries cannot be made directly between the statistics for the two years; but by revision of the figures to exclude data for all industries not canvassed at both censuses, comparison of the activities of the remaining industries is made possible. On this basis the value of products in 1929 was \$41,208,031, compared with \$51,063,444 in 1919, a decrease of 19.3 per cent. This decrease is accounted for principally in the gold and silver mining industries. Comparative figures for gold and silver (lode) industries in 1929 and 1919 show decreases of 72.2 per cent in the number of enterprises; 52.8 per cent in the average number of wage earners; 46 per cent in salaries; 53.9 per cent in wages and 74 per cent in the value of products. A table is published herewith showing a summary of operations in 1929 and 1919, with adjusted figures for 1929 for comparative purposes. Another table gives detailed statistics for selected industries. In none of the tables presented are statistics for non-producing (development only) enterprises given. A summary of these is as follows:

	1929
Number of enterprises.....	117
Number of mines and quarries.....	123
Wage earners (average).....	537
Power equipment (total horsepower)	7,610
Principal expenses:	
Salaries	\$146,845
Wages	699,931
Contract work	77,450
Supplies, fuel and purchased electric energy	363,068
Expenditures for development (included in above).....	1,158,744

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 1918, 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, 1929).....	1
Uranium and vanadium ores (value, 1929)	1
Tungsten ore (value, 1929).....	2
Fluorspar (value, 1929).....	3
Arsenious oxides (value, 1929).....	3
Manganiferous ores (quantity, 1929)	4
Gold (value, 1929).....	5
Silver (value, 1929).....	6
Coal (value, 1929).....	8
Copper (pounds, 1929).....	10
Coke (tons, 1929).....	14
Petroleum (barrels, 1929).....	16
Natural gas (cu. ft., 1929).....	17
Clay products (value, 1929).....	20
All minerals (value, 1925).....	22
All minerals (value, 1928).....	20
All minerals (value, 1929).....	21
Lime (value, 1929).....	28

The director of the United States mint in his annual report gives the estimated value of the world's production of gold since Columbus discovered America in 1492 at \$21,940,679,253. Colorado's output from 1858 to 1930, inclusive, amounted to \$715,747,032, or 3.3 per cent of the world's production over a period of 438 years. The same authority gives the value of silver production since the discovery of America at \$19,364,192,748. Colorado produced in 72 years silver valued at \$518,525,201, or 2.7 per cent of the world's supply since 1492.

The capital invested in mining in Colorado is estimated at \$150,000,000. The bureau of the census reported for 1930 a total of 17,488 persons engaged in the extraction of minerals. The occupation statistics include all persons who usually follow a gainful occupation without regard to whether they were employed at the time the census was taken. The distribution of these workers is as follows:

Operators	505
Managers and officials.....	399
Foremen and overseers.....	386
Inspectors	90
Coal-mine operatives.....	10,134
Copper-mine operatives.....	27
Gold and silver-mine operatives...	2,538
Iron-mine operatives.....	25
Lead and zinc-mine operatives....	358
Other specified mine operatives....	583
Not specified mine operatives....	1,731
Quarry operatives.....	380
Oil and gas-well operatives.....	331
Salt-well and works operatives....	1
Total	17,488

The United States bureau of mines reported 313 lode and 21 placer mines operating in the state in 1930. The state coal mine inspector reported 318 coal mines operated in 1931. There were 213 oil wells being produced in the state on January 1, 1931. Colorado's output of minerals in 1929 was equal in value to 1.07 per cent of the value of all minerals produced in the country, including Alaska.

A table published herewith shows the value of all minerals produced in Colorado by years from 1905 to 1929, 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 72.4 per cent of the total in 1929. On the contrary, the five principal metals supplied 75.4 per cent of the total in 1905 and only 27.6 per cent in 1929. This indicates that while metal mining as a whole declined in the 25-year period, the output of other minerals increased 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 228 a table giving mineral production of the state in 1925 to 1929, inclusive, 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 \$3,117,000, natural gas for nearly 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	.063
1924.....	.67	.131	.08	.065
1925.....	.694	.142	.087	.076
1926.....	.624	.14	.08	.075
1927.....	.567	.131	.063	.064
1928.....	.585	.144	.058	.061
1929.....	.533	.176	.063	.066
1930.....	.385	.124	.052	.047
1931.....	.290	.091	.037	.038

Metals, non-metals, stone, coal, petroleum and other minerals are discussed in detail in sub-chapters published herewith.

COLORADO SCHOOL OF MINES

Colorado's state school of mines, located at Golden, ranks as one of the foremost institutions of its character in the entire country. Its numerous courses deal with all branches of the mineral industry, including practical mining, assaying, identifying the various minerals, mine engineering, etc., as well as all branches of the petroleum industry and all other subjects dealing with the metallic and non-metallic minerals which abound in Colorado. The school was established in 1874 and has a present enrollment of about 470 students.

MINING AND QUARRYING IN COLORADO, 1929 AND 1919

(Compiled from Census Reports)

Note—The statistics given in this table include data for all mineral-producing activities in Colorado with the following exceptions: The production of petroleum and natural gas, salt, marls, natural mineral waters, certain minor and rare minerals and non-commercial clay (clay mined by clay-products manufacturers and used in their own production); production of coal by enterprises whose output was less than 1,000 tons; the production of sand and gravel by enterprises whose output was less than 25,000 tons; the production of other mining or quarrying industries whose output was valued at less than \$2,500; production by governmental (state, county and municipal) enterprises. The scope of the census for 1929 differed considerably from that of 1919, as follows: Petroleum and natural gas were canvassed for 1919, but not for 1929; the sand and gravel, glass sand, and moulding sand industries were canvassed for the first time in 1929; the quarrying of limestone carried on in connection with the manufacture of lime and cement was also covered for the first time in 1929 census; data for the production of sandstone ground into sand are included in the statistics for glass-sand, the sand and gravel, or the silica industry, according to the nature of the product, whereas in other censuses these data have been included in the statistics for the sandstone industry.

	All Mining and Quarrying Industries		1919	Per Cent of Increase or Decrease (—)
	1929			
	All Industries	*Revised (for comparative Purposes)		
Number of enterprises-----	314	311	466	—33.3
Number of mines and quarries-----	343	333	523	—36.3
Persons engaged:				
Proprietors and firm members----	142	142	370	—61.6
Salaried employes-----	863	843	1,321	—36.2
Wage earners (av. no. for year)---	14,562	14,493	16,710	—13.3
Total, persons engaged-----	15,567	15,478	18,401	—15.9
Power equipment (total horsepower)	118,330	116,592	114,448	1.9
Principal expenses:				
Salaries-----	\$ 2,305,888	\$ 2,250,319	\$ 2,766,151	—18.6
Wages-----	22,374,765	22,266,604	25,263,057	—11.9
Contract work-----	536,454	536,454	307,930	34.8
Supplies and materials-----	5,970,812	5,939,045	11,826,142	—49.8
Fuel-----	717,683	715,183	1,232,647	—42.0
Purchased electric energy-----	1,659,708	1,629,428	1,448,975	12.5
Value of products-----	41,530,446	41,205,031	51,063,444	—19.3

*Revised by omission of all data for all industries not canvassed in both censuses, for comparative purposes.

MINES AND QUARRIES: STATISTICS FOR SELECTED INDUSTRIES, 1929

(Compiled from Census Reports)

Note—This table presents statistics for each industry for which it is possible to give separate figures without disclosing data for individual enterprises. Certain "other industries," however, were of greater importance in the state than some of the industries shown separately.

	Number of Enterprises	Persons Engaged in Industry	Principal Expenses			Value of Products	Machinery and Other Equipment Purchased During Year (Cost)
			Salaries and Wages	Contract Work, Supplies, Fuel and Purchased Electric Energy	Expenditures for Development*		
Coal, bituminous-----	173	10,957	\$16,899,610	\$3,924,836	\$ 703,000	\$26,553,407	\$ 635,679
Gold, lode-----	44	1,651	2,745,928	1,705,910	1,401,000	4,057,060	646,720
Lead-----	18	787	1,574,917	774,420	377,000	2,946,136	159,273
Copper-----	3	562	391,264	580,158	325,000	1,697,051	6,537
Zinc-----	9	263	409,612	237,015	125,000	906,538	8,746
Limestone-----	14	257	308,653	76,986	3,000	489,236	70,365
Sand and gravel-----	3	89	163,730	64,547	-----	325,415	52,000
Silver-----	11	168	230,445	114,387	129,000	303,251	19,410
Granite-----	4	90	153,832	52,488	-----	270,073	28,232
Clay-----	9	62	57,304	5,577	1,000	115,537	117
Fluorspar-----	3	30	48,264	7,781	1,000	51,239	1,650
Gypsum-----	3	13	15,772	5,651	-----	27,867	6,500
Sandstone-----	3	13	11,933	7,185	-----	21,562	-----
Other industries-----	17	625	1,172,339	1,327,716	246,000	3,766,074	161,156
Totals-----	314	15,567	\$24,630,653	\$8,884,657	\$3,311,000	\$41,530,446	\$1,796,385

*Included in items under "Principal Expenses."

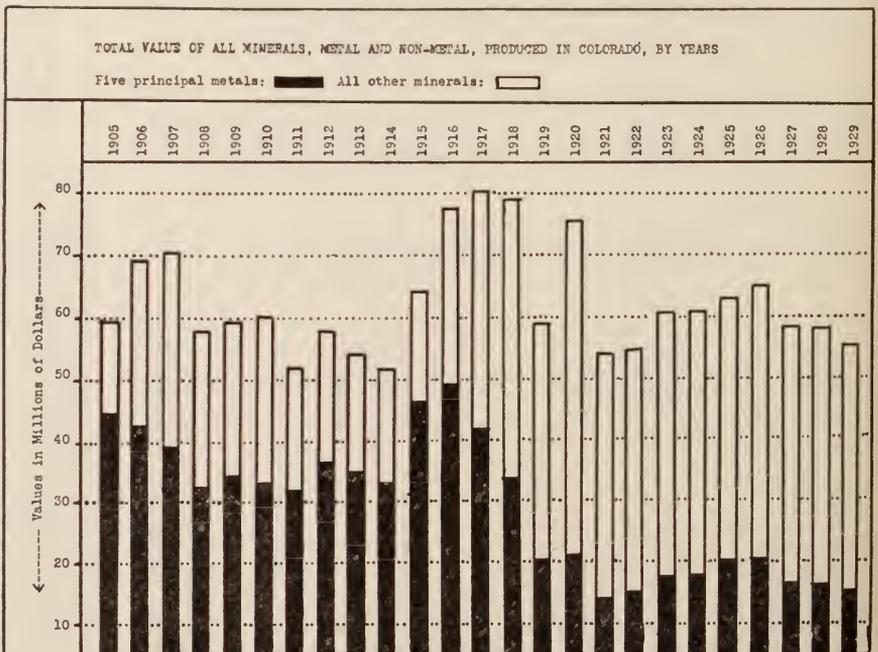
MINERAL PRODUCTION OF COLORADO IN 1929, 1928, 1927, 1926 AND 1925
(U. S. Bureau of Mines)

PRODUCT	1929		1928		1927		1926		1925	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Arsenious oxide.....	163	\$ 13,201	115	\$ 9,501	---	---	---	---	---	---
Barite	---	---	40	340	---	---	---	---	---	---
Cement	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Clay Products.....	---	\$3,117,064	---	\$2,998,242	---	\$2,998,486	---	\$3,381,776	---	\$4,126,945
Clay, raw	162,008	\$215,409	155,075	\$256,548	218,255	\$319,994	199,867	\$254,523	254,521	\$358,687
Coal	9,920,741	26,254,000	9,847,707	27,613,000	1,274,075	27,044,000	10,637,225	29,529,000	10,310,551	30,322,000
Coke	721,457	(1 3)	750,022	(1 3)	788,586	(1 3)	790,118	(1 3)	644,481	(1 3)
Copper	8,905,074	1,567,293	8,504,646	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)	(1)	(1)
Ferro-alloys	(1 3)	(1 3)	(1 3)	(1 3)	---	---	(1 3)	(1 3)	(1 3)	(1 3)
Fluorspar	4,808	56,607	1,815	18,040	6,432	(1)	10,440	(1)	11,776	153,707
Fuller's earth	(1)	(1)	(1)	(1)	---	---	---	---	---	---
Gems and precious stones.....	(4)	(4)	---	(4)	---	(4)	---	(4)	---	(4)
Gold	213,690	4,417,358	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)	(1)	(1)
Iron ore.....	50,754	(1)	52,713	(1)	32,206	(1)	35,535	(1)	8,642	(1)
Iron, pig	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)
Lead	24,445	3,080,064	26,751	3,103,100	33,386	4,206,671	34,494	5,519,024	31,483	5,478,042
Lime	7,046	76,791	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.....	17,770	(1)	18,599	99,823	26,828	126,938	2,925	(1)	7,352	26,565

VALUE OF ALL MINERALS PRODUCED IN COLORADO BY YEARS FROM 1905 TO 1929, 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	25,288,533	42.7	59,190,424
1910.....	33,671,502	55.8	26,686,213	44.2	60,357,715
1911.....	32,418,218	61.7	20,104,198	38.3	52,522,416
1912.....	37,320,966	64.1	20,846,433	35.9	58,167,399
1913.....	35,450,585	65.3	18,843,696	34.7	54,294,281
1914.....	33,460,126	64.1	18,701,534	35.9	52,161,660
1915.....	46,426,697	72.2	17,868,422	27.8	64,295,119
1916.....	49,200,697	63.3	28,442,081	36.7	77,642,778
1917.....	42,084,663	52.4	38,211,550	47.6	80,296,218
1918.....	34,160,172	43.2	44,843,756	56.8	79,003,928
1919.....	21,679,614	36.1	38,250,665	63.9	59,930,279
1920.....	21,898,974	28.8	54,138,922	71.2	76,037,896
1921.....	14,005,500	26.0	40,039,556	74.0	54,045,056
1922.....	15,301,698	27.9	39,504,579	72.1	54,806,277
1923.....	18,471,590	30.1	42,907,556	69.9	61,379,146
1924.....	18,620,796	30.3	42,867,086	69.7	61,487,882
1925.....	20,851,267	33.0	42,297,692	67.0	63,148,959
1926.....	20,883,968	31.8	44,713,519	68.2	65,597,487
1927.....	16,965,162	28.8	41,890,101	71.2	58,855,263
1928.....	16,375,355	27.9	42,219,333	72.1	58,594,688
1929.....	15,293,343	27.6	40,038,568	72.4	55,331,911
Total 25 years..	\$739,227,161	47.2	\$826,769,761	52.8	\$1,565,996,922



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 1931 was \$1,660,992,937. This total includes the preliminary figures for 1931 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 1931 preliminary figures are as follows:

	Quantity	Value
Gold		\$4,766,388
Silver, ounces.....	2,074,591	601,631
Copper, pounds.....	7,722,000	640,926
Lead, pounds.....	13,457,000	511,366
Zinc, pounds.....	31,975,000	1,215,050
Total		\$7,735,361

The advance figures for 1931, 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	18	358
1925	412	30	442
1926	387	31	418
1927	330	19	349
1928	336	23	359
1929	290	13	303
1930	313	21	334

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. This mine also recovers silver from its dry ore, copper ore and lead-zinc ore, and in 1929 ranked 17th among the larger producers of silver in the United States.

Gold leads the five principal metals in the value of total output, the production to the end of 1931 being valued at more than \$720,245,000. Colorado held first place among the gold producing states for many years, but this position was surrendered to California in 1916. In 1928 Colorado ranked fourth, its output being exceeded only by Alaska, California and South Dakota. In 1929 Utah went slightly ahead of Colorado and the state dropped to fifth place. The peak in gold production in the state was reached in 1900, when the output was valued at \$28,762,063. In the 70-year period ending with 1927 in which Colorado has produced gold, its output was equal to 15.3 per cent of all the gold produced in the United States between 1792 and 1927, inclusive, a period of 136 years. The third largest producer of gold in the United States in 1929 was the Golden Cycle Mining & Reduction company, which produced gold in the Cripple Creek district, its output being exceeded only by one operator in South Dakota and another in Alaska. The value of all gold produced in the world since Columbus discovered America is placed at \$21,940,679,253. In the 72 years in which Colorado has been producing gold its output was equal to 3.3 per cent of the world's output since 1492.

Silver production in Colorado from the beginning of the industry to the end of 1931 was in excess of \$519,126,000. The state ranks sixth among the states in annual output, being exceeded in 1929 only by Arizona, Idaho, Montana, Nevada and Utah. In that year Colorado produced 7.2 per cent of the country's output, which compares with 7.5 per cent in 1928, 6.5 per cent in 1927, 8.0 per cent in 1926 and 6.8 per cent in 1925. The peak in silver production was reached in 1891, in

which year the output was valued at \$20,948,401. World production of silver since the discovery of America is \$19,364,192,748. In the 72 years in which Colorado has been producing silver its output is equal to 2.6 per cent of the world's output since 1492.

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 1931 was \$47,050,215. 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 1931 was \$217,578,011, 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 reached a maximum output of 134,285,463 pounds in 1916, following which year there was a pronounced decline until 1921, when the output was only 2,360,000 pounds, the smallest in 24 years. Production showed a large gain in 1922 and gradually climbed back to 72,518,000 pounds in 1930. Due to adverse business conditions in 1931 the output again dropped in that year. The aggregate value of output from 1885, when commercial production began, to the end of 1931, was more than \$156,992,000. 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 1931.

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 aggregate 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. The next five years showed increases, but in 1930 and 1931 the output dropped below the 1921 figures.

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, mimehessite, krennerite, pearceite, petzite, polybasite, proustite, pyrargyrite, 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, mimitite, minium, plumbojarosite 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, melanconite, stromeyerite, tenantite and tetrahydrite.

Of the total values of gold, silver, copper, lead and zinc reported by the United States bureau of mines up to the end of 1930, as shown on pages 236-237 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. Lake county produced \$446,233,628 in the five metals up to the end of 1930.

Teller county ranked second in the development of the metal mining industry during that period, its production having been \$350,612,298 in the period from 1891 to 1930. Gold was almost exclusively responsible for the county's position, silver values totaling only \$1,236,038 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 1930.

Of the state's total values produced to that time, gold led in importance, accounting for nearly half the total. Silver, valued at more than \$518,000,000, was second, with lead, zinc and copper following in the order named.

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, bismutite, cosalite, tetradymite) —Boulder, Chaffee, Fremont, Grand, Gunnison, Jefferson, Lake, La Plata, Larimer, Montezuma, Ouray, Park, San Miguel.
- Cadmium** (greenockite) —Lake.
- Cerium** (allanite, gadolinite, monazite) —Boulder, Chaffee, Costilla, Douglas, Routt, Washington.
- Cobalt** (erythrite, smaltite) —Gunnison.

Copper —Archuleta, Baca, Boulder, Chaffee, Clear Creek, Conejos, Custer, Dolores, Eagle, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Jackson, Jefferson, Lake, La Plata, Larimer, Mesa, Mineral, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Gold —Archuleta, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Dolores, Douglas, Eagle, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Jackson, Jefferson, Lake, La Plata, Mineral, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Iron (brown iron ore, hematite, magnetite, marcasite, pyrite, pyrrhotite, siderite) — Chaffee, Costilla, Dolores, Fremont, Gunnison, Hinsdale, Jefferson, Lake, Ouray, Park, 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.

1901	27,679,443	18,492,563	11,095,538	7,872,529	1,814,712	148,111,020	6,368,772	26,843,731	1,100,598	47,559,058
1902	28,616,914	15,911,523	8,449,008	8,468,938	1,163,960	106,296,827	4,388,169	82,582,510	2,523,263	44,980,655
1903	21,605,357	13,245,438	7,152,358	7,809,920	1,069,958	101,513,414	4,268,566	33,444,680	4,332,668	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	3,405,379	40,992,879
1905	25,295,222	12,839,435	7,527,056	9,661,546	1,507,201	115,746,777	5,440,098	83,561,396	4,930,123	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	49,899,199
1907	20,307,648	11,599,514	7,655,679	8,826,254	1,765,251	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	1,346,547	81,645,671	2,589,118	80,130,002	3,718,573	37,718,573
1909	21,984,008	8,904,701	4,630,444	10,916,191	1,419,105	72,162,326	3,102,980	51,210,260	2,765,354	33,901,891
1910	20,505,614	8,508,942	4,594,829	8,359,307	1,061,632	76,058,775	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	1,008,061	69,679,289	3,135,568	94,607,456	5,922,625	82,418,218
1912	18,888,562	8,212,070	5,050,423	7,107,303	1,172,705	75,242,267	3,385,902	132,222,812	9,123,374	97,320,966
1913	18,146,916	9,825,955	5,632,454	7,227,826	1,120,313	87,897,773	3,867,502	119,346,429	6,633,400	35,450,585
1914	19,883,105	8,796,065	4,864,224	6,639,173	883,010	74,211,898	2,894,264	96,771,960	4,935,523	33,460,126
1915	22,414,944	7,027,972	3,563,182	7,112,537	1,244,694	68,810,597	3,234,098	104,591,994	12,969,779	48,326,697
1916	19,153,821	7,656,544	5,088,006	8,624,081	2,121,529	70,914,087	4,899,072	131,285,463	17,994,252	49,200,675
1917	15,729,224	7,304,353	6,018,787	8,122,004	2,217,307	67,990,012	5,847,141	120,318,775	12,272,209	42,084,663
1918	12,751,718	7,063,554	7,063,554	6,277,332	1,550,501	65,960,760	4,688,214	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	31,220,498	2,717,096	21,679,614
1920	7,576,319	5,409,835	5,896,175	4,043,734	744,047	46,629,788	3,730,383	48,790,742	3,952,050	21,899,374
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	455,416	23,477,200	1,291,246	25,258,000	1,325,766	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	47,557,061	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	935,191	62,966,000	5,478,042	61,621,000	4,683,196	20,851,267
1926	7,078,033	4,704,122	2,985,372	3,403,850	476,530	68,987,800	5,519,024	65,000,000	4,875,000	20,883,968
1927	5,279,118	3,784,605	2,145,871	742,846	1,742,846	66,772,557	4,206,671	71,729,000	4,500,656	16,965,162
1928	5,304,576	4,052,953	2,370,568	8,594,646	1,227,629	53,601,723	3,109,100	71,465,000	4,359,182	16,375,365
1929	4,417,858	4,397,377	2,343,802	8,905,074	1,567,233	48,869,906	3,080,064	58,861,000	3,884,826	19,293,343
1930	4,517,619	4,382,852	1,687,398	10,514,000	1,366,820	44,260,000	2,213,000	72,518,000	3,480,864	13,265,701
Totals	\$715,479,032	657,931,919	\$518,525,200	305,240,430	\$46,409,315	4,593,572,583	\$217,066,644	2,197,752,985	\$156,777,382	\$1,653,257,574

Note—1931 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 1930

Period	County	GOLD		SILVER		COPPER		LEAD		ZINC		Total, Gold, Silver, Copper, Lead and Zinc Value
		Value	Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	
1922-1930	Adams	\$ 21,470	154	\$	91							\$ 21,561
1928	Alamosa	11										11
1868-1930	Arapahoe	8,251	101		64							8,315
1897-1904	Archuleta	1,489	505		302							1,791
1900-1917	Baca	292	356		226							4,959
1859-1930	Boulder	16,382,700	8,227,008	7,715,323	21,511	\$ 4,441	\$ 150,014	7,214,963	\$ 399,496			24,647,533
1859-1930	Chaffee	7,416,773	5,244,775	4,248,750	9,666,962	1,730,319	1,730,319	131,066,764	5,790,052			21,697,719
1859-1930	Clear Creek	23,021,162	58,722,611	52,928,159	12,057,161	1,947,912	1,947,912	181,089,219	8,317,797			88,502,802
1861-1906	Conejos	38,445	55,823	33,278	4,815	797	797	3,400	149			72,659
1875-1929	Costilla	43,569	2,726	1,598	1,827	239	239	50,048	1,802			47,208
1872-1929	Custer	2,189,664	4,578,537	4,570,122	567,125	106,940	106,940	39,715,009	1,997,817			8,879,330
1894-1910	Delta	4,273	306		176							4,449
1929	Denver	115										115
1879-1930	Dolores	2,036,635	12,696,697	9,775,758	8,064,339	1,415,626	1,415,626	72,404,485	3,974,965			20,232,739
1858-1928	Douglas	4,981	161		128							5,109
1879-1930	Eagle	3,271,654	10,928,995	8,137,272	17,621,373	2,601,865	2,601,865	108,284,592	5,304,094			38,977,415
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	120,562	691,477	29,243			424,988
1885-1927	Garfield	16,935	722		437	1,044	153	10,142	639			18,164
1859-1930	Gilpin	84,630,142	10,668,511	8,631,502	25,688,887	4,209,633	4,209,633	36,514,280	1,632,042			99,136,114
1896-1925	Grand	13,186	4,656		3,538	5,171	805	4,345	248			17,777
1861-1930	Gunnison	2,297,296	5,608,800	5,014,765	1,091,565	187,511	187,511	49,561,769	2,474,492			12,123,037
1875-1929	Hinsdale	1,459,279	5,736,350	4,645,172	2,906,838	409,419	409,419	98,296,199	4,073,481			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	3,847	3,847	10,863	398			70,772

1850-1931	Lake	59,808,070	284,410,008	191,725,530	101,576,281	14,543,823	2,015,276,847	91,709,037	1,377,052,034	94,447,368	446,233,628
1925-1931	La Plata	225,924	1,444,003	82,163	97	14	136,600	8,331	---	---	316,452
1878-1924	La Plata-Montezuma	3,612,156	1,766,360	1,137,638	278,979	45,087	260,093	12,185	---	---	4,807,066
1895-1917	Larimer-Jackson	24,304	2,502	1,735	235,328	38,647	---	---	---	1,659	66,345
1887-1899	Las Animas	2,094	20	15	---	---	---	---	30,722	---	2,109
1885-1928	Mesa	5,040	5,044	3,033	37,375	5,512	20	1	---	---	13,586
1891-1930	Mineral	2,731,645	47,529,941	30,932,303	275,038	44,187	190,542,449	8,873,457	27,662,407	1,518,005	44,099,597
1924-1930	Moffat	1,119	127	60	26,000	4,162	---	---	---	---	5,341
1929	Montezuma	151	---	---	---	---	---	---	---	---	151
1886-1930	Montrose	48,389	212,958	137,345	532,592	93,899	64	3	---	---	279,636
1878-1930	Ouray	36,051,144	42,214,992	32,543,211	23,556,530	3,396,697	164,165,498	7,297,625	1,500,650	122,786	79,411,413
1850-1930	Park	11,618,598	7,028,502	6,954,470	2,108,888	396,583	42,006,625	1,888,336	2,993,532	196,964	21,054,951
1880-1930	Pitkin	578,133	98,646,546	73,976,431	1,128,463	197,445	579,603,279	26,806,734	19,127,002	1,222,195	102,750,936
1894-1901	Pueblo	793	90	55	210	35	---	---	---	---	882
1870-1930	Rio Grande	2,899,087	184,082	174,565	129,397	20,807	109,847	6,133	---	---	3,100,592
1866-1922	Routt-Moffat	388,865	28,941	19,696	78,570	16,704	139,536	5,205	---	---	430,417
1880-1930	Saguache	349,624	5,128,825	3,378,760	13,902,054	2,065,369	34,060,256	2,062,110	3,085,548	215,762	8,071,625
1873-1930	San Juan	25,395,726	94,512,099	23,769,385	62,828,513	9,551,151	444,047,095	24,210,774	205,387,684	14,118,831	97,045,867
1875-1930	San Miguel	65,430,343	47,745,134	34,749,390	18,051,570	2,929,552	223,326,702	12,447,650	19,545,182	1,418,619	116,975,554
1859-1930	Summit	19,917,398	13,883,411	11,904,495	1,174,743	167,867	165,888,438	7,742,262	158,191,160	12,648,578	52,380,600
1891-1930	Teller	349,376,118	1,908,083	1,236,048	451	83	612	49	---	---	350,612,298
1888	Miscellaneous	8,785	1,214	1,141	---	---	---	---	---	---	9,926
	Totals	\$715,479,032	657,931,919	\$518,525,201	305,240,420	\$46,409,316	4,593,572,583	\$217,066,645	2,197,752,985	\$155,777,382	\$1,653,257,576

MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO IN 1930, 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.		GOLD Value	SILVER		COPPER		LEAD		ZINC		Total Value
	Placer	Lode		Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	
Adams	2	---	\$ 2,125	13	5	---	---	---	---	---	---	\$ 2,130
Arapahoe	1	---	104	---	---	---	---	---	---	---	---	104
Boulder	36	36	16,516	3,304	1,272	---	4,900	\$ 245	---	---	---	18,033
Chaffee	3	5	1,574	1,348	519	1,500	44,000	2,200	2,200	---	---	4,488
Clear Creek	47	47	102,141	38,556	14,844	23,000	184,500	2,990	9,225	21,000	\$ 1,008	130,203
Dolores	13	13	8,605	82,678	31,831	309,000	1,355,200	40,170	67,760	1,190,000	---	205,485
Eagle	4	4	117,133	1,620,574	623,921	5,849,000	5,642,000	760,370	282,100	28,544,000	1,370,112	3,153,636
Gilpin	6	31	139,710	21,696	8,353	90,300	94,300	11,739	4,715	7,000	336	164,853
Gunnison	6	6	16,743	2,265	872	---	35,600	---	1,780	41,000	1,968	21,363
Lake	42	42	104,276	616,800	237,468	252,000	13,626,000	32,760	681,300	23,038,000	1,105,824	2,161,628
La Plata	12	12	8,482	2,969	1,143	---	600	---	30	---	---	9,655
Mineral	5	5	2,364	396,044	152,477	---	---	---	7,430	---	---	162,271
Moffat	1	1	7	52	20	9,000	---	1,170	---	---	---	1,197
Montrose	1	1	32	---	---	---	---	---	---	---	---	32
Ouray	8	8	149,384	18,122	6,977	26,000	171,000	3,350	8,550	---	---	168,291
Park	1	7	452,142	11,709	4,508	8,106	328,800	1,053	16,440	---	---	474,143
Pitkin	7	7	98	65,522	25,226	---	795,000	---	39,750	---	---	65,074
Rio Grande	2	2	8,690	239	92	---	1,500	---	75	---	---	8,757
Saguache	8	3	11,373	333,722	128,433	1,234,000	160,420	160,420	117,150	---	---	417,426
San Juan	12	12	661,376	1,067,496	410,936	2,678,000	348,140	3,483	839,430	19,677,000	944,496	3,954,428
San Miguel	12	12	45,506	87,556	33,709	34,100	1,637,800	4,433	81,890	---	---	165,838
Summit	7	5	137,306	3,496	1,346	---	58,600	---	2,930	---	---	141,582
Teller	63	63	2,532,032	8,691	3,346	---	---	---	---	---	---	2,535,378
Total, 1930	21	313	\$4,517,619	†4,332,852	†1,657,398	10,514,000	\$1,366,820	44,260,000	\$2,213,000	72,518,000	\$3,480,864	\$13,265,701
Total, 1929	13	290	3,003,377	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

*Placer gold, \$138,243. †Placer silver, 1,657 ounces.

GOLD, SILVER, COPPER, LEAD AND ZINC MINED IN COLORADO IN 1931*, 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† Value	SILVER†		COPPER		LEAD		ZINC		Total Value
		Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	
Adams	\$ 1,716	13	\$ 4							\$ 1,720
Arapahoe	227									227
Boulder	31,070	3,302	958			17,000	\$ 646			32,674
Chaffee	2,419	53	15							2,434
Clear Creek	76,817	23,669	6,864	9,000	\$ 747		3,724			88,152
Custer	661	409	119			15,000	570			1,350
Denver	496	2	1							497
Dolores	124	770	223			16,000	608			965
Douglas	331									331
Engle	72,372	1,394,956	404,537	6,315,000	524,145	6,684,000	253,992	26,182,000	\$ 994,916	2,240,962
Esprit	11									11
Gilpin	329,116	20,483	5,940	100,000	8,300	63,000	2,394			345,750
Gunnison	9,137	2,963	859			26,000	988			10,984
Hinsdale	269	200	58							327
Jefferson	41									41
Lake	128,724	90,310	26,190	34,000	2,822	3,914,000	148,732	5,793,000	220,134	526,602
La Plata	10,398	1,882	546							10,944
Moffat	269	1								269
Montezuma	496	180	52							548
Ouray	200,579	42,293	12,265	68,000	5,644	382,000	14,516			233,001
Park	770,377	23,987	6,942			695,000	26,410			803,729
Pitkin	1,778	30,738	8,914			257,000	9,766			20,458
Rio Grande	1,116	87	25							1,141
Routt	103									103
Sacramento	517	2,812	815	8,000	664	74,000	2,812			4,808
San Juan	665,716	414,298	120,146	1,180,000	97,940	1,009,000	38,342			922,144
San Miguel	47,421	9,234	2,692	5,000	415	179,000	6,802			57,330
Summit	19,556	3,944	1,145	3,000	241	28,000	1,054			22,014
Teller	2,394,591	8,005	2,321							2,396,822
Total, 1931†	\$4,766,388	2,074,591	\$ 601,631	7,722,000	\$ 640,926	13,457,000	\$ 511,366	31,975,000	\$1,215,050	\$7,735,361
Total, 1930‡	4,516,196	4,290,587	1,651,876	9,787,000	1,272,310	45,535,000	2,276,750	72,557,000	3,482,736	13,199,868
Increase or decrease from 1930	+\$250,192	-2,215,996	-\$1,050,245	-2,065,000	-\$631,384	-32,078,000	-\$1,765,384	-40,582,000	-\$2,267,686	-\$5,464,507

*Actual 11 months figures, with estimate for December. †Includes placer production. ‡Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.29 per ounce; copper, \$0.083 per pound; lead, \$0.038 per pound; zinc, \$0.038 per pound. §Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.385 per ounce; copper, \$0.13 per pound; lead, \$0.05 per pound; zinc, \$0.048 per pound.

COAL

The annual output of coal in Colorado exceeds in volume and value that of any other product of the mines. Since 1914 the volume has ranged from a maximum of 12,658,055 tons in 1918 to a minimum of 6,604,063 tons in 1931, and the value from a maximum of \$42,829,000 in 1920, to a minimum of \$13,599,264 in 1915. The value of all coal produced in the state from the beginning of the industry down to the end of 1931 is estimated at \$729,816,680, which compares with \$720,245,420, total value of all gold produced in the state in the same period. Gold held first place in total value of output up to 1931, in which year that position was surrendered to coal.

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:

	Area 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 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 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 end-

ing 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 dis-

trict, 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 are as follows:

Summary of state coal mining industry, by years.

Colorado coal production and value, by years.

Coal production by counties in 1920, and 1926 to 1931, inclusive.

Production, value, men employed, days worked and output per man per day at Colorado coal mines in 1930, as reported by the bureau of mines of the department of commerce.

COAL PRODUCTION BY COUNTIES

(From the Report of the State Coal Mine Inspector)

COUNTY	Tons 1931	Tons 1930	Tons 1929	Tons 1928	Tons 1927	Tons 1926	Tons 1920*
Archuleta	1,106	948	408	515	414	1,106	-----
Boulder	499,133	428,051	479,643	434,995	433,661	600,849	1,230,347
Delta	60,202	70,323	72,273	68,745	87,883	69,838	123,478
Dolores	-----	6,085	11,732	8,354	9,200	5,220	-----
Elbert	3,136	2,158	3,003	4,249	3,615	3,254	-----
El Paso	345,978	345,344	361,595	352,589	349,386	352,300	379,869
Fremont	347,356	411,455	526,927	480,069	449,769	572,631	874,766
Garfield	30,447	33,841	44,430	33,498	30,654	31,292	28,507
Gunnison	404,209	498,724	521,401	460,805	555,837	566,315	620,632
Huerfano	975,397	1,374,491	1,783,744	1,800,105	1,814,629	1,967,437	2,448,733
Jackson	44,298	48,762	56,318	66,832	69,799	59,192	50,905
Jefferson	140,374	121,085	98,755	101,169	79,380	102,416	176,427
La Plata	31,662	57,011	74,464	89,701	92,215	102,998	132,497
Larimer	1,914	-----	-----	-----	-----	-----	-----
Las Animas	1,333,999	1,970,599	2,564,897	2,944,211	3,231,872	3,299,803	4,345,110
Mesa	92,679	96,337	118,567	163,861	118,495	127,096	174,801
Moffat	3,953	8,445	6,025	7,396	5,357	6,196	3,173
Montezuma	4,985	6,456	6,663	7,399	7,923	6,156	4,147
Montrose	1,143	3,470	1,278	1,354	1,346	1,091	2,105
Ouray	1,742	1,180	-----	373	250	-----	500
Park	200	-----	-----	-----	-----	-----	-----
Pitkin	10,175	14,011	18,757	16,198	2,224	3,002	913
Rio Blanco	7,947	6,304	6,771	5,942	5,042	6,175	6,068
Routt	574,211	837,801	1,006,740	928,855	921,614	917,717	966,912
San Miguel	1,504	1,433	557	1,057	1,096	1,047	-----
Weld	1,686,313	1,893,730	2,169,116	1,943,313	1,509,914	1,813,629	944,803
Total	6,604,063	8,238,094	9,934,064	9,921,585	9,781,580	10,616,760	12,514,693

*Year of peak output.

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
1931.....	6,604,063	10,015	22	2.20	300,184	318
Average ...	10,016,971	12,450	66.2	5.32	151,290	250

COLORADO COAL PRODUCTION BY YEARS

Year	Tons	Value	Year	Tons	Value
1864 to 1872...	53,700	\$ 127,400	1904	6,776,551	\$ 8,751,821
1873	69,977	139,954	1905	8,989,631	10,810,978
1874	87,372	179,740	1906	10,308,421	12,735,616
1875	98,838	197,676	1907	10,965,640	15,079,449
1876	117,666	235,332	1908	9,773,007	13,586,988
1877	160,000	320,000	1909	10,772,400	14,206,012
1878	200,630	461,417	1910	12,104,887	17,026,934
1879	322,732	726,154	1911	10,197,000	14,747,764
1880	375,000	844,100	1912	11,016,948	16,345,336
1881	706,744	1,590,178	1913	9,268,939	14,035,090
1882	1,161,479	2,388,328	1914	8,201,423	13,601,718
1883	1,220,593	2,766,584	1915	8,715,337	13,599,264
1884	1,130,024	2,542,554	1916	10,522,185	16,964,104
1885	1,398,796	3,051,589	1917	12,515,305	27,669,129
1886	1,436,211	3,215,594	1918	12,658,055	33,404,743
1887	1,791,735	3,941,817	1919	10,406,543	28,748,534
1888	2,185,477	4,808,049	1920	12,514,693	42,829,000
1889	2,400,629	3,843,992	1921	9,141,947	32,377,000
1890	3,075,781	4,344,196	1922	10,003,610	31,701,000
1891	3,512,632	4,800,000	1923	10,346,218	33,299,000
1892	3,771,234	5,685,112	1924	10,501,088	32,133,000
1893	3,947,056	5,104,602	1925	10,440,387	*30,694,738
1894	3,021,928	4,078,000	1926	10,616,760	*29,514,593
1895	3,339,495	4,519,000	1927	9,781,580	*27,192,792
1896	3,371,633	4,560,000	1928	9,921,585	*27,780,438
1897	3,565,660	4,475,000	1929	9,934,064	*26,325,269
1898	4,174,037	5,215,000	1930	8,238,094	*19,705,845
1899	4,826,939	5,363,667	1931	6,604,063	15,586,808
1900	5,495,734	5,858,036			
1901	6,021,405	6,441,891			
1902	7,522,923	8,397,812			
1903	7,775,302	9,150,943			
			Total	359,575,783	\$729,816,680

*Revised.

PRODUCTION, VALUE, MEN EMPLOYED, DAYS WORKED AND OUTPUT PER MAN PER DAY AT COAL MINES IN COLORADO IN 1930*

Note.—Information in this table is that reported by the Bureau of Mines of the United States Department of Commerce and is exclusive of product of wagon mines producing less than 1,000 tons. The statistics of the state coal mine inspector include all mines and, therefore, the two reports do not agree in detail.

COUNTY	Net Tons			Value		Number of Employees					Average Number of Days Worked Per Man Per Day		
	Loaded at Mines for Shipment	Sold to Local Trade and Used by Employes	Used at Mines for Power and Heat	Made into Coke at Mines	Total Quantity	Total	Underground			Surface		Total	
							Average Per Ton	Miners, Loaders and Shot and Firers	Haulage and Track				All Others
Boulder	261,248	144,540	23,409	-----	429,197	\$ 1,151,000	356	59	26	76	517	194	4.28
Delta	40,501	29,355	500	-----	70,356	207,000	52	1	8	23	84	131	6.42
Dolores, Montrose, and Ouray	-----	8,295	170	-----	8,465	20,000	236	3	3	3	19	164	2.72
El Paso	118,475	215,567	10,447	-----	344,989	754,000	219	32	21	48	313	257	4.29
Fremont	337,939	60,838	4,601	-----	402,978	1,523,000	622	106	97	132	857	180	2.61
Garfield	10,546	25,429	300	-----	36,275	99,000	30	5	3	9	47	189	4.09
Gunnison	461,617	7,560	30,450	-----	499,627	1,228,000	246	78	58	105	596	189	4.44
Huerfano	1,333,286	23,436	18,734	-----	1,375,456	4,088,000	2,97	1,493	204	320	2,268	168	3.60
Jefferson	99,169	21,752	2,550	-----	123,471	264,000	74	16	5	22	117	232	4.55
La Plata	25,565	20,929	31	-----	56,876	154,000	2,44	9	10	19	97	151	3.89
Las Animas	1,753,654	53,822	27,331	-----	1,945,290	4,747,000	2,171	293	231	369	3,064	165	3.84
Mesa	53,256	35,320	2,607	-----	91,183	195,000	214	10	14	21	142	176	3.63
Moffat	-----	7,637	-----	-----	7,637	18,000	236	9	1	1	12	17	3.63
Montezuma	-----	4,444	-----	-----	4,969	20,000	402	1	1	3	12	214	1.93
Rio Blanco	525	5,599	-----	-----	5,599	15,000	268	1	1	3	16	137	2.55
Routt	791,610	19,908	27,310	-----	838,828	2,819,000	728	110	123	257	1,218	100	76.89
Weld	1,662,093	199,944	29,002	-----	1,891,099	4,014,000	1,108	150	145	155	1,618	184	6.36
Other counties (Elbert, Jackson and Pitkin)	54,926	7,072	2,617	-----	64,615	159,000	57	8	7	22	94	238	2.89
Total 1930	7,004,510	891,447	180,119	120,834	8,196,910	\$21,485,000	7,411	1,134	958	1,588	11,091	169	4.38
Total 1929	8,664,817	824,049	183,746	248,129	9,920,741	26,254,000	7,981	1,227	1,226	1,623	12,057	187	4.40

*The figures relate only to active mines of commercial size that produced coal in 1930. The number of such mines in Colorado was 218 in 1930; 274 in 1929; and 215 in 1928.

Methods of mining in 1930: The tonnage by hand was 2,623,860; shot off the solid, 858,869; cut by machines, 4,681,537; not specified, 32,644. Size classes of commercial mines in 1930: There were 8 mines in Class 1 B (200,000 to 500,000 tons) producing 25.8 per cent of the tonnage; 21 in Class 2 (100,000 to 200,000 tons) with 37.2 per cent; 20 in Class 3 (50,000 to 100,000 tons) with 16.9 per cent; 40 in Class 4 (10,000 to 50,000 tons) with 13.5 per cent; and 129 in Class 5 (less than 10,000 tons) producing 3.6 per cent.

†In this county certain mines have in recent times followed the practice of reducing their forces in periods of dull market and of working every day underground when the tippie works only one, two, or three days a week. As the figures of days worked represent tippie time, the result is not comparable with the returns for other counties, and the average for the State is affected also.

COKE PRODUCTION

The production of coke in Colorado in the calendar year of 1931 as reported by the state coal mine inspector was 264,269 tons, a decrease of 194,174 tons compared with the output in 1930, and of 848,180 tons compared with 1917, when the maximum in output was established. There were 266 coke ovens operated during the year, employing an average of 76 men, and 439,189 tons of coal were made into coke.

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		945,957	644,481
1926	600	1,324,465	792,517
1927	492	1,332,038	790,573
1928	493	1,265,105	750,022
1929	562	1,103,308	722,072
1930	295	687,800	458,443
1931	266	439,189	264,269

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. The state is so rich in beautifully colored and marked building and decorative stones that if its resources are properly developed, according to competent authorities, it will, in time, be the stone and marble center of the United States. Building stones in Colorado are divided into five general classes by Justin H. Haynes, consulting engineer, of Denver. These are the granites, marbles, limestones, sandstones and lavas. In addition, there are special stones, due to some

particular characteristic or specified method of formation. Among these are travertine, which formerly was classed by some as a marble and by others as a limestone; dolomites and olivines.

Colorado is rich in the decorative marbles and particularly so in the vicinity of Salida, Cotopaxi and Wet Mountain valley. Very little work has been done on them and many are open to location.

Granites are found widely scattered throughout the state, notably at Lyons, Gunnison, Silver Plume, Salida, Cotopaxi and Platte canyon.

Sandstones are found on the sedimentary uplifts on both sides of the main range, from north to south. The principal quarries have been at Lyons, Colorado Springs, Glenwood Springs and Stone City.

Lavas are not so abundant but commercial quarries have been operated at Castle Rock and Del Norte.

Limestones occur mostly in Colorado as a sedimentary deposit on both sides of the main range. Some of the limestone quarries are along the Arkansas river between Pueblo and Salida, and in the vicinity of Colorado Springs and Fort Collins.

The limestones have in all cases been quarried for their lime content and not as building stone and, therefore, must be eliminated from the building stones unless deposits are found that are free from fracture and capable of being cut into large blocks.

Travertine, which was used largely in building ancient Rome, the Colosseum being the outstanding example, is found in Colorado in several deposits. The best known and the only one that has been worked to any appreciable extent is located about six miles southeast of Salida. It is from this deposit that the stone for the interior of the new Denver municipal building was obtained. There are numerous installations of Colorado travertine in the United States, among these being the Sunnyside mausoleum in Long Beach, California, and the department of commerce building in Washington, D. C. Colorado travertine has been specified for about 12 government buildings to be erected in 1932 and 1933. Marble from quarries near the town of Marble was used in the construction of the Lincoln memorial in the nation's capital, New York City's municipal building and structures in other large cities.

The value of stone sold or used by producers in the years named as re-

ported 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	1,111,383
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.

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 employed 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.

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 little 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 Sklovdski, 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.

PETROLEUM

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. Cassedy, a pioneer in the Pennsylvania fields. This well came in as a producer at 50 feet and was located on Oil creek, six miles north of Canon City, near an oil spring, in what is now Fremont county, in the south-central part of the state, but what was then a part of Colorado territory. When it is recalled that the first well sunk for oil to come in as a producer in this country was drilled near Titusville, Pa., by Col. E. L. Drake, founder of the petroleum industry, in August, 1859, it will be seen that Colorado's oil development began when the business was in its infancy.

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 11 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. Three producing wells had been completed in this pool up to the beginning of 1932 and three other tests drilled defined the productive area on the west and south, but

the possibilities to the north and east of the producers have not been determined.

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 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
1930.....	240	19.7

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, 8.4 barrels in 1929, and 7.5 barrels in 1930. 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 and 1930.

The total production of crude oil in Colorado from 1862 to 1931, inclusive, a period of 70 years, was 27,544,538 barrels, with a value of \$28,195,659. An accompanying chart shows the trend of production and values by years. 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

PRODUCTION OF CRUDE OIL IN COLORADO

Year	Barrels	Value
1906	328,000	262,675
1907	332,000	272,813
1908	380,000	346,403
1909	311,000	317,712
1910	240,000	243,402
1911	227,000	228,104
1912	206,000	199,661
1913	189,000	174,779
1914	223,000	200,894
1915	208,000	208,474
1916	197,000	217,139
1917	121,000	128,100
1918	143,000	188,472
1919	121,000	183,000
1920	111,000	199,000
1921	108,000	132,000
1922	97,000	114,000
1923	86,000	129,000
1924	445,000	667,500
1925	1,211,702	1,817,553
1926	2,692,892	4,577,916
1927	2,722,670	2,611,058
1928	2,750,060	2,655,670
1929	2,273,723	2,120,425
1930	1,627,987	1,242,257
1931	1,550,504	873,885
Total	27,544,538	\$28,195,659

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.

PRODUCING OIL POOLS IN JANUARY, 1932

POOL	County	Date Opened	Av. Gr. of Oil	Depth to Sands (feet)	Producing Formations	No. Wells Jan. 1, 1930	Av. Daily Production Jan., 1932
Fort Collins	Larimer	1924	37.5	4,550	Dakota	13	190
Wellington	Larimer	1923	33.5	4,400	Dakota	22	840
Moffat	Moffat	1924	41.6 38.0	3,800 4,200 4,400	Dakota Morrison Sundance	12	780
Iles	Moffat	1927	32.5	3,200 3,400	Morrison Sundance	17	858
Florence-Canon City	Fremont	1887 1926	31.0	1,000 to 2,300	Pierre shale	105	318
Walden	Jackson	1926	54.0	5,100	Dakota	1	*
Tow Creek	Routt	1924	36.0	2,500 to 3,100	Shale above Dakota	15	295
Rangely	Rio Blanco	1902	52.0	600	Mancos shale	4	20
Boulder	Boulder	1901	38.6	2,500	Shale	7	20
Berthoud	Larimer	1925	40.0	3,750	Dakota	3	38
Greasewood	Weld	1930	42.0	6,650	Dakota (?)	3	615
Mancos Creek	Montezuma	1927	---	350	Mancos shale	11	3
Total						213	3,977

*Shut in.

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	852,612	2,519
1928-----	58	2	70	180	8,949	154.3	347,831	2,676
1929-----	28	5	57	90	3,668	131.0	204,108	2,266
1930-----	16	10	31	57	1,752	109.5	152,839	2,681
1931-----	8	4	19	31	2,240	280.0	76,963	2,483

WELLS COMPLETED OR ABANDONED IN 1931
(Wells completed in 1930 are listed in the 1931 Year Book)

Well Number and County	Location	Operator	Result	Depth (Feet)
ARCHULETA:				
Brooks No. 1-----	2-32N-2E	Standard Oil Co. of Colo.	Abandoned	81
BACA:				
Boice Cattle No. 1-----	50-34S-42	A. R. Jones Oil & Oper. Co.	Abandoned	4,965
BOULDER:				
Blair-Winter No. 1-----	25-3N-71	Independent Oil & Ref. Co.	Abandoned	200
FREMONT:				
Hassler No. 6-----	21-20-69	Thomas A. Davis	Producer	2,700
Travis No. 24-----	28-20-69	Vogel-Raddatz Corp.	Producer	2,160
Griffith No. 2-----	5-20-69	M. L. Eno	Abandoned	1,470
LA PLATA:				
Sanchez No. 1-----	27-33-12	McGarr Pet. Co.	Producer	3,320
LARIMER:				
Hall No. 1-----	20-4N-69	Standard Oil Co. of Colo.	Gas	730
Hertha No. 1-----	21-4N-69	Standard Oil Co. of Colo.	Producer	3,792
Red Rock No. 1-----	20-4N-69	Raddatz Corp.	Abandoned	1,000
Maxwell No. 1-----	25-8N-70	Consolidated Drilling Co.	Abandoned	400
MESA:				
Hoel No. 1-----	23-8S-104	Argo Oil Co.	Abandoned	3,000
MOFFAT:				
Burton Musser No. 1-----	5-11N-97	Mountain Fuel Co.	Gas	2,152
Hannewalt No. 24-----	4-6N-92	Midwest Refining Co.	Abandoned	3,040
Parkinson No. 7-M-----	23-4N-92	Midwest Refining Co.	Producer	3,479
State No. 2-----	37-12N-100	Mountain Fuel Supply Co.	Gas	2,287
Wick No. 4-----	10-4N-91	Texas Production Co.	Producer	4,759
MONTEZUMA:				
Carr No. 2-----	33-36N-14W	Fred C. Haller	Abandoned	240
Carr No. 2A-----	33-36-14W	Fred C. Haller, et al.	Abandoned	745
Haller No. 3-----	33-36-14	Mesa Verde Ranch Co.	Abandoned	900
Haller No. 4-----	34-26-14	Fred C. Haller	Abandoned	585
Stephens No. 1-----	33-36-14W	Fred C. Haller	Gas	750
No. 1-----	7-35N-16W	G. H. Talcott, et al.	Abandoned	594
MORGAN:				
Mortier No. 1-----	2-5N-60	Prairie Oil & Gas Co.	Abandoned	6,588
State No. 1-----	16-1N-57	Indian Territory I. Oil Co.	Abandoned	5,920
Pumphrey No. 1-----	14-4N-58	Colorado Associated Oil Co.	Abandoned	6,176
PUEBLO:				
Beecher No. 1-----	7-22S-66	Kuykendall Oil Corp.	Abandoned	1,312
WELD:				
Ida Johnson No. 1-----	24-6N-61	Reiter-Foster Oil Corp.	Producer	6,678
Briggs No. 1-----	13-6N-61	Continental Oil Co.	Producer	6,675
State No. 1-----	16-6N-61	Aztec Corp.	Abandoned	100
Steele No. 1-----	14-2N-67	Eastman Oil Co.	Abandoned	165

Number of wells completed in 1931: Oil wells, 8; gas wells, 4; dry and abandoned, 19; total 31. Total footage drilled, 76,963 feet. Initial production of oil wells, 2,240 barrels per day; of gas wells, 53,248,000 cubic feet.

**COLORADO CRUDE OIL PRODUCTION IN 1931, BY FIELDS AND MONTHS,
IN BARRELS**

Month	Fort Collins	Wellington	Moffat	Iles
January	10,833	24,523	28,310	29,459
February	8,739	21,087	30,051	27,470
March	8,295	21,841	30,640	31,613
April	7,320	22,188	28,686	30,457
May	7,327	23,645	25,634	30,578
June	8,282	21,388	25,404	43,359
July	7,252	29,976	25,449	38,645
August	6,644	16,585	24,907	37,140
September	6,352	25,512	20,685	29,027
October	6,508	21,722	23,683	30,501
November	6,013	21,053	22,218	27,661
December	5,833	26,033	24,105	26,593
Totals	89,398	275,603	309,772	382,503

Month	Florence-Canon City	Tow Creek	Rangely	Berthoud
January	15,618	10,990	2,005	868
February	12,912	10,221	2,779	784
March	12,557	11,432	2,621	850
April	13,209	10,946	2,765	840
May	11,822	11,850	3,206	870
June	10,603	9,941	3,358	835
July	9,165	9,176	3,246	1,240
August	9,308	10,443	3,063	1,178
September	10,417	8,886	3,031	1,140
October	11,769	10,209	2,899	1,180
November	8,849	9,289	2,621	1,145
December	9,737	9,158	2,764	1,175
Totals	135,966	122,541	34,358	12,105

Month	Boulder	Grease-wood	Walden	Mancos	Totals
January	610	11,418	....	30	134,664
February	560	8,660	....	35	123,298
March	618	10,222	....	75	130,764
April	600	10,757	....	95	127,863
May	620	9,964	....	100	125,616
June	590	9,006	2,440	105	135,311
July	620	9,444	4,194	95	138,502
August	615	12,509	1,708	100	124,200
September	595	17,660	428	105	123,838
October	620	32,117	....	95	141,303
November	600	20,470	....	85	120,004
December	610	19,053	....	30	125,141
Totals	7,258	171,280	8,770	950	1,550,504

Note—Figures for the Boulder and Berthoud fields are estimated. Monthly distribution only for Mancos field is estimated.

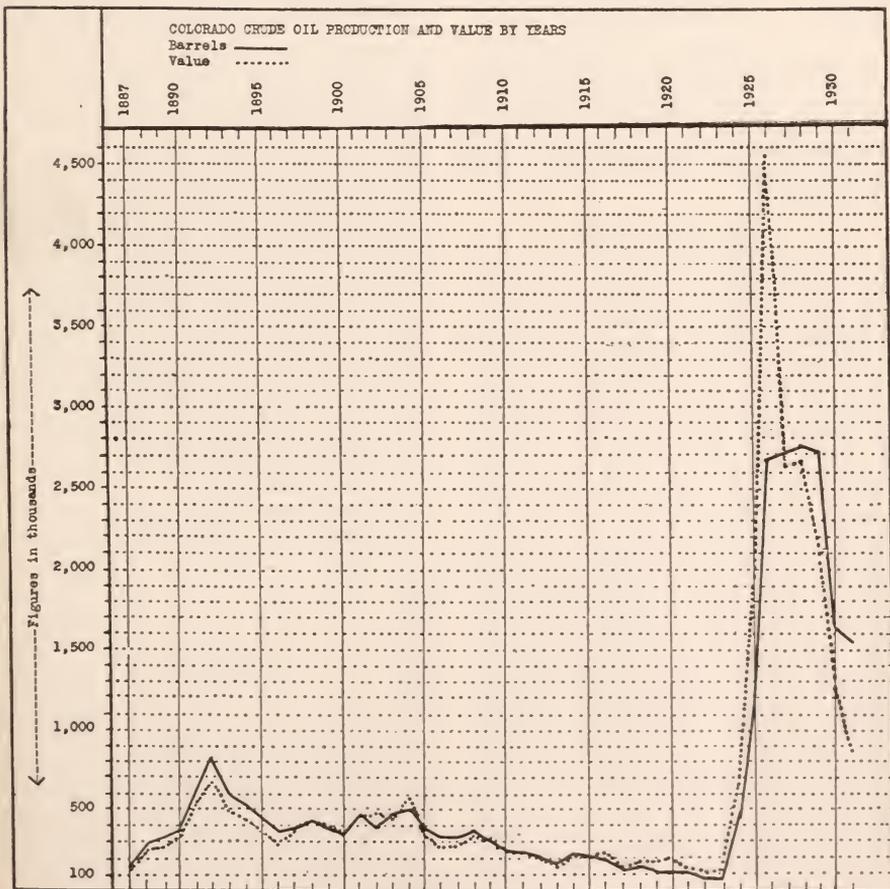
CRUDE OIL PRODUCTION BY FIELDS AND YEARS, IN BARRELS

FIELD	1931	1930	1929	1928	1927	1926
Fort Collins..	89,398	112,135	159,228	241,830	*1,161,332	466,931
Wellington..	275,603	376,595	662,998	790,210	(*)	754,044
Moffat	309,772	362,551	410,430	442,530	663,810	1,167,184
Iles	382,503	368,360	503,366	596,040	248,200	23,486
Florence-						
Canon City..	135,966	199,418	336,825	451,510	293,844	95,902
Tow Creek...	122,541	150,736	172,492	189,960	263,462	139,720
Rangely	34,358	32,850	19,090	23,800	36,500	36,500
Boulder	7,258	6,935	8,325	9,310	9,125	9,125
Walden	8,770	.....	969	4,870	46,397	.....
Berthoud	12,105	5,110	.....	.....	.....	.....
Greasewood..	171,280	13,297	.....	.....	.....	.....
Mancos	950	.....	.....	.....	.....	.....
Totals	1,550,504	1,627,987	2,273,723	2,750,060	2,722,670	2,692,892
Est. value...	\$873,885	\$1,242,257	\$2,120,425	\$2,655,670	\$2,611,058	\$4,577,916
Av. value per bbl.(a)	\$0.56	\$0.76	\$0.93	\$0.97	\$0.96	\$1.70

(*)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.



PETROLEUM INDUSTRY

Statistics showing the total number of persons engaged in the petroleum industry and all allied branches, capital invested, value of all products, etc., have never been compiled, but the following data from various sources contributes information on the subject.

The census for 1930 on gainful workers reported the following in its occupational statistics for Colorado:

Oil and gas wells, operatives.....	331
Petroleum refineries, operatives.....	36
Petroleum refineries, laborers.....	62

The census on retail distribution in Colorado in 1930 shows 1,368 filling stations in the state, which had net sales in 1929 of \$21,737,497. Of that number, 690 handled gas, oil and fuel oil and had net sales of \$10,601,593; 461 also handled tires and accessories and had net sales of \$8,881,651; and 217 also handled candy, lunch counters, tobacco, groceries or other merchandise, and had net sales of \$2,254,253.

The 1930 census of wholesale distribution reported 80 establishments handling petroleum and petroleum products, employing 288 persons and paying \$435,739 in salaries and wages and \$706,406 in other expenses. These establishments had net sales in 1929 of \$10,794,626.

NATURAL GAS

The production and use of natural gas in Colorado for domestic and industrial purposes began, as far as available records indicate, either in 1892 or in the following year, when the Florence Oil & Refining company supplied about half a dozen residences in Florence with the output of its No. 16 well in that district. Shortly thereafter two wells were drilled near Garcia in Las Animas county, which produced sufficient gas to heat and illuminate the buildings upon the ranches upon which they were located. Ten or more years later some natural gas was used for domestic purposes in and near Boulder, following the opening of that field in the early 90s, and there are a few other instances of gas being used commercially in small quantities in isolated districts. The first major natural gas discovery was made, however, on November 11, 1923, when the Union Oil company of California brought in its discovery well on the Wellington dome in Larimer county. This gas was piped first to Fort Collins and

subsequently a line was laid to Cheyenne, Wyoming.

In the year of the major discovery, 1923, the total quantity of gas produced and marketed in the state was 800,000 cubic feet, valued at the point of consumption at \$400, as reported by the United States bureau of mines. The development since then has been rapid, and in 1930 the production in the state amounted to 3,312,000,000 cubic feet. Production of natural gas in the state by years, as reported by the bureau of mines, is as follows:

	M cu. ft.
1923	800
1924	47,600
1925	574,400
1926	553,800
1927	1,725,400
1928	2,931,000
1929	2,787,000
1930	3,312,000

The principal areas in which gas is produced and marketed commercially are the Hiawatha district in northern Moffat county, the Wellington and Berthoud districts in Larimer county, and, beginning with 1932, the Craig district in Moffat county. Gas in large quantities has been discovered on the Rangely, Piceance Creek and White River domes in Rio Blanco county; on the Thornburg dome in Moffat county, and in smaller quantities in several other districts, but the wells are shut in and the product is not being marketed. Helium gas was developed and refined for commercial purposes on the Model dome in Las Animas county for several years, until the government began producing helium in its own refinery. Carbon dioxide gas has been found in very large quantities on the McCallum dome in Jackson county, but experiments made to separate this gas from crude oil and use it in the manufacture of "dry" ice so far have not been successful.

Consumption of natural gas by years, as reported by the bureau of mines, is as follows:

	M cu. ft.
1923	800
1924	47,600
1925	574,400
1926	503,800
1927	1,544,000
1928	6,347,000
1929	14,362,000
1930	16,642,000

In 1930 Colorado exported 439,000,000 cubic feet into Wyoming and 1,287,000,000 cubic feet through Wyoming into Utah. In the same year Colorado imported from New Mexico 142,000,000 cubic feet and through New

Mexico from Texas 14,914,000,000 cubic feet. The value of gas produced in Colorado in 1930 was \$80,000 at the well and \$958,000 at the point of consumption. The value of gas consumed, including receipts from other states, was \$5,445,000, of which \$3,905,000 was from domestic and commercial consumers and \$1,540,000 was from industrial consumers. A table published herewith gives production, consumption, total and average values, and distribution by years.

The Colorado Interstate Gas company and associated interests completed in 1928 a 340-mile pipe line from the Amarillo field in Texas to Denver. This line directly and indirectly serves the steel mills at Pueblo and the cities of Denver, Colorado Springs and Pueblo. Since its completion it has been extended eastward to supply La Junta, Rocky Ford, Swink and other towns in the Arkansas valley, and westward to supply industrial plants and communities in Fremont county. The Colorado-Wyoming Gas company

constructed in 1929 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 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.

NATURAL GAS PRODUCTION AND CONSUMPTION IN COLORADO
(From Reports of the U. S. Bureau of Mines)

	1930	1929	1928	1927
Quantity produced and delivered to consumers, including deliveries in other states, M cubic feet.....	3,312,000	2,787,000	2,931,000	1,725,400
Estimated value at the wells:				
Total	\$ 80,000	\$ 71,000	\$ 293,000	\$ 173,000
Average per M cu. ft. (cts.).....	2.4	2.5	10.0	10.0
Value at points of consumption:				
Total	\$ 958,000	\$ 675,000	\$ 786,000	\$ 290,000
Average per M cu. ft. (cts.).....	28.9	24.2	26.8	16.8
Consumed, including receipts from other states:				
Quantity, M cubic feet.....	16,642,000	14,362,000	6,347,000	1,544,000
Value at point of consumption:				
Total	\$5,445,000	\$4,539,000	\$1,847,000	\$ 277,000
Average per M cu. ft. (cts.).....	32.7	31.6	29.1	17.9
Distribution of consumption:				
Domestic, including commercial:				
Number consumers.....	86,640	77,150	69,030	2,050
Quantity consumed, M cu. ft. . .	5,141,000	2,731,000	629,000	179,000
Value at point of consumption:				
Total	\$3,905,000	\$2,524,000	\$ 697,000	\$ 105,000
Average per M cu ft. (cts.)...	76.0	92.4	110.8	58.7
Industrial consumption:				
M cu. ft. consumed.....	11,501,000	11,631,000	5,718,000	1,365,000
Value at point of consumption:				
Total	\$1,540,000	\$2,015,000	\$1,150,000	\$ 172,000
Average per M cu. ft. (cts.)...	13.4	17.3	20.1	12.6
Domestic (household) consumption only:*				
Quantity consumed, M cu. ft. . .	3,775,000***
Value at point of consumption:				
Total	\$3,221,000***
Average per M cu. ft. (cts.)...	85.3***

*Domestic and commercial not separately reported prior to 1930.

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 produc-

ing 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.

NATURAL GASOLINE PLANTS

Colorado had three natural gasoline plants for the recovery of gasoline from natural gas on January 1, 1932, of which two were in active operation and one was shut down. All three plants are of the absorption type and have a capacity for recovering 12,000 gallons of gasoline per day.

PETROLEUM REFINERIES

There are six petroleum refineries and several small skimming plants in Colorado. The largest is at Florence and is owned by the Continental Oil company. It has a daily charging capacity of 3,000 barrels of crude oil and recovers gasoline, kerosene, gas, fuel oil, lubricating oil, wax and other products. Included with the equipment is a unit of Burton cracking stills with a capacity of 1,500 barrels daily. The cracking unit is owned by the Standard Oil Co. of Indiana. The same company placed in operation in 1930 a new refinery at Denver with a charging capacity of 1,500 barrels of crude oil per day and a Cross cracking unit of 800-barrel capacity. The Texas company operates a complete plant at Craig, in Moffat county, with a daily charging capacity of 1,500 barrels and a Holmes-Manley cracking unit with a capacity of 1,000 barrels daily. The Mountain States Refining company has under construction at Denver a plant with a charging capacity of 1,000 barrels per day, which will recover gasoline, kerosene and fuel oil. The Mountain States Refining company operates a 200-barrel skimming plant at Orchard, in Weld county, and the Raven Oil & Refining company has a 100-barrel plant at Rangely, in Rio Blanco county, which runs crude oil from shallow wells in the Rangely oil field. There are several small skimming plants of lesser capacity than those named, operated at Berthoud, Boulder and in Montezuma county.

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	1930	1929	1928	1927	1926
Railroads	40,576	19,065	17,900	19,883	11,107
Gas and electric power plants.....	10,957	24,467	60,420	83,270	94,241
Smelters and mines.....	388	18,115	16,493	62,928	9,419
Steel mills and foundries.....	2,020	53,310	276,014	443,425	146,559
Automotive industries.....	582	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.....	771	28,327	41,680	50,093	49,429
Commercial heating.....	41,385	4,934	754	35,847	.....
Domestic heating.....	95,331	73,803	9,435	2,500	2,157
Food industries.....	2,067	53,083	28,876	30,871	.....
Other manufacturing.....	1,697	5,984	3,538	2,539	7,093
Used as fuel by oil companies.....	159,865	147,800	125,205	89,252	80,869
Miscellaneous	12,144	11,543	4,380	63,019	12,778
Totals	367,783	445,959	585,615	884,008	420,470

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. Comparative figures for 1930 have not as yet been released by the bureau of the census.

The enrollment in the schools, colleges and universities of the state in the school year of 1930-1931 was 286,164, or 27.6 per cent of the entire population of the state, an increase of 8,521, or 3.1 per cent, compared with 1929-1930. 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 showed a small gain in males over females in the school year of 1930-1931, the total number of males being 3,998 larger than the number of females. 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 1930-1931 was as follows:

	Male	Female	Total
Public schools....	132,415	128,220	260,635
State controlled colleges and universities	4,610	3,423	8,033
Privately controlled colleges and universities	2,214	2,535	4,749
Parochial, etc....	5,842	6,905	12,747
Total	145,081	141,083	286,164

Total enrollment by years was as follows:

	Male	Female	Total
1924-1925 .....	.....*	.....*	266,938
1925-1926 .....	.....*	.....*	278,696
1926-1927 .....	.....*	.....*	274,637
1927-1928	138,873	136,354	275,227
1928-1929	139,268	141,089	280,357
1929-1930	140,167	137,476	277,643
1930-1931	145,081	141,083	286,164

*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 1931, in which there were enrolled 9,099 students, of whom 2,672 were males and 6,427 were females. This was equal to 69.9 per cent of the total enrollment in the preceding regular school year. The total summer school enrollment of these institutions by years was as follows:

1928	8,522
1929	8,680
1930	8,825
1931	9,099

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 \$90,333,585. This total is compiled on the following basis:

Public schools (1931).....	\$63,615,456
State universities and colleges (1930)	16,052,420
County high schools.....	1,695,336
Private universities and col- leges (1928).....	*5,479,373
Private high schools and academies (1930).....	3,491,000
Total	\$90,333,585

*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 1931 amounted to \$26,172,932 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 11,370 instructors and teachers employed during the regular school year of 1930-1931, of whom 2,523 were men and 8,847 were women. These are exclusive of instructors and teachers employed in the summer schools. The figures by classes for 1930-1931 are as follows:

	Male	Female	Total
Public schools	1,779	8,081	9,860
State colleges and universities	441	180	621
Private colleges and universities	222	129	351
Parochial	81	457	538
Total	2,523	8,847	11,370

The total number of instructors and teachers, by year, is as follows:

	Male	Female	Total
1925-26	2,469	8,565	11,034
1927-28	2,379	8,660	11,039
1928-29	2,377	8,616	10,993
1929-30	2,338	8,832	11,170
1930-31	2,523	8,847	11,370

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 2,033 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 re-

cent 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
1931.....	2,033	3,300	3,199

*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 1931, as reported by the state superintendent of public instruction, was \$63,615,456, of which \$5,820,296 was in land, \$51,177,335 in buildings and \$6,617,825 in equipment.

The valuation placed upon school property by years and amount invested per pupil enrolled was as follows:

Year	Valuation	
	Total	Per Pupil
1922.....	\$33,518,134	.....
1924.....	43,100,821	.....
1925.....	48,803,695	\$284.48
1926.....	54,643,685	218.63
1927.....	56,232,651	259.72
1928.....	59,738,453	237.88
1929.....	60,656,164	236.80
1930.....	62,147,540	246.00
1931.....	63,615,456	244.08

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
1931.....	260,635	7,917

*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, 1932.

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
1931.....	133.80	177.12

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

Total receipts from all sources for the fiscal year of 1931 amounted to \$28,929,241.

Disbursements for the year ending June 30, 1930, 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

Total disbursements for the fiscal year of 1931 amounted to \$26,172,932.

Receipts, including balances on hand at the beginning of the fiscal year, and disbursements, by years, were as follows:

Year	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
1931.....	28,929,241	26,172,932

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	1879
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 largely 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 1930-1931, by sex, was as follows:

Name	Male	Female	Total
University of Colorado	2,245	1,205	3,450
Agricultural college	1,055	447	1,502
School of Mines	503	...	503
Western State college	163	207	370
State Normal	57	148	205
Teachers college	529	1,365	1,894
Fort Lewis School	58	51	109
Colorado college	349	298	647
Regis college	193	82	275
Colorado Woman's college	...	265	265
University of Denver	1,562	1,758	3,320
Loretto Heights college	...	113	113
Iliff School of Theology	50	9	59
Westminster Law School	60	10	70
Total	6,824	5,958	12,782

PAROCHIAL SCHOOLS

The Roman Catholic educational institutions in Colorado include 48 parochial schools, four academies for girls, one special school for boys, four orphan asylums, one seminary and one industrial and reform school. Total enrollment in these institutions in the school year of 1930-1931 was 12,747, of

whom 5,842 were males and 6,905 were females. The parochial schools accounted for 11,460 of these, the academies for 369 and the orphan asylums for 626. The number of teachers employed was 528, of whom 81 were males and 447 were females. The parochial schools accounted for 407 of these, the academies for 42 and the orphan asylums for 54.

The office of education of the United States department of commerce, in its survey of education in the United States for 1928-1930, reported upon 25 private high schools and academies in the state in 1929-1930. These included not only those conducted by the Catholics, but others. The 25 institutions reporting had 65,652 bound volumes in their libraries. The value of buildings and grounds was \$3,240,000 and of scientific apparatus, furniture, etc., \$251,000.

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."

AVERAGE ANNUAL PER CAPITA COST OF EDUCATION IN PUBLIC SCHOOLS
(From Records of the State Superintendent of Public Instruction)

COUNTY	1931		1930		1929		1928		1927	
	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	Based on Enrollment	Based on Average Attendance
Adams-----	\$114.84	\$152.40	\$ 78.10	\$117.42	\$ 74.01	\$110.22	\$ 88.49	\$127.64	\$ 99.04	\$151.37
Alamosa-----	140.76	188.04	86.70	126.04	93.29	128.93	93.53	133.91	150.46	220.76
Arapahoe-----	114.00	139.56	84.82	115.69	78.56	106.00	83.00	109.32	79.27	103.67
Archuleta-----	74.88	102.72	57.62	80.31	57.58	71.14	56.45	82.75	53.72	81.10
Baca-----	123.96	165.60	83.35	117.77	84.82	116.79	62.63	93.63	70.24	97.71
Bent-----	104.16	143.40	89.77	138.54	91.76	120.14	82.58	95.15	91.11	124.88
Boulder-----	129.12	161.64	101.33	129.31	100.81	126.69	96.69	124.45	98.44	124.25
Chaffee-----	119.64	147.36	89.96	111.41	79.33	92.50	89.79	112.87	64.46	79.18
Cheyenne-----	201.60	260.40	154.19	192.55	158.64	202.09	147.51	192.58	130.04	193.02
Clear Creek-----	154.20	179.64	102.33	132.60	106.22	135.30	100.98	125.82	101.20	128.73
Conejos-----	84.72	112.32	63.88	85.13	58.71	95.76	55.41	79.29	55.09	80.04
Costilla-----	69.12	107.76	50.30	81.92	50.98	82.28	60.34	85.56	51.97	81.34
Crowley-----	148.32	169.80	127.32	153.49	103.10	143.59	102.55	142.93	89.20	132.16
Custer-----	99.60	137.64	89.87	124.51	82.40	139.13	65.11	93.19	75.23	111.32
Delta-----	90.36	115.08	91.26	117.79	87.96	114.97	75.93	107.92	79.57	110.44
Denver-----	142.20	190.92	114.23	149.09	104.37	144.40	119.72	157.20	105.15	146.27
Dolores-----	71.64	89.16	78.01	108.09	101.05	---	54.47	76.98	79.33	102.99
Douglas-----	175.32	225.60	134.19	170.48	122.20	163.20	102.81	145.36	98.92	137.44
Eagle-----	138.96	172.56	109.75	140.49	106.18	142.71	92.96	131.28	97.95	135.70
Elbert-----	160.80	195.84	123.49	151.83	122.75	153.01	110.53	139.30	100.32	120.75
El Paso-----	180.60	232.32	129.37	166.66	125.82	150.00	130.32	182.48	122.56	162.43
Fremont-----	175.56	216.72	105.90	133.93	91.82	115.10	89.11	116.21	81.80	103.78
Garfield-----	141.60	198.00	115.06	122.70	98.68	140.34	79.68	99.33	71.57	98.04
Gilpin-----	171.60	225.60	90.55	124.87	175.50	202.78	112.38	163.45	78.77	124.04
Grand-----	126.00	182.16	108.97	148.31	106.57	147.18	68.38	105.40	69.81	97.47
Gunnison-----	138.12	212.04	111.61	150.29	113.65	146.11	91.51	107.27	93.34	118.05
Hinsdale-----	171.60	216.00	104.68	120.79	103.82	112.57	88.89	101.05	84.14	106.86
Huerfano-----	92.40	128.28	85.62	126.81	68.50	102.84	61.27	100.99	67.26	101.96
Jackson-----	130.44	153.24	100.81	145.67	99.40	141.08	101.51	134.98	94.19	128.70
Jefferson-----	114.36	147.36	82.80	109.11	78.50	91.91	83.87	135.97	74.46	99.22
Kiowa-----	229.92	222.96	137.11	172.56	135.00	171.62	139.40	180.51	102.84	131.32
Kit Carson-----	146.52	212.64	124.08	155.92	106.14	137.01	107.85	136.45	103.72	133.05
Lake-----	130.32	155.28	98.02	117.75	91.76	113.08	86.81	105.42	86.89	106.19
La Plata-----	110.40	147.36	82.60	113.34	74.87	99.92	76.58	108.50	74.79	104.43
Larimer-----	127.44	160.44	102.46	134.00	97.01	125.46	95.89	125.44	88.56	158.69
Las Animas-----	108.48	140.40	26.06	39.12	80.56	110.35	66.83	93.14	74.16	85.90
Lincoln-----	156.00	185.28	126.69	145.63	114.34	128.43	127.55	152.87	108.39	132.72
Logan-----	141.36	219.00	120.91	158.89	97.59	129.46	100.91	125.28	92.33	114.68
Mesa-----	104.52	139.20	76.79	103.14	75.51	95.31	75.38	98.14	75.78	99.88
Mineral-----	151.92	186.00	125.64	169.40	98.09	126.78	65.56	69.45	68.98	77.94
Moffat-----	126.12	225.12	90.65	113.27	90.93	120.94	89.38	124.65	91.34	124.93
Montezuma-----	89.16	116.04	74.60	91.54	71.10	95.49	82.36	119.13	77.24	105.78
Montrose-----	91.20	121.80	74.20	95.42	75.15	98.12	69.10	97.81	65.95	90.21
Morgan-----	117.84	173.16	110.17	152.40	128.94	193.36	90.04	127.75	82.98	120.52
Otero-----	105.24	140.64	84.89	113.49	83.93	107.16	86.33	116.61	89.60	116.07
Ouray-----	157.32	190.44	130.89	159.07	108.88	142.35	73.29	95.29	60.43	68.26
Park-----	193.32	339.00	131.86	246.09	177.85	253.37	137.95	210.91	145.55	224.96
Phillips-----	126.60	156.00	97.04	117.20	93.72	115.53	78.99	102.04	79.05	101.75
Pitkin-----	127.20	141.24	95.91	113.53	86.31	98.95	81.03	108.31	78.17	98.54
Prowers-----	130.68	175.08	99.82	131.83	94.03	130.76	112.44	145.42	107.34	149.95
Pueblo-----	136.92	178.44	98.40	135.16	92.16	97.73	99.71	134.49	115.28	161.53
Rio Blanco-----	142.32	149.76	114.51	144.45	84.91	107.78	111.52	140.85	86.67	112.18
Rio Grande-----	139.56	197.40	114.52	136.11	86.07	114.65	103.91	153.50	112.10	157.65
Routt-----	141.00	182.40	106.08	135.06	104.73	163.69	---	---	86.78	125.38
Saguache-----	134.16	192.00	113.96	155.21	109.83	153.13	113.70	169.71	129.66	185.52
San Juan-----	128.40	174.00	110.13	116.63	167.21	214.71	172.35	218.09	139.57	173.49
San Miguel-----	174.00	218.76	158.33	198.58	91.30	118.02	86.91	117.89	77.75	97.68
Sedgwick-----	156.48	201.84	74.09	97.64	117.12	158.48	79.94	109.60	73.90	126.33
Summit-----	234.00	288.00	178.07	200.45	143.30	193.70	143.78	180.84	122.10	171.99
Teller-----	109.68	181.80	91.58	109.93	93.43	118.77	98.08	105.62	93.45	117.26
Washington-----	147.12	194.76	116.78	147.88	118.44	136.67	97.62	120.02	92.37	119.52
Weld-----	143.04	192.96	116.70	165.31	117.23	160.69	117.59	161.41	111.70	154.39
Yuma-----	148.56	145.20	101.09	125.58	101.55	127.89	72.34	93.59	70.16	88.02
State-----	\$133.80	\$177.12	\$103.73	\$137.43	\$ 98.22	\$129.36	\$101.10	\$135.82	\$ 97.44	\$135.83
*Co. H.Sc.-----	---	---	---	---	---	---	168.31	196.87	177.37	207.18
Total-----	\$133.80	\$177.12	\$103.73	\$137.43	\$ 98.22	\$129.36	\$ 99.69	\$134.24	\$ 95.67	\$133.93

*County High Schools included in county totals for 1929 and subsequent years.

VALUE OF PUBLIC SCHOOL PROPERTY, 1931, BY COUNTIES
(From Records of Superintendent of Public Instruction)

COUNTY	Buildings	Land	Equipment	Total	Per Pupil Enrolled
Adams	\$ 859,485.00	\$ 201,265.00	\$ 100,680.00	\$ 1,161,430.00	\$215.20
Alamosa	352,751.35	35,690.00	54,229.53	442,670.88	185.70
Arapahoe	874,300.00	125,164.00	108,980.45	1,108,444.45	213.75
Archuleta	156,864.25	20,278.00	29,784.62	186,926.87	196.15
Baca	342,699.00	11,924.00	48,791.10	403,414.10	118.13
Bent	329,081.77	19,940.00	47,470.00	396,491.77	150.35
Boulder	1,423,238.00	178,078.00	149,614.00	1,750,930.00	222.60
Chaffee	253,150.00	12,125.00	34,910.00	300,185.00	176.20
Cheyenne	249,500.00	16,416.50	56,895.00	322,811.50	287.25
Clear Creek	146,400.00	8,635.00	12,425.00	167,460.00	396.50
Conejos	283,650.00	10,725.00	51,000.00	345,375.00	115.00
Costilla	81,475.00	5,775.00	11,450.00	98,700.00	63.60
Crowley	393,580.00	15,875.00	36,000.00	445,455.00	272.28
Custer	60,150.00	3,770.00	11,848.95	75,768.95	167.25
Delta	630,934.00	37,705.00	71,142.95	739,781.95	169.54
Denver	16,884,048.58	2,751,993.61	1,953,866.25	21,589,908.44	337.65
Dolores					
Douglas	168,021.23	8,241.00	18,269.00	194,531.23	220.30
Eagle	156,376.00	10,665.00	43,406.00	210,447.00	200.00
Elbert	200,062.00	5,225.00	39,268.00	244,555.00	160.57
El Paso	2,725,004.93	458,747.96	340,225.20	3,523,978.09	322.03
Fremont	950,124.52	33,485.00	109,135.00	1,092,744.52	249.09
Garfield	611,375.00	114,545.00	87,063.00	812,983.00	314.00
Gilpin	46,040.00	2,155.00	6,450.00	54,645.00	241.80
Grand	61,400.00	3,185.00	13,435.00	78,020.00	144.00
Gunnison	477,367.34	13,075.00	30,855.00	521,297.34	385.55
Hinsdale	11,000.00	1,050.00	1,000.00	13,050.00	124.00
Huerfano	444,400.00	19,365.00	40,550.00	504,315.00	107.00
Jackson	31,475.00	2,325.00	10,950.00	44,750.00	159.25
Jefferson	965,462.00	73,675.00	141,999.00	1,181,136.00	233.46
Kiowa	207,615.00	8,080.00	30,681.00	246,376.00	221.00
Kit Carson	287,066.43	12,451.00	71,107.14	470,624.57	119.81
Lake	117,401.00	625.00	28,767.00	146,793.00	167.00
La Plata	613,825.75	58,858.00	62,117.39	734,801.14	204.15
Larimer	1,533,566.75	224,876.40	175,003.60	1,933,446.75	221.95
Las Animas	1,111,055.00	106,310.25	138,448.80	1,355,814.05	140.12
Lincoln	380,950.00	10,688.00	64,071.00	455,709.00	175.07
Logan	857,825.05	79,262.00	164,270.00	1,101,357.05	198.00
Mesa	1,072,950.00	92,501.00	167,125.00	1,332,576.00	190.00
Mineral	8,000.00	800.00	1,300.00	10,100.00	85.00
Moffat	145,035.00	10,050.00	29,120.00	184,205.00	143.90
Montezuma	193,575.00	19,735.00	40,950.00	254,260.00	120.45
Montrose	486,100.00	26,855.00	75,375.00	588,330.00	172.37
Morgan	1,031,617.00	83,930.00	124,857.00	1,240,404.00	147.10
Otero	1,252,231.79	107,087.00	148,111.40	1,507,430.19	214.45
Ouray	45,687.00	2,760.00	8,115.00	56,562.00	151.90
Park	56,275.00	5,100.00	9,945.00	71,320.00	200.00
Phillips	305,800.00	22,830.00	40,455.00	369,085.00	217.10
Pitkin	62,200.00	8,900.00	10,026.00	81,126.00	260.80
Prowers	678,029.35	27,336.00	84,299.35	789,664.70	175.40
Pueblo	3,812,936.62	351,345.08	475,330.39	4,639,612.09	316.20
Rio Blanco	154,235.00	12,880.00	21,225.00	198,340.00	283.00
Rio Grande	440,888.80	28,850.00	109,350.00	579,088.80	203.50
Routt	475,918.11	25,930.00	60,974.51	562,822.62	231.33
Saguache	253,175.13	10,050.00	54,600.00	347,825.13	181.35
San Juan	60,000.00	10,000.00	1,000.00	71,000.00	245.00
San Miguel	188,530.39	3,595.00	16,351.34	208,476.73	345.15
Sedgwick	476,921.95	27,953.21	65,646.62	570,521.78	323.83
Summit	114,100.00	1,700.00	14,200.00	130,000.00	669.00
Teller	88,050.00	1,150.00	9,525.00	98,725.00	122.00
Washington	388,025.00	23,843.00	61,972.00	473,840.00	173.00
Weld	3,181,017.45	185,065.29	421,105.52	3,787,188.26	207.30
Yuma	807,316.00	27,802.00	170,707.00	1,005,825.00	248.30
State	\$51,177,334.54	\$ 5,820,296.30	\$ 6,617,825.11	\$63,615,455.95	\$244.08

PUBLIC SCHOOLS, TEACHERS AND SCHOOL POPULATION, 1931

COUNTY	Total Number			Teachers			School Population		
	No. of School Districts	Schools	School Bldgs.	Male	Female	Total	Persons of School Age	Enrollm't in Public Schools	Aver. Daily Attend.
Adams	42	79	79	34	179	213	5,979	5,397	4,067
Alamosa	14	23	20	16	68	84	2,626	2,383	1,784
Arapahoe	29	49	47	30	161	191	6,176	5,186	4,238
Archuleta	22	27	23	3	41	44	1,031	953	698
Baca	63	92	85	39	101	140	3,308	3,415	2,541
Bent	38	49	48	23	92	115	2,624	2,637	1,916
Boulder	57	72	76	56	258	314	9,602	7,866	6,284
Chaffee	25	31	31	10	61	71	2,270	1,703	1,383
Cheyenne	9	29	46	17	49	66	1,181	1,123	866
Clear Creek	9	12	10	5	21	26	512	432	363
Conejos	30	39	34	32	86	118	3,719	3,004	2,265
Costilla	14	25	18	13	31	44	1,909	1,552	995
Crowley	9	21	20	15	53½	68½	2,007	1,837	1,380
Custer	23	24	22	5	28	33	535	453	326
Delta	18	40	39	34	125	159	5,160	4,014	3,126
Denver	1	77	95	217	1,381	1,598	79,039	63,941	47,624
Dolores	10	13	18	3	16	19	392	374	300
Douglas	33	36	36	11	52	63	900	910	707
Eagle	23	39	36	7	55	62	996	1,057	850
Elbert	47	89	86	14	103	117	2,025	1,673	1,373
El Paso	38	99	86	85	337	422	12,325	10,943	8,627
Fremont	33	51	51	41	149	190	5,552	4,387	3,554
Garfield	42	57	57	26	102	128	3,137	2,591	1,852
Gilpin	11	8	12	2	12	14	251	226	171
Grand	17	27	24	5	32	37	518	542	376
Gunnison	26	41	36	16	53	69	1,523	1,352	881
Hinsdale	4	5	4	2	7	9	124	105	83
Huerfano	51	82	80	23	156	179	6,967	4,711	3,379
Jackson	6	11	10	2	13	15	348	281	239
Jefferson	47	67	59	30	171	201	5,815	5,150	3,996
Kiowa	18	31	27	18	44	62	1,335	1,110	904
Kit Carson	83	104	90	42	109	151	3,324	2,845	2,554
Lake	9	17	17	8	30	38	1,494	879	738
La Plata	38	66	62	26	111	137	4,343	3,599	2,697
Larimer	46	84	73	49	281	330	9,923	8,812	6,858
Las Animas	120	169	163	76	318	394	12,828	9,662	7,449
Lincoln	45	81	81	39	89	128	2,813	2,313	1,950
Logan	57	98	92	45	207	252	7,057	5,557	3,588
Mesa	36	67	69	51	214	265	8,181	7,014	5,519
Mineral	3	3	3	2	5	7	136	120	98
Moffat	36	67	67	19	73	92	1,506	1,215	720
Montezuma	30	43	40	16	67	83	2,405	2,111	1,621
Montrose	26	37	40	22	103	125	3,924	3,413	2,554
Morgan	19	58	63	38	161	199	6,178	5,479	3,727
Otero	20	47	42	47	188	235	7,918	7,029	5,261
Ouray	12	19	15	3	21	24	465	346	286
Park	20	38	36	6	36	42	494	398	223
Phillips	38	40	37	21	63	84	1,751	1,654	1,338
Pitkin	15	12	13	4	19	23	448	311	380
Prowers	50	72	69	38	135	173	4,992	4,502	3,360
Pueblo	47	111	102	75	528½	603½	20,348	15,625	11,267
Rio Blanco	18	33	33	6	40	46	883	701	665
Rio Grande	8	16	18	15	74	89	3,280	2,846	2,012
Routt	44	68	66	19	108	127	2,792	2,433	1,881
Saguache	8	25	23	18	54	72	2,070	1,808	1,248
San Juan	1	3	5	6	6	12	319	286	211
San Miguel	14	24	22	4	31	35	713	570	462
Sedgwick	24	32	32	19	64	83	1,887	1,735	1,345
Summit	9	12	9	2	14	16	229	194	156
Teller	11	15	14	5	30	35	1,052	809	495
Washington	84	123	123	33	138	171	3,250	2,741	2,222
Weld	136	230	222	141	563½	704½	21,384	18,269	13,545
Yuma	117	136	138	50½	162½	213	4,455	4,051	3,435
State	2,033	3,300	3,190	1,779½	8,081	9,860½	312,728	260,635	197,013

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	1931		1930	
	Receipts	Expenditures	Receipts	Expenditures
Adams -----	\$ 609,155.49	\$ 464,734.37	\$ 560,961.74	\$ 445,021.95
Alamogosa -----	258,943.86	251,563.32	260,466.63	195,858.49
Arapahoe -----	500,178.34	443,374.93	478,981.96	427,139.44
Archuleta -----	71,917.05	53,545.25	81,282.11	54,047.42
Baca -----	277,300.30	317,552.36	292,203.66	239,892.99
Bent -----	218,452.28	206,010.39	236,232.15	212,666.15
Boulder -----	853,136.88	761,980.37	886,240.59	786,847.75
Chaffee -----	168,180.36	149,449.15	161,584.05	147,724.98
Cheyenne -----	202,992.12	169,805.75	218,686.54	158,665.02
Clear Creek -----	51,324.95	44,297.51	53,843.78	47,071.30
Conejos -----	234,313.58	190,836.40	226,579.55	189,414.22
Costilla -----	111,791.87	80,413.61	82,158.01	74,137.46
Crowley -----	250,675.90	204,415.85	260,209.61	222,553.62
Custer -----	40,938.06	33,664.57	46,921.88	39,094.81
Delta -----	361,556.69	330,230.20	416,722.59	371,986.42
Denver -----	6,931,269.21	7,200,366.32	6,868,081.13	6,792,827.22
Dolores -----	37,746.95	20,072.61	38,027.51	22,699.90
Douglas -----	145,170.06	119,672.02	144,545.25	114,733.77
Eagle -----	159,328.87	110,139.93	171,676.36	107,340.17
Elbert -----	266,868.18	201,685.48	280,400.05	207,096.27
El Paso -----	1,437,112.69	1,329,718.12	1,537,461.40	1,410,951.20
Fremont -----	661,665.86	577,590.94	550,545.39	482,150.68
Garfield -----	363,474.20	275,318.06	358,298.16	297,780.87
Gilpin -----	38,159.97	29,065.23	38,780.19	22,726.99
Grand -----	64,019.81	51,271.21	63,884.93	50,127.21
Gunnison -----	172,078.22	140,105.73	170,815.17	147,889.10
Hinsdale -----	13,506.99	13,484.81	14,403.83	10,991.78
Huerfano -----	420,174.95	325,094.85	546,702.37	424,571.52
Jackson -----	37,665.50	27,482.47	37,864.37	26,513.15
Jefferson -----	544,671.91	439,377.78	498,934.06	411,033.11
Kiowa -----	160,384.56	151,377.54	168,315.54	146,846.07
Kit Carson -----	420,022.92	329,755.69	417,878.18	325,709.27
Lake -----	100,031.22	85,940.62	107,285.76	88,315.03
La Plata -----	319,135.73	298,130.18	325,957.87	290,162.56
Larimer -----	1,006,336.85	832,402.11	1,081,229.63	896,332.29
Las Animas -----	873,469.26	785,671.10	937,199.87	853,469.99
Lincoln -----	350,217.62	270,591.40	379,448.59	290,378.83
Logan -----	699,438.55	589,287.32	804,170.42	668,766.09
Mesa -----	598,205.35	549,690.40	601,628.15	536,518.81
Mineral -----	25,100.29	13,675.43	27,599.06	15,076.68
Moffat -----	145,757.74	121,137.57	142,833.37	108,058.93
Montezuma -----	175,207.06	141,056.35	195,878.65	148,301.24
Montrose -----	291,759.30	233,382.01	324,258.78	253,529.75
Morgan -----	547,014.29	484,138.49	643,942.90	576,215.05
Otero -----	615,176.18	555,160.04	672,122.86	590,353.66
Ouray -----	50,928.56	40,844.92	52,191.61	48,038.92
Park -----	68,783.41	57,718.15	61,857.97	49,710.32
Phillips -----	255,830.77	157,059.55	243,237.88	157,402.81
Pitkin -----	41,042.72	29,668.21	50,307.08	37,693.55
Prowers -----	465,662.56	441,422.12	476,920.37	427,527.02
Pueblo -----	1,602,588.40	1,507,760.47	1,656,144.28	1,552,141.54
Rio Blanco -----	99,351.56	74,813.25	100,962.40	75,692.57
Rio Grande -----	391,703.02	297,836.08	428,258.61	308,970.26
Routt -----	310,331.08	257,338.53	313,455.68	251,618.38
Saguache -----	228,669.31	182,006.09	272,436.81	203,639.21
San Juan -----	48,308.26	27,547.90	50,924.64	31,606.14
San Miguel -----	83,088.04	74,345.92	111,018.93	93,729.87
Sedgwick -----	230,793.17	202,642.03	157,807.30	127,806.54
Summit -----	52,151.84	35,443.10	56,283.92	38,285.19
Teller -----	73,996.20	66,524.32	83,832.60	73,540.00
Washington -----	394,153.12	302,398.31	416,931.96	312,613.50
Weld -----	2,116,690.41	1,960,601.67	2,354,422.12	2,103,092.31
Yuma -----	554,140.43	451,645.17	530,034.85	390,920.17
State -----	\$28,929,240.88	\$26,172,931.63	\$29,820,273.66	\$26,213,617.76

AVERAGE YEARLY SALARIES OF TEACHERS IN PUBLIC SCHOOLS, 1931

(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	\$1,827.30	\$1,363.50		\$1,428.18	\$1,407.00	\$1,216.80	\$1,167.50	\$1,078.25
Alamosa	2,181.00	1,378.00	\$1,600.00	1,500.00	1,086.00	1,054.00		1,146.00
Arapahoe	2,000.00	1,390.00		1,705.00	1,660.00	1,062.00		1,032.00
Archuleta	1,640.00	1,365.00	1,200.00			1,079.37		1,080.00
Baca	1,392.00	1,301.00	1,057.00	1,140.00	1,080.00	1,266.00	1,188.00	950.00
Bent	1,510.00	1,485.00	1,910.00	1,360.00	1,530.00	1,194.00	1,206.00	1,083.00
Boulder	1,823.00	1,443.00	1,650.00	1,410.00	1,405.00	1,177.00	1,166.00	1,027.00
Chaffee	1,875.00	1,450.00		1,425.00		1,084.50	950.00	
Cheyenne	1,671.40	1,538.88			1,136.00	1,090.00	990.00	939.00
Clear Creek	1,900.00	1,350.00	1,400.00	1,333.00		1,116.00		
Conejos	1,627.00	1,236.00			1,028.00	868.00	926.00	813.00
Costilla	1,575.00			1,125.00	994.68	899.89	927.50	869.20
Crowley	2,051.50	1,360.30	1,688.60	1,309.30	1,400.00	1,084.00		1,035.00
Custer	1,420.00	1,925.00	1,125.00				1,350.00	900.00
Delta	1,844.09	1,395.00	1,808.00	1,350.00	950.00	1,139.00	1,200.00	874.40
Denver	2,501.66	2,668.00	2,270.45	2,505.32	1,980.00	2,231.28		2,231.28
Dolores					1,700.00	1,275.00	1,125.00	900.00
Douglas	2,037.50	1,340.00			1,675.00	1,256.00		1,145.00
Eagle	2,160.00	1,350.00				1,271.00		1,037.45
Elbert	1,853.00	1,313.00			1,185.00	1,113.00		880.00
El Paso	1,804.47	1,490.95	1,980.73	1,703.00	1,242.26	1,166.86	1,500.00	1,324.75
Fremont	1,925.00	1,409.00	1,750.00	1,414.50	1,580.00	1,163.90	1,337.50	1,086.00
Garfield	1,797.00	1,372.00		1,100.00	1,864.00	1,198.00	1,050.00	1,050.00
Gilpin	1,800.00	1,400.00			1,200.00	1,200.00		1,287.00
Grand	1,400.00	1,300.00	1,350.00		1,400.00	1,100.00		1,068.00
Gunnison	1,784.00	1,726.00		1,487.00	2,000.00	1,345.00		
Hinsdale	1,575.00				1,575.00	1,065.00		
Huerfano	1,859.00	1,467.00	2,060.00	1,400.00	1,852.00	1,220.00	900.00	1,006.00
Jackson	2,600.00	1,700.00				1,205.00	1,305.00	1,125.00
Jefferson	2,038.00	1,414.00	1,654.00	1,270.00		1,123.00	1,575.00	987.00
Kiowa	1,718.00	1,177.00			1,375.00	1,067.80	945.00	917.50
Kit Carson	1,737.08	1,376.20	1,253.61	1,336.66	1,553.57	1,126.60	1,032.50	906.25
Lake	1,870.00	1,634.00			1,616.00	1,280.00		1,275.00
La Plata	1,963.00	1,788.00	1,775.00	1,310.00	1,350.00	1,071.00	900.00	1,042.00
Larimer	2,507.60	1,490.00	1,735.50	1,432.60	1,441.00	1,221.00		991.00
Las Animas	1,714.00	1,493.00	1,550.00	1,252.00	1,060.00	1,230.00	1,137.00	1,029.00
Lincoln	1,796.50	1,271.40			1,342.00	1,099.50	1,128.75	1,025.00
Logan	2,195.00	1,531.00	1,585.00	1,310.00	1,162.00	1,232.00	955.80	919.00
Mesa	1,694.00	1,395.00	1,450.00	1,630.00	1,600.00	1,105.00	1,160.00	1,020.00
Mineral	1,500.00	1,300.00			1,400.00	1,000.00		
Moffat	2,240.00	1,636.66	1,500.00	945.00		1,007.00	1,230.00	850.00
Montezuma	1,844.00	1,253.00	1,350.00	1,071.00	1,282.00	1,051.00	1,136.00	912.00
Montrose	1,892.00	1,535.00			1,392.00	1,070.00	1,400.00	1,026.00
Morgan	1,942.00	1,405.00	1,760.00	1,538.00	1,414.00	1,087.00	1,153.00	1,022.00
Otero	1,881.00	1,455.00	1,676.00	1,298.00	1,483.00	1,107.00		1,049.00
Ouray	1,750.00	1,350.00		1,200.00	1,350.00	1,035.00		1,000.00
Park	1,575.00	1,350.00					1,192.50	1,114.00
Phillips	1,811.00	1,369.00			1,277.00	987.00	810.00	918.00
Pitkin	1,675.00	1,350.00		1,000.00	1,000.00	925.00		900.00
Prowers	1,827.00	1,437.00	1,644.00	1,418.00	1,403.00	1,208.00	1,350.00	976.00
Pueblo	1,904.00	1,348.00	2,298.00	1,409.00	1,789.00	2,901.00	1,371.00	1,048.00
Río Blanco	1,825.00	1,575.00				1,157.00		
Río Grande	2,259.00	1,482.00	1,850.00	1,495.00	1,200.00	1,259.00		922.00
Routt	2,231.00	1,389.60	2,250.00	1,383.75	2,133.33	1,266.83		1,053.75
Saguache	1,956.00	1,335.00	1,550.00	1,375.00	1,192.00	1,126.00	1,500.00	1,055.00
San Juan	1,500.00	1,400.00			1,390.00	1,340.00	1,560.00	1,260.00
San Miguel	2,025.00	1,600.00			1,495.00	1,500.00		
Sedgwick	1,896.00	1,410.00			1,381.00	1,103.00		945.00
Summit	2,125.00	1,230.00		1,200.00	2,125.00	1,237.00		1,005.00
Teller	1,800.00	1,400.00	1,700.00	1,250.00		1,140.00		995.00
Washington	2,009.00	1,400.00			1,529.00	1,112.00	1,013.00	912.00
Weld	1,872.00	1,389.00	1,467.00	1,344.00	1,273.00	1,137.00	1,127.00	1,070.00
Yuma	1,778.00	1,440.00			1,185.00	1,145.00	925.00	1,145.00
Average	\$1,868.00	\$1,449.00	\$1,653.00	\$1,373.00	\$1,431.00	\$1,055.00	\$1,159.00	\$1,040.00

Note.—Space does not permit publication of average salaries for one-teacher schools. However, the state average is \$894.00 for men and \$915.00 for women; kindergarten state average for women, \$1,422.00.

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 childrenDenver
 Insane hospital.....Pueblo
 Home and training school for mental defectives.....Grand Junction
 Home and training school for mental defectivesRidge
 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
 Deaf 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.

Beginning with 1929 the fiscal year was changed by the legislature to end with June 30, instead of November 30. Comparative figures for 1929 and 1930, therefore, are not available, but the auditor reports expenditures of \$3,221,350 for state institutions, of which \$2,018,789 was for educational institutions and \$1,202,561 for penal and eleemosynary institutions, in the period from December 1, 1928, to June 30, 1929. For the fiscal year ending June 30, 1930, the expenses of state institutions were \$6,151,822, of which \$3,975,318 was for the educational institutions and \$2,176,504 for the penal and eleemosynary institutions.

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 5,729 in 1931. 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
1931.....	1,126	16	1,142

The number of prisoners received at the penitentiary during the fiscal years ending November 30, for the years named, was as follows:

Year	Male	Female	Total
1926.....	508	28	536
1927.....	558	38	596
1928.....	497	38	535
1929.....	532	18	550
1930.....	515	19	534
1931.....	737	16	753

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 owned by the state furnishes milk and butter, and a fruit and vegetable canning plant is operated each season by the inmates. The method employed for executing prisoners sentenced to death is by 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.....	\$ 208,000
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
1931.....	1,636	1,389	3,025

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
1931.....	294	189	483

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.

POPULATION OF STATE INSTITUTIONS
(November 30 of Years Named)

INSTITUTION	1931	1930	1929	1928	1927	1926	1925	1919	1914
Industrial school for boys	266	237	247	274	289	257	193	337	293
Industrial school for girls	141	130	135	125	141	139	125	136	122
Reformatory	230	215	155	159	189	171	222	157	137
Home and training schools:									
Grand Junction	270	263	260	252	254	271	250	*	*
Ridge	187	148	108	89	74	78	80	73	80
Soldiers' and Sailors' Home	118	230	185	160	160	203	219	153	188
Insane hospital	3,025	2,944	2,898	2,843	2,750	2,617	2,461	1,926	1,176
Penitentiary	1,142	1,124	1,061	1,036	1,065	958	964	571	352
Workshop for blind	36	27	27	16	16	13	13	18	18
Home for dependent and neglected children	314	309	198	192	158	135	147	192	236
Totals	5,729	5,627	5,274	5,146	5,096	4,842	4,674	3,563	2,602

DISBURSEMENTS OF STATE INSTITUTIONS, BY YEARS
(From Report of Public Examiner)

INSTITUTION	1928	1927	1926	1925	1924
Educational:					
Agricultural college	\$1,312,323	\$1,382,488	\$1,258,758	\$1,161,255	\$1,152,161
Fort Lewis school	120,502	84,596	133,230	119,187	107,402
Alamosa Normal	†88,650	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
Eleemosynary:					
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
Penal and Reform:					
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
Recapitulation:					
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. No report for subsequent years is yet available.

DISBURSEMENTS OF STATE INSTITUTIONS FOR YEAR ENDING NOVEMBER 30, 1928
(From Report of the Public Examiner)

INSTITUTION	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	\$1,312,323.00
Fort Lewis.....	45,364.32	37.7	32,337.60	26.8	4,800.00	4.0	38,000.00	31.9	-----	-----	120,501.92
Adams Normal.....	50,110.59	82.4	6,999.12	11.5	2,537.92	4.2	1,100.45	1.8	46.00	-----	60,794.08
School of Mines.....	201,571.20	54.4	88,739.79	24.4	17,135.13	2.7	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	19,288.41	0.9	44,878.62	6.9	92,400.87	14.3	645,789.27
University of Colorado.....	1,181,781.90	56.7	621,983.61	29.9	19,288.41	0.9	179,909.09	8.7	79,980.97	3.8	2,082,894.01
Western State.....	125,148.67	65.8	28,386.46	14.9	3,432.52	1.4	4,594.62	2.4	31,387.52	16.5	190,169.55
Deaf and Blind.....	117,576.84	47.0	51,657.13	20.6	-----	-----	72,455.14	28.9	5,316.99	2.1	250,438.68
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	166,553.79
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	62,380.36
Total	\$ 255,853.22	30.5	\$ 478,838.35	57.1	\$ 33,987.99	3.9	\$ 12,550.20	1.5	\$ 58,151.73	7.0	\$ 838,490.49
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, Ridgc.....	15,557.92	44.0	19,763.86	56.0	-----	-----	-----	-----	2.43	-----	35,324.21
Mental defectives, Grand Junction.....	28,427.55	28.9	67,379.40	68.4	544.20	0.6	2,047.20	2.1	-----	-----	98,398.35
Soldiers' and Sailors' Home.....	29,431.02	29.8	50,503.23	51.2	7,005.40	7.1	11,630.64	11.9	-----	-----	98,630.29
Workshop for blind.....	18,323.16	42.4	4,041.50	9.4	-----	-----	-----	-----	20,818.39	45.2	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	\$ 963,728.50
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.....	255,853.22	30.5	478,838.35	57.1	33,987.99	3.9	12,550.20	1.5	58,151.73	7.0	838,490.49
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	963,728.60
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

Note.—Due to change in fiscal years, no report later than 1928 is yet available.

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		107,997	578,105
Agricultural college	350,000	3,100,000	247,946	127,204	194,133	14,741	48,962		1,190,983	4,190,983
Deaf and blind school	45,800	920,722	68,989	66,989	1,500	3,000	5,742		1,000	1,112,838
School of mines	186,705	473,876	329,940	106,377	60,801	1,873			32,062	1,141,634
State university	406,036	5,376,277	561,953	267,620	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	421,803
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	266,970	28,775	16,975	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	1,602,500	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	1,000	474,552
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		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

STATE PROPERTY IN ANNUAL REPORTS AND REPORTS FROM 1928 TO 1930 AVAILABLE.

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 -----	1,270,087	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	4,551,094
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 \$153,000,000 was expended for this purpose by all agencies in the state from 1910 to 1931, 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 1932 had 72,456 miles of state and county roads, according to surveys made by the United States bureau of public roads and the state highway department. This is an increase of 3,716 miles as compared with January 1, 1931, of which 3,695 miles is in county roads. The gain in reported mileage is due primarily to the inclusion of some county roads omitted in former surveys. Of the 72,456 miles of roads on January 1, 1932, 63,201.7 miles are classified as county roads and 9,254.9 miles as state highways.

The classification of county roads as reported by the United States bureau of public roads is as follows:

Earth roads:	Miles
Unimproved and partly graded.....	38,979.0
Improved to establish grade and drained.....	18,411.9
Total non-surfaced.....	57,390.9
Surfaced roads:	
Sand-clay and top soil.....	1,869.5
Treated, gravel, chert, etc.....	3,937.5
Bituminous	0.6
Concrete	3.2
Total surfaced.....	5,810.8
Grand total.....	63,201.7

The classification of state highways, including federal aid projects, as reported by the state highway department, is as follows:

	Miles
Projected	246.2
Graded	4,359.2
Surfaced	3,948.3
Oiled	254.1
Paved	447.1
Total	*9,254.9

*Includes 3,493.7 miles designated as federal aid projects.

The location of roads in the state in relation to farms, as reported by the federal census in 1930, is as follows:

Farms located on—	Number
Concrete road.....	839
Brick road.....	1
Asphalt road.....	28
Macadam road.....	149
Gravel road.....	14,262
Sand-clay road.....	161
Improved dirt road.....	22,602
Unimproved dirt road.....	18,072
All others.....	3,842
Total	59,956

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 employes as are necessary to comply with the state highway act.

The advisory board consists of one member from each of seven districts into which the state is divided, whose term is for three years and whose successor is appointed by the governor. The administrative head of the state highway department is the state high-

way 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 seven districts which have representation on the advisory board, seven districts having division engineers and nine districts having assistant superintendents of maintenance.

The assistant superintendents of maintenance, the division in which they serve and their headquarters are as follows:

Div. Asst. Supt. Headquarters

- 1 W. T. Murnan.....Denver
- 2 J. P. Shea.....Grand Junction
- 3 Temporary Vacancy.....Durango
- 4 D. N. Stewart.....Pueblo
- 5 Robt. E. Norvell.....Hugo
- 6 Frank M. Drescher.....Craig
- 7 John Stamm.....Denver
- 8 E. R. Bowie.....Buena Vista
- 9 C. M. Terrel.....Alamosa

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 1931 the government provided 51.6 per cent of the total revenues of the state highway department, while 71.9 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 1931 a total of \$745,315. 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 in 1931, exclusive of streets in cities and towns and highways in the Denver mountain park system, as reported by all agencies, was \$15,915,375. County disbursements, as shown by a table published herewith, amounted to \$5,802,630. This item includes, however, \$760,713 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.....	\$ 5,041,917
By state highway department	10,128,143
By forest service.....	745,325
Total	\$15,915,375

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
1931	16,676,089

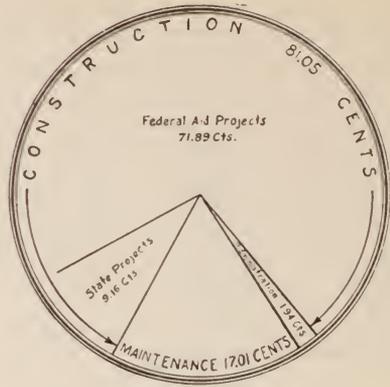
The figures of the state highway department for 1929 used in this chapter cover 13 months, the fiscal year being changed to the calendar year in order to put the department on the same basis as other states for comparative purposes.

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 1931 was as follows:

Balance, January 1.....	\$ 905,763.57
Receipts	9,285,220.83
Total	\$10,190,984.40
Disbursements	10,128,143.83
Balance, December 31....	\$ 62,840.57

The following chart shows the division of the dollar as expended by the state highway department in 1931.



SUMMARY.

Administration		1.94%
Maintenance		17.01%
Construction		
Federal Aid Projects	71.89%	
State Projects	9.16%	
Total: Construction		81.05%
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.

SOURCES OF STATE HIGHWAY DEPARTMENT FUNDS, BY YEARS

SOURCE	1931	1930	1929*	1928	1927
Taxes:					
Half-mill levy			\$ 432,872	\$ 787,946	\$ 762,527
Gasoline tax.....	\$4,219,681	\$4,171,887	3,908,623	2,665,355	1,740,051
U. S. Government:					
Federal aid.....	4,793,420	2,298,636	1,879,435	1,730,450	1,148,156
Internal improvement.	45,500	75,000	64,300	69,200	70,600
Bus licenses.....	43,945	70,999	35,534	.....	.....
County aid and miscellaneous.....	182,675	58,376	38,767	62,276	109,800
Total	\$9,285,221	\$6,674,898	\$6,359,531	\$5,315,227	\$3,831,134

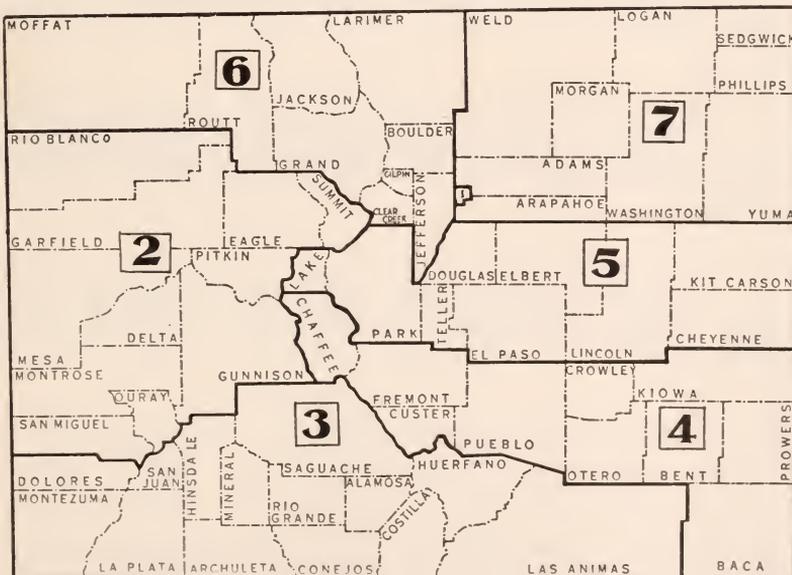
*Figures for 1929 cover thirteen months in order to make fiscal year correspond with the calendar year.

DISBURSEMENTS OF STATE HIGHWAY FUNDS, BY YEARS

PURPOSE	1931	1930	1929*	1928	1927
Federal aid projects...	\$ 7,213,340	\$4,343,773	\$3,218,109	\$3,650,829	\$2,522,026
State projects	917,454	701,518	547,925	665,702	591,607
Maintenance	1,364,421	1,558,698	1,195,481	917,287	852,123
Federal aid renewals...	.....	.....	140,034	.....	6,559
Maintenance equipment and repairs.....	292,270	236,220	360,185	486,951	.....
Property and equipment..	47,707	30,388	74,930	28,935	24,756
Surveys	46,268	7,914	26,157	31,119	15,824
Road signs and traffic census.....	21,311	23,042	21,771	6,755	30,532
Administration	196,139	172,947	174,024	115,394	101,593
Compensation insurance..	27,166	24,771	10,618	13,030	19,784
Legislative relief.....	2,067	.....	.....	.....	.....
Total	\$10,128,143	\$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.

CHART SHOWING BOUNDARIES OF THE HIGHWAY DISTRICTS HAVING REPRESENTATION ON THE ADVISORY BOARD



COUNTY REVENUE FOR HIGHWAY PURPOSES IN 1931
(Supplied by the United States Bureau of Public Roads)

COUNTY	Balance on Hand	General County Road Taxes	Motor Vehicle Fees	Gasoline Taxes	Funds from State	Miscellaneous	Totals
	\$	\$	\$	\$	\$	\$	\$
Adams	42,888.10	96,196.68	23,000.00	12,000.00	2,000.00	5,000.00	179,084.78
Alamosa	33,029.03	52,556.16	7,027.33	20,775.43	1,305.67	1,305.67	65,037.46
Arapahoe	5,787.09	10,191.60	21,291.96	19,707.81	11,857.56	4,118.00	112,308.80
Archuleta	4,183.31		2,282.12	18,570.20			39,345.23
Baca			10,953.92	38,934.42	22,862.41	256.79	73,007.54
Bent	204.43	39,117.17	6,641.47	13,007.17	386.28	8,287.17	67,234.83
Boulder	716.66	123,922.72	31,465.06	24,994.63	5,332.39	7,315.00	193,746.46
Chaffee	130.40	9,085.50	5,621.86	16,707.01	4,945.12	11,403.07	47,632.37
Cheyenne	22,630.18	4,928.95	22,795.57	22,795.57	1,038.88	1,038.88	50,683.08
Clear Creek	6,369.13	12,847.58	2,042.21	19,285.67	8,810.26	49,354.85	89,354.85
Conejos	9,674.50	9,671.06	5,613.09	23,334.31	378.75	6,900.65	55,472.66
Costilla	3,183.76	3,570.59	3,103.38	23,103.37		59.70	26,658.28
Crowley	18,165.32	10,773.36	5,008.91	11,399.13		261.56	46,998.66
Custer	5,726.40	8,803.98	2,725.92	17,062.89	5,296.03	2,205.79	29,868.21
Delta		84,556.09	11,326.63	21,573.43	10,647.23	10,537.07	139,540.35
Denver		6,871.75	1,110.17	12,774.52	9,481.00	12,420.68	47,361.51
Dolores	4,703.09	31,872.67	3,533.97	27,705.53		14,204.23	83,273.80
Douglas	5,957.40						
Eagle	1,704.30	39,091.36	3,875.25	22,943.86	150.00	11,367.59	79,132.30
Elbert	18,618.44	91,935.40	46,288.72	44,167.10	20,748.67	6,276.12	228,034.45
El Paso	10,794.23	57,518.69	5,513.85	23,012.73	14,576.13		111,415.63
Fremont		58,858.31	15,577.93	32,244.35	11,078.31	1,261.00	119,020.49
Garfield		78,967.65	7,346.07	30,813.07		11,963.99	129,090.78
Gilpin		5,000.00	800.00	300.00	5,000.00		11,100.00
Grand	2,952.83	13,958.67	3,057.01	34,484.17		3,941.18	57,793.86
Gunnison		32,219.40	5,140.55	45,999.00	10,000.00	11,126.00	104,484.93
Hinsdale	191.45	816.40	351.41	8,782.50	6,029.60	9,259.99	26,242.23
Huerfano	5,422.93	44,806.22	9,474.48	25,330.82	11,381.79	1,456.36	98,072.60
Jackson	3,033.62	3,825.39	1,546.94	24,337.88	1,170.99	1,510.01	35,424.83
Jefferson	17,356.59	94,554.93	25,585.48	42,722.79	15,000.00		195,219.79
Kiowa	43,880.64	5.06	4,587.23	26,103.60	18,369.30	1,474.87	94,420.70
Kit Carson	-6,333.47	47,576.96	9,926.88	31,231.45	5,294.11	1,206.91	88,902.34

Lake	4,986.20	64,232.77	8,913.62	18,176.77	381.24	8,718.86	105,409.46
La Plata	2,354.21	2,565.03	2,656.03	13,346.57		692.17	19,048.98
Larimer	8,072.72	171,707.52	34,355.35	45,854.74	84,231.91	25,051.62	319,273.86
Las Animas	22,670.03	113,220.94	20,394.87	48,730.00	28,845.52	18,331.98	208,853.28
Lincoln	38.71	38,422.37	8,346.33	57,335.05	7,953.39	983.98	113,082.78
Logan	2,094.60	76,589.13	20,454.22	31,258.92	13,964.93	2,565.52	142,738.12
Mesa	3,124.20	81,344.80	22,062.88	40,111.32	30,035.38	1,831.47	178,510.05
Mineral	13,656.84	2,859.94	435.45	11,988.65	14,000.00	3,231.83	46,242.71
Moffat	2,323.13	22,631.61	2,633.27	31,447.21	22,671.68	13,998.60	95,671.50
Montezuma	3,330.04	21,194.29	7,643.12	25,426.18	11,749.96	8,643.47	74,557.02
Montrose	21,500.01	30,069.17	8,623.30	42,142.90	4,968.02	13,033.91	102,167.34
Morgan	6,523.20	64,876.13	15,961.64	27,451.80	31,420.94	12,146.50	130,367.00
Otero	5,121.19	60,841.07	19,811.11	17,178.22	2,866.97	2,624.49	106,978.09
Ourray	7,727.03	10,458.85	1,129.21	8,844.18		2,736.14	31,156.54
Park	7,382.65	13,000.00	2,643.97	33,789.37	25,020.10	919.87	75,373.31
Phillips	15,676.04	22,450.00	7,361.47	17,995.13	3,894.46	5,680.76	63,108.85
Pitkin		3,268.17	916.53	15,724.33	5,645.05	2,270.24	30,131.37
Prowers		54,722.02	13,545.91	34,520.34	23,118.50	665.09	142,247.30
Pueblo		113,358.08	44,992.34	35,586.33	393.00	484.33	195,414.08
Rio Blanco	6,102.41	13,118.15	2,139.27	36,859.59	5,000.00	5,948.24	69,167.66
Rio Grande	9,029.09	20,360.11	10,046.32	15,616.32	4,107.87	6,972.05	66,130.76
Routt	8,505.62	35,848.16	6,433.86	30,646.61	23,970.50	15,655.30	127,060.05
Saguache	5,581.27	26,793.72	5,274.72	30,159.59		5,549.93	62,196.69
San Juan		18,540.60	1,205.00	25,119.01	21,314.18	22,000.00	22,000.00
San Miguel	12,325.87	35,317.27	6,471.66	13,720.96	9,955.30	66,178.79	66,178.79
Sedgwick	9,733.94	8,892.90	629.31	16,571.72	9,299.90	21.40	77,791.06
Summit							45,149.17
Teller	2,005.32		3,500.91	18,438.78	10,865.48	1,863.56	36,674.05
Washington	9,432.27	45,853.53	8,740.42	46,485.96	179,544.95	4,099.32	114,611.50
Weld	82,609.58	292,221.93	63,577.43	63,059.82		10,903.20	756,496.10
Yuma	16,100.08	47,543.91	11,257.37	44,212.90	33,178.56	4,862.53	157,155.35
State	\$ 424,440.81	\$2,580,423.59	\$ 649,570.10	\$1,634,213.98	\$ 760,713.22	\$ 349,751.39	*\$6,464,303.13

Minus sign (—) means deficit.

*Total includes \$810.85 in Hinsdale County for "Local Bond Sale Receipts" and \$64,579.19 in Weld county for "Note Sale Receipts." "Appropriations from Local Funds" included in "Funds from State," as follows: Alamosa, \$2,000.00; Baca, \$21,659.31; Jefferson, \$15,000.00; Logan, \$2,094.60; Morgan, \$20,000.00; Routt, \$19,970.50; Teller, \$719.22; Weld, \$162,000.00.

DISBURSEMENTS BY COUNTIES FOR HIGHWAY PURPOSES IN 1931
(Supplied by the United States Bureau of Public Roads)

COUNTY	Construction Roads and Bridges	Maintenance Roads and Bridges	Adminis- tration Overhead	Interest on Bonds & Notes	Retirement of Notes	County Funds to State	Miscel- laneous	Total Disburse- ments	Balance End of Year	Total
Adams		\$ 60,589.98					\$ 46,897.41	\$ 107,487.39	\$ 71,597.39	\$ 179,084.78
Alamosa	5,000.00	38,560.49						43,560.49	21,476.97	65,037.46
Arapahoe	10,000.00	95,208.18						105,208.18	7,100.62	112,308.80
Archuleta	3,000.00	33,880.44						36,880.44	2,464.79	39,345.23
Baca	56,970.45	16,087.09						73,057.54		73,057.54
Bent	7,694.59	48,717.80	\$ 2,395.43	\$ 2,646.96			4,788.03	66,242.81	932.02	67,234.83
Boulder	22,436.27	154,948.37		5,600.00				182,984.64	10,761.82	193,746.46
Chaffee		42,981.90						42,981.90	4,650.47	47,632.37
Cheyenne	1,150.00	37,894.97						39,044.97	11,638.11	50,683.08
Clear Creek	21,000.00	21,805.01						42,805.01	6,549.84	49,354.85
Concepcion		39,535.19					15,000.00	54,535.19	987.47	55,472.66
Costilla		27,022.63						27,022.63	369.35	26,653.28
Crowley	24,065.82	8,063.06						32,128.87	13,469.99	45,598.86
Custer		36,589.63						36,589.63	-6,721.42	29,868.21
Delta	14,000.00	120,271.45		4,275.45				138,546.90	983.45	139,540.35
Denver								34,896.04	12,465.47	47,361.51
Dolores		34,896.04					10,235.79	86,392.59	-3,118.79	83,273.80
Douglas		75,042.70		1,114.10						
Eagle	17,000.00	35,985.07	7,746.88			\$ 1,500.00		62,231.75	16,900.61	79,132.36
Elbert	57,223.96	133,522.56	10,080.33				20,092.33	220,919.18	7,115.27	228,034.45
El Paso		113,769.29						113,769.29	-2,363.66	111,415.63
Fremont	22,157.70	87,057.12	2,234.75					111,449.57	7,570.92	119,020.49
Garfield	11,500.00	70,977.66	6,000.00				20,162.00	108,639.66	20,451.12	129,090.78
Gilpin	3,500.00	10,000.00					5,006.00	18,506.00	-7,400.00	11,106.00
Grand		64,736.93						64,736.93	-6,943.07	57,793.86
Gunnison	35,600.00	33,430.93					54,413.42	123,444.35	-18,959.37	104,484.98
Hinsdale		6,914.71	38.44			18,901.24		25,854.39	387.84	26,242.23
Huerfano		85,558.88	1,500.00					87,058.88	11,013.72	98,072.60
Jackson		31,564.90				2,500.00		34,064.90	1,359.93	35,424.83
Jefferson	9,864.71	137,917.32					13,519.73	161,301.76	33,918.03	195,219.79

Kiowa	5,108.79	46,074.28	---	\$ 2,772.07	---	10,000.00	63,955.14	30,465.56	94,420.70
Kit Carson	20,500.00	40,350.00	---	---	---	3,002.01	63,852.01	25,050.33	88,902.34
Lake	---	79,774.66	1,000.00	---	---	---	89,774.66	24,634.80	105,409.46
La Plata	---	19,048.98	---	---	---	---	19,048.98	19,048.98	19,048.98
Larimer	103,000.00	96,567.56	---	85,792.65	14,208.00	---	299,568.21	19,705.05	319,273.86
Las Animas	50,000.00	156,989.93	---	---	---	---	206,989.93	---136.65	206,853.28
Lincoln	20,442.74	56,738.77	---	20,941.01	1,062.12	11,436.45	110,621.09	2,461.69	113,082.78
Logan	14,500.00	102,365.27	2,620.45	---	---	6,313.88	125,799.60	16,938.52	142,738.12
Mesa	60,000.00	118,510.05	---	---	---	---	178,510.05	---	178,510.05
Mineral	10,800.64	23,978.51	---	---	---	4,342.49	39,121.54	7,121.17	46,242.71
Moffat	7,500.00	31,921.21	---	---	---	2,265.11	41,686.32	53,985.18	95,671.50
Montezuma	---	64,229.38	---	---	---	---	64,229.38	10,327.64	74,557.02
Montrose	22,000.00	67,827.94	---	---	---	---	89,827.94	12,339.40	102,167.34
Morgan	49,497.57	55,500.00	3,000.00	---	---	37,224.42	145,222.09	---14,855.09	130,367.00
Otero	---	82,528.97	---	10,000.00	---	---	98,528.97	8,449.12	106,978.09
Ouray	6,539.59	17,362.74	---	---	---	---	23,902.33	7,254.21	31,156.54
Park	29,097.63	48,860.62	---	---	---	---	77,958.25	---2,584.94	75,373.31
Phillips	---	47,578.49	---	---	---	---	47,578.49	17,530.36	65,108.85
Pitkin	---	16,163.73	---	9,000.00	---	---	25,163.73	4,968.24	30,131.97
Prowers	78,981.22	36,972.08	2,358.35	5,636.25	---	5,476.16	129,424.07	12,823.53	142,247.90
Pueblo	40,138.33	151,818.58	3,276.57	---	---	180.60	195,414.08	---	195,414.08
Rio Blanco	1,000.00	59,726.17	---	---	---	---	60,726.17	8,441.49	69,167.66
Rio Grande	---	56,171.05	---	---	---	---	56,171.05	9,959.71	66,130.76
Routt	21,000.00	79,484.77	5,000.00	---	---	---	105,484.77	21,575.28	127,060.05
Saguache	20,389.00	33,846.43	---	---	---	---	54,235.48	7,961.21	62,196.69
San Juan	---	22,000.00	---	---	---	---	22,000.00	---	22,000.00
San Miguel	11,000.00	36,772.35	---	---	---	5,562.18	55,334.53	12,844.26	66,178.79
Sedwick	13,114.04	13,663.80	---	---	---	40,780.30	67,568.14	10,232.92	77,791.06
Summit	5,446.80	12,970.88	---	1,880.00	---	12,972.43	33,270.11	11,879.06	45,149.17
Teller	---	27,784.54	---	---	---	---	27,784.54	8,889.51	36,674.05
Washington	46,039.60	40,773.75	---	---	1,808.04	3,932.88	101,553.77	13,057.73	114,611.50
Weld	298,600.00	136,210.64	17,618.30	169,748.38	---	43,689.10	671,619.52	84,876.58	756,496.10
Yuma	75,766.51	63,662.95	---	---	---	---	139,429.46	17,725.89	157,155.35
State	\$1,332,625.96	\$3,662,709.42	\$ 64,869.30	\$286,770.37	\$ 36,467.77	\$377,286.22	\$5,802,630.28	\$661,872.85	\$6,464,503.13

Minus sign (—) indicates deficit.

MILEAGE OF HIGHWAYS IN COLORADO AT BEGINNING OF 1932
(Compiled from Records of U. S. Bureau of Public Roads and State Highway Commission)

COUNTY	State Roads				County Roads				Total State & County	
	Paved	Sur-fac [†]	Graded	Pro-jected	Total State	Sur-fac [†]	Graded	Pro-jected		Total County
Adams	26.9	68.7	---	---	95.6	332.0	385.0	743.0	1,460.0	1,555.6
Alamosa	0.2	32.6	72.9	8.5	114.2	69.0	---	347.0	416.0	530.2
Arapahoe	13.5	90.8	---	---	104.3	97.0	---	400.0	500.0	604.3
Archuleta	---	30.4	72.6	---	103.0	15.0	35.0	356.7	406.7	509.7
Baca	---	16.1	222.5	---	238.6	---	620.5	531.0	1,151.5	1,390.1
Bent	9.8	27.5	33.4	---	70.7	---	47.0	753.0	800.0	870.7
Boulder	33.0	55.7	51.2	---	139.9	431.0	80.0	31.0	542.0	681.9
Chaffee	---	53.1	40.2	---	93.3	17.0	195.0	44.4	256.4	349.7
Cheyenne	---	100.4	27.3	---	127.7	---	335.0	280.0	615.0	742.7
Clear Creek	1.9	49.5	52.8	3.8	108.0	---	8.0	98.0	106.0	214.0
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	110.0	140.0	600.0	850.0	913.8
Custer	---	8.5	87.0	---	95.5	35.0	265.5	400.0	700.5	796.0
Delta	---	57.2	62.6	---	119.8	14.0	21.5	440.0	475.5	596.3
Denver	---	---	---	---	---	---	---	---	---	---
Dolores	---	---	71.5	---	71.5	---	6.0	150.0	156.0	227.5
Douglas	36.4	88.1	29.9	---	154.4	385.0	115.0	---	500.0	654.4
Eagle	---	48.2	87.3	8.9	144.4	10.0	7.0	244.8	261.8	406.2
Elbert	---	57.7	69.6	---	127.3	348.7	926.0	1,785.8	3,060.5	3,187.8
El Paso	49.6	120.4	70.6	6.0	246.6	---	60.0	1,632.0	1,692.0	1,938.6
Fremont	2.1	82.5	82.8	16.0	183.4	---	12.0	160.0	172.0	355.4
Garfield	---	79.1	77.3	7.5	163.9	---	15.0	1,340.0	1,355.0	1,518.9
Gilpin	---	4.0	32.1	---	36.1	32.0	---	32.0	64.0	100.1
Grand	---	74.6	118.2	0.1	192.9	---	---	185.0	185.0	377.9
Gunnison	---	66.7	169.3	21.7	257.7	18.0	---	218.0	236.0	493.7
Hinsdale	---	---	48.6	---	48.6	---	---	90.0	90.0	138.6
Huerfano	---	47.6	86.1	6.4	140.1	8.0	---	380.0	388.0	528.1
Jackson	---	68.0	68.2	---	136.2	---	---	250.0	250.0	386.2
Jefferson	22.5	130.2	73.4	14.0	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	---	114.9	59.4	---	174.3	---	540.0	965.0	1,505.0	1,679.3
Lake	---	52.7	22.0	---	74.7	65.0	25.1	1,400.0	1,490.1	1,564.8
La Plata	---	80.0	20.9	---	100.9	---	---	80.0	80.0	180.9
Larimer	25.4	125.7	103.9	1.3	256.3	325.0	175.0	570.0	1,070.0	1,326.3
Las Animas	27.5	102.0	126.5	15.0	271.0	32.0	1,000.0	4,715.0	5,747.0	6,018.0
Lincoln	---	108.0	212.8	---	320.8	---	38.0	941.0	979.0	1,299.8
Logan	15.7	159.7	---	---	175.4	389.0	2,372.0	1,000.0	3,761.0	3,936.4
Mesa	5.9	81.9	135.2	---	223.0	92.0	2,543.0	---	2,635.0	2,858.0
Mineral	---	17.4	47.8	---	65.2	40.0	---	---	40.0	105.2
Moffat	---	59.3	122.3	---	181.6	8.0	22.0	790.0	820.0	1,001.6
Montezuma	---	53.1	84.6	---	137.7	6.2	303.3	800.0	1,110.0	1,247.7
Montrose	---	60.6	158.1	16.2	234.9	7.0	73.2	879.8	960.0	1,194.9
Morgan	35.0	84.2	8.0	9.0	136.2	253.0	180.0	400.0	833.0	969.2
Otero	19.6	9.4	63.6	---	92.6	167.2	771.4	525.0	1,463.6	1,556.2
Ouray	---	24.7	24.8	---	49.5	52.0	21.4	192.6	266.0	315.5
Park	---	105.1	79.2	8.7	193.0	---	13.0	585.0	598.0	791.0
Phillips	---	100.4	---	---	100.4	100.0	300.0	600.0	1,000.0	1,100.4
Pitkin	---	---	81.3	6.7	88.0	---	10.0	114.0	124.0	212.0
Prowers	6.4	78.6	108.3	---	193.3	108.5	900.0	400.0	1,408.5	1,601.8
Pueblo	35.3	97.8	66.1	---	199.2	560.0	1,900.0	540.0	3,000.8	3,200.0
Rio Blanco	---	41.5	151.5	13.3	206.3	---	164.0	95.0	259.0	465.3
Rio Grande	1.9	47.4	34.8	---	84.1	---	409.0	91.0	500.0	584.1
Routt	---	51.2	113.8	16.2	181.2	7.0	20.0	1,748.0	1,775.0	1,956.2
Saguache	---	84.1	85.9	---	170.0	61.0	44.0	994.3	1,099.3	1,269.3
San Juan	---	35.1	9.0	4.5	48.6	4.0	---	88.7	92.7	141.3
San Miguel	---	8.3	122.7	12.0	143.0	---	---	200.0	200.0	343.0
Sedgwick	---	63.1	9.0	---	72.1	208.0	---	310.0	518.0	590.1
Summit	---	28.7	51.7	12.3	92.7	20.0	---	13.0	33.0	125.7
Teller	---	52.7	38.2	12.3	103.2	20.8	39.0	202.0	261.8	365.0
Washington	7.4	180.6	71.9	---	259.9	3.0	49.0	2,802.0	2,854.0	3,113.9
Weld	71.1	216.1	63.2	4.3	354.7	1,220.0	2,028.0	2,752.0	6,000.0	6,354.7
Yuma	---	241.5	6.0	---	247.5	75.0	1,000.0	525.0	1,600.0	1,847.5
State	447.1	4,202.4	4,359.2	246.2	9,254.9	5,807.0	18,411.9	38,979.0	*63,201.7	72,456.6

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 and Pueblo, 0.8 miles. †Includes oiled roads as follows: Adams, 4.0 miles; Alamosa, 10.2 miles; Arapahoe, 9.7 miles; Bent, 22.8 miles; Boulder, 12.0 miles; Conejos, 14.4 miles; Elbert, 4.9 miles; Fremont, 18.2 miles; Garfield, 2.0 miles; Jefferson, 40.3 miles; Larimer, 24.0 miles; Las Animas, 6.0 miles; Otero, 9.4 miles; Prowers, 21.8 miles; Pueblo, 18.4 miles; Rio Grande, 5.9 miles; Weld, 30.1 miles.

MOTOR VEHICLE LICENSES

There were 276,376 motor vehicle licenses for passenger cars and 32,082 for trucks issued in Colorado in 1931 through the office of the secretary of state, the registration agency for the state. This was a decrease of 471 in the number of passenger cars, the first reported since registration was inaugurated in 1913, and an increase of 420, or 1.33 per cent, in the number of trucks in 1931 as compared with 1930. There 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 1928 showed an increase over 1927 of 6.05 per cent in passenger cars and 2.46 per cent in trucks.

The number of motorcycle licenses issued has shown a steady decrease since the peak was reached in 1916, in which year there were 4,731. The number in 1931 was 962.

Receipts for motor vehicle licenses in 1931 aggregated \$1,910,740, the highest in any year since registration under the present system began in 1913. In that year the fees amounted to \$60,833. The total amount of fees collected for the 19 years ending December 31, 1931, was \$18,693,660. After deducting the cost of administration, the motor vehicle license fees are divided equally between the state high-

way 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 was changed, and thereafter each county is indicated by an initial number, followed by the number of each particular license from 1 up to the maximum for that county. The identifying key numbers are 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.

Beginning with 1932, all drivers of passenger cars are required to take out individual drivers' licenses.

Two tables published herewith show registrations and fees collected for the state by years and by counties in 1931.

REGISTRATION AND RECEIPTS BY YEARS SINCE STATE ASSUMED CONTROL OF LICENSING

YEAR	Passenger Cars	Trucks	Motor-cycles	Drivers	Total 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	104,855	*	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	15,880	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
1931	276,376	32,082	962	6,255	1,910,740.49
Total					\$18,693,660.43

*Trucks included with passenger cars for these years.

MOTOR VEHICLE REGISTRATION AND FEES COLLECTED, 1931, BY COUNTIES
(From the records of the Secretary of State)

COUNTY	Owners	Trucks and Trailers	Dealers	Motor-cycles	Drivers	Permits, Re-issues and Misc.	Guests	Fees Collected
Adams	6,175	1,189	27	17	146	1,199	24	\$ 46,561.07
Alamosa	2,147	349	44	4	29	312	16	15,983.78
Arapahoe	7,123	622	79	26	182	1,292	55	45,667.11
Archuleta	461	52	2	2	5	116	2	2,881.80
Baca	2,776	794	12	6	7	375	6	23,843.96
Bent	2,278	206	21	10	11	341	3	14,502.17
Boulder	10,316	1,075	128	50	207	4,523	1,308	69,119.74
Chaffee	1,858	160	41	3	37	257	23	12,309.14
Cheyenne	1,070	160	21	4	14	112	11	7,604.17
Clear Creek	619	66	11	1	26	89	6	4,422.85
Conejos	1,426	260	13	2	16	70	---	10,295.46
Costilla	767	117	5	3	4	127	---	5,303.21
Crowley	1,557	243	14	2	10	311	20	10,997.25
Custer	559	140	---	2	6	77	3	4,750.50
Delta	3,557	581	45	8	30	486	36	25,019.53
Denver	80,807	5,561	966	361	3,207	26,202	3,483	538,750.78
Dolores	243	40	---	1	1	26	1	1,648.78
Douglas	1,158	119	5	1	29	159	15	7,606.40
Eagle	1,012	134	2	3	29	157	4	6,940.87
Elbert	1,717	236	10	2	4	157	---	11,608.10
El Paso	15,330	1,034	151	52	292	2,715	3,124	102,661.47
Fremont	4,749	539	82	10	46	541	22	32,613.16
Garfield	2,318	275	40	2	59	297	2	16,094.86
Gilpin	337	34	---	---	9	30	2	2,067.92
Grand	678	109	8	1	7	46	5	4,484.25
Gunnison	1,329	101	18	1	24	204	12	7,894.25
Hinsdale	83	11	---	---	4	8	---	544.90
Huerfano	3,100	236	34	5	17	265	9	19,226.42
Jackson	491	60	4	---	8	27	1	3,274.36
Jefferson	7,129	755	38	22	172	1,189	34	47,330.26
Kiowa	1,143	184	10	---	5	113	---	8,178.94
Kit Carson	2,870	564	54	9	70	325	5	21,409.06
Lake	975	25	23	1	50	96	6	5,680.52
La Plata	2,776	265	41	5	109	256	13	18,270.76
Larimer	10,403	1,415	97	53	153	3,663	310	73,286.44
Las Animas	6,444	729	76	22	150	885	24	44,621.30
Lincoln	2,133	315	28	3	15	362	8	14,874.24
Logan	5,732	1,102	55	18	46	1,224	60	43,019.56
Mesa	6,862	768	76	21	76	910	38	45,657.47
Mineral	146	25	---	---	---	16	---	1,063.15
Moffat	1,165	162	13	---	30	92	16	7,863.02
Montezuma	1,558	290	20	7	27	206	22	11,971.29
Montrose	2,722	345	40	3	30	324	21	18,059.63
Morgan	5,218	1,087	68	13	47	860	42	39,840.96
Otero	6,212	831	83	29	25	1,858	---	43,060.84
Ouray	419	36	---	---	18	24	---	2,425.28
Park	663	120	13	---	4	71	7	5,129.05
Phillips	2,044	439	29	4	13	359	---	16,039.27
Pitkin	311	26	1	---	11	43	1	1,955.53
Prowers	4,172	439	84	4	47	491	18	27,386.38
Pueblo	15,016	1,372	208	106	168	2,937	152	99,308.90
Rio Blanco	693	80	10	1	9	45	---	4,574.61
Rio Grande	2,602	571	37	1	81	299	11	21,825.76
Routt	2,170	208	36	1	25	232	17	13,047.28
Saguache	1,222	203	13	---	38	178	1	9,744.03
San Juan	273	15	1	---	9	65	---	1,725.82
San Miguel	402	48	3	2	5	26	---	2,695.09
Sedgwick	1,735	424	26	6	8	213	3	14,135.38
Summit	296	11	2	---	6	32	1	1,622.85
Teller	993	97	17	3	15	149	6	6,431.96
Washington	2,362	542	21	1	22	325	2	18,802.56
Weld	17,626	3,681	161	37	240	4,993	1,023	137,540.71
Yuma	3,848	663	37	12	65	511	6	27,984.33
Totals	276,376	*32,340	†3,184	963	6,255	†63,893	10,040	\$1,910,740.49

*Includes 32,082 trucks and 258 trailers. †Includes 3,121 auto dealers and 63 truck dealers. ‡Includes 40,825 motor vehicle re-issues, 2,848 replacements, 27,596 special permits and 1,625 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:

Year	Amount	% Increase Over Previous Year
1919 (8 mos.)	\$ 274,401	....
1920	458,395	67.1
1921	566,570	23.6
1922	644,912	13.8
1923	922,643	43.1
1924	1,773,362	92.2
1925	1,845,471	4.1
1926	2,169,456	17.6
1927	3,272,537	50.8
1928	4,115,299	25.8
1929	5,560,348	35.1
1930	6,642,208	19.5
1931	6,857,517	3.2
Total	\$35,103,119	

Gasoline consumption in Colorado by years, as reported by the state oil inspector, was as follows:

Year	Gallons	Per Ct. Inc. Over Former Yr.
1913	5,860,855	....
1914	10,372,238	76.97
1915	14,482,629	39.63
1916	19,988,001	38.01
1917	29,879,153	49.49
1918	32,800,910	9.78
1919	42,361,550	29.15
1920	51,917,098	22.56
1921	60,390,692	16.32
1922	65,891,200	9.11
1923	75,258,403	14.22
1924	94,031,766	24.95
1925	98,741,301	5.01
1926	112,380,309	13.81
1927	128,304,024	14.16
1928	142,027,665	10.69
1929	155,507,842	9.49
1930	170,855,026	9.86
1931	176,493,739	3.30

Colorado was the source of supply for 26,284,127 gallons of the 176,493,739 gallons of gasoline, or 14.89 per cent of the total, consumed in the state in 1931, according to the records of the state inspector of oils. In addition, 989,918 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 (Gals.)	Per Cent of Total Consumption
1915	332,168	2.29
1916	395,035	1.98
1917	3,546,823	11.87
1918	5,701,883	17.38
1919	6,454,277	15.24
1920	6,610,291	12.73
1921	5,222,884	8.65
1922	7,019,477	10.65
1923	7,010,704	9.32
1924	10,282,726	10.94
1925	5,659,669	5.73
1926	9,555,417	8.50
1927	15,465,893	12.05
1928	18,164,163	12.79
1929	19,029,208	12.24
1930	18,171,350	10.64
1931	26,284,127	14.89

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
1931	730,289

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 570.4 gallons in 1931. 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 18 years ending with 1931, was 376.5 gallons in 1918 and the highest was 570.4 gallons in 1931.

An accompanying table shows gasoline consumption and road taxes distributed, by counties, for 1930 and 1931. 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	
	1931	1930	1931	1930
Adams	3,004,727	3,250,700	\$ 17,093.83	\$ 16,995.83
Alamosa	2,577,753	2,451,279	20,086.61	19,971.43
Arapahoe	2,217,276	2,097,994	18,467.09	18,360.98
Archuleta	208,148	211,995	18,185.35	18,081.02
Baca	3,230,858	3,848,286	42,004.07	41,535.61
Bent	1,185,788	1,256,740	12,816.01	12,742.45
Boulder	6,904,915	6,555,376	24,628.63	24,469.81
Chaffee	3,032,236	3,841,581	16,460.15	16,383.13
Cheyenne	967,835	982,450	22,463.21	22,299.39
Clear Creek .....	.....	.....	19,100.77	18,991.12
Conejos	615,114	550,104	22,991.39	22,859.31
Costilla	285,515	291,401	22,762.50	22,649.34
Crowley	683,979	828,599	11,231.60	11,167.14
Custer	162,621	195,941	16,812.11	16,715.75
Delta	1,549,402	1,506,577	21,090.16	20,864.13
Denver	52,848,456	50,091,295	.....	.....
Dolores	33,705	15,368	12,587.09	12,514.86
Douglas	576,140	656,116	27,181.13	28,565.52
Eagle	335,962	322,863	22,603.99	22,509.36
Elbert	1,021,828	1,151,516	22,674.52	22,544.47
El Paso	11,230,327	10,037,736	43,518.06	43,268.46
Fremont	2,817,120	2,444,452	31,846.40	30,665.97
Garfield	1,958,181	1,877,136	27,480.43	27,322.82
Gilpin	82,772	88,807	6,355.32	6,318.83
Grand	973,061	741,101	33,976.53	33,799.07
Gunnison	405,448	352,714	45,472.16	43,250.91
Hinsdale .....	.....	.....	8,555.70	8,506.64
Huerfano	2,146,054	2,233,828	24,699.01	24,662.46
Jackson	230,642	299,707	23,959.50	23,822.12
Jefferson	621,073	584,442	42,268.07	39,750.20
Kiowa	932,970	851,001	25,719.95	25,572.56
Kit Carson	2,552,258	2,697,572	30,772.45	30,595.90
Lake	707,456	679,558	13,150.41	13,075.10
La Plata	1,056,768	754,145	17,850.78	17,731.01
Larimer	7,643,970	6,406,084	45,172.84	45,018.75
Las Animas	3,516,741	3,688,360	47,743.09	47,416.68
Lincoln	2,083,072	2,045,915	56,492.41	56,168.46
Logan	4,081,918	4,144,281	30,873.11	29,668.27
Mesa	3,883,491	3,470,604	39,521.81	39,295.20
Mineral	34,734	55,525	11,812.45	11,744.74
Moffat	1,257,486	1,152,340	30,948.51	32,416.22
Montezuma	467,015	427,500	24,241.23	24,102.25
Montrose	1,546,694	1,327,940	41,247.11	41,290.60
Morgan	4,224,808	3,796,778	23,977.23	20,986.53
Otero	4,300,433	3,955,455	16,354.50	16,278.11
Ouray	66,130	32,476	8,714.21	8,664.19
Park .....	.....	.....	34,029.37	37,667.35
Phillips	2,474,764	2,263,026	17,674.72	18,308.46
Pitkin	63,054	58,799	15,491.90	15,420.53
Prowers	3,101,220	3,219,006	34,011.66	33,834.19
Pueblo	9,278,180	9,407,953	35,138.43	33,956.61
Rio Blanco	51,979	40,368	36,317.87	36,109.56
Rio Grande	1,985,488	1,975,839	15,174.90	15,087.91
Routt	903,041	935,684	32,339.30	30,263.43
Saguache	702,839	817,947	29,716.23	29,545.80
San Juan	46,706	83,225	7,851.62	7,806.59
San Miguel	125,816	69,796	25,174.22	25,047.27
Sedgwick	1,458,667	1,597,545	12,692.78	12,637.43
Summit .....	.....	.....	16,319.20	16,225.60
Teller	470,408	391,371	18,167.80	18,063.49
Washington	1,229,206	1,193,506	45,736.16	46,349.05
Weld	11,934,534	12,006,918	62,319.54	59,511.61
Yuma	2,404,907	2,541,805	43,570.91	43,320.99
Totals.....	176,493,739	170,855,026	\$1,625,695.09	\$1,610,768.57

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
1931	1,649,511	4,219,681	180,820

*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)

	1931	1930	1929	1928	1927	1926
Arkansas ..	125,395	38,509	.....	.....	.....	.....
California ..	.....	47,282	.....	.....	41,055	187,409
Colorado ..	26,284,127	18,171,350	19,029,208	18,164,163	15,465,893	9,555,417
Kansas ..	34,020,492	30,866,498	23,998,336	18,491,680	14,135,557	6,844,453
Missouri ..	4,116	.....	.....	.....	.....	.....
Nebraska ..	209,239	166,991	111,438	129,657	95,105	35,539
New Mexico ..	3,196,318	2,798,901	2,382,770	2,617,796	2,314,029	2,014,429
Oklahoma ..	34,327,531	34,568,177	31,802,699	26,082,400	29,875,514	19,276,048
Texas	21,483,690	17,966,408	5,840,205	2,409,842	1,673,332	945,848
Utah	204,444	194,836	30,195	24,419	409,386	101,459
Wyoming ..	56,638,387	66,036,074	72,259,543	74,107,708	64,294,153	73,419,707
Louisiana ..	.....	.....	53,448	.....	.....	.....
Totals...	176,493,739	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 whom 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 employes. Additional information on this

subject will be found in another chapter entitled "Persons in Governmental Service."

The value of federal government property in Colorado is estimated at approximately \$698,170,360. 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.....	11,485,710
Land filed upon but not patented	3,197,206
Coal land (reserved and classified)	523,450,000
Oil reserves.....	2,173,040
Oil shale land (reserves and classified)	25,430,000
Buildings	21,389,487
Parks and monuments.....	1,500,000
Power, water, reservoir, etc.	25,000,000
Indian property.....	3,544,917

Total.....\$698,170,360

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. Buildings of the government in and adjacent to Denver, with their estimated value, are as follows:

Fitzsimons general hospital (160 bldgs.)	\$10,000,000
Postoffice and federal court- house	3,000,000
Mint	4,000,000
Customs house (old)	1,000,000
Customs house (new)	1,200,000
Army post (Fort Logan, 136 bldgs.)	1,300,000
Total	\$20,500,000

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.

PENSIONS AND COMPENSATION PAID ON ACCOUNT OF WARS

The United States government distributed \$7,991,691 to 13,980 residents of Colorado in the fiscal year ending June 30, 1931, in pensions, disability compensation and death benefits arising out of the wars in which the country has engaged. These payments went to survivors or the dependents of veterans. The aggregate payments from 1918 to 1931, inclusive, amounted to \$74,049,954.

The distribution of disbursements in the fiscal year ending June 30, 1931, is as follows:

Disability compensation	\$4,455,648.34
Army and navy pensions	2,514,623.32
Disability allowance	350,048.09
Death compensation	339,593.45
Retired emergency officers	331,777.98
Total	\$7,991,691.18

Disability compensation is paid to the veterans of the world war. The army and navy pensions went to survivors or dependents of veterans of wars other than the world war. Disability allowance represents payments to veterans of the world war for disabilities encountered since the war ended. The item of death compensa-

tion applies to world war veterans. Payments of disability allowance and to retired emergency officers are made under a new law which went into effect July 1, 1930.

Pension payments formerly were handled by the bureau of pensions and compensation to world war veterans by the veterans' bureau. These two agencies were consolidated July 1, 1930, under the veterans' administration.

The number of persons in the state receiving army and navy pensions has decreased steadily in recent years. There were 4,967 on the rolls on June 30, 1931, a decrease of 148, compared with the same date in 1930, and a decrease of 311 compared with 1929. The amount paid in pensions increased \$222,983 in 1931, compared with 1930, and \$129,848 compared with 1929. The aggregate amount of army and navy pensions paid to residents of the state in the years 1918 to 1931, inclusive, was \$33,118,368. The beneficiaries 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 United States veterans' administration.

The following table shows the number of pensioners in Colorado on June 30 of the year given and the amounts paid:

Year	Number	Amount
1918	6,369	\$1,769,946
1919	6,328	2,252,895
1920	6,002	2,160,440
1921	5,640	2,577,818
1922	5,296	2,460,019
1923	6,105	2,933,758
1924	5,837	2,356,452
1925	5,711	2,237,270
1926	5,590	2,352,265
1927	5,450	2,420,010
1928	5,432	2,406,457
1929	5,278	2,384,775
1930	5,115	2,291,640
1931	4,967	2,514,623

Total, 14 years.....\$33,118,368

Deaths of veterans of the world war are increasing gradually. Death compensation was being paid to the beneficiaries of 963 veterans on June 30, 1931, which compares with 914, an increase of 49, in 1930, and 877, an increase of 86, compared with 1929. The number on June 30, 1919, was 222, indicating an increase of 741 since the close of the war. The aggregate disbursements from 1919 to 1931, inclusive, were \$3,039,327.

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
1931	963	339,593
Total		\$3,039,327

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
1931	5,386	4,455,648
Total		\$37,210,432

Recapitulation of amounts paid out in Colorado from 1918 to 1931, inclusive, as shown by the above tables is as follows:

Pensions	\$33,118,368
Death compensation	3,039,327
Disability compensation	37,210,432
Disability allowance	350,048
Retired emergency officers	331,778
Total	\$74,049,953

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.

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. No dividends were declared June 30 and December 31, 1931.

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 December 31, 1931, a total of 118 national farm loan associations. From the beginning in April, 1917, to December 31, 1931, a total of 11,266 loans, aggregating \$35,678,600, had been made by the federal land bank in Colorado. Of these, 2,217, aggregating \$6,412,400, had been paid in full and cancelled, and 9,049 were in force at the close of 1931.

The federal land bank has disposed of 337 farms acquired through fore-

closure of loans in Colorado, of which 124 were sold for a gain of \$47,476.26 and 211 were sold for a loss of \$214,771.33, and two were sold for investment, the net loss being \$167,295.07. It owns 42 judgments for \$148,253.45, and 123 farms valued at \$487,630.31.

Joint stock land bank loans in Colorado up to January 31, 1932, aggregated \$13,066,489.91.

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 nearly 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
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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 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
1931	15,667,230

A table is published herewith showing the sources of internal revenue from Colorado for 1928 to 1931, inclusive, and for 1921. Most of the internal revenue comes from individual and corporation income taxes. These sources supplied 97.5 per cent of the total revenues in 1930.

Income-tax receipts for the Colorado district, by fiscal 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	12,656,644
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	12,048,416
1931	11,935,132	3,337,149	15,272,281

There were 7,317 corporation returns filed in the Colorado district in 1929, of which 3,311 reported net income, 2,474 reported no net income and 1,532 were inactive, reporting no income data. The 3,311 returns reporting net income showed a gross income of \$738,303,447 and a net income of \$52,349,386. The 2,474 returns reporting no net income showed a gross income of \$200,275,469 and a deficit of \$21,166,262. Transportation and other public utilities showed the largest net income of any in the major groups, 114 corporations reporting a gross income of \$116,935,244 and a net income of \$13,619,189. There were 95 in this group that reported a gross income of \$3,386,308 and a deficit of \$958,439. The trade group showed the largest gross income, 1,087 in this group reporting a gross income of \$250,040,709 and a net income of \$7,641,572. In this group 679 reported a gross income of \$78,972,306 and a deficit of \$5,043,723.

An accompanying table shows the gross and net income and gross income and deficit of all corporations by major groups in 1929. Another table shows the same data by years from 1916 to 1929, inclusive.

There were 31,268 individual income-tax returns filed in the Colorado district in 1929, reporting a net income of \$158,751,528, upon which the tax amounted to \$3,534,404. This tax total does not agree with receipts reported above, as the receipts are for the fiscal year and the income and tax are for the calendar year, the last two payments overlapping. The average net income per return in 1929 was \$5,077.12 and the average tax was \$113.04 per return. Personal exemption and credit for dependents amounted to \$96,731,299.

The distribution of the individual income returns in 1929 was as follows:

	No. of Returns	Net Income
Joint returns of husbands and wives.....	17,656	\$105,447,250
Single men—heads of families.....	2,253	8,755,738
Single women—heads of families.....	814	3,744,157
Single men—not heads of families.....	6,892	21,528,213
Single women—not heads of families..	2,925	11,896,278
Wives filing separate returns from husbands.....	728	7,379,892
Totals	31,268	\$158,751,528

The total income of the 31,268 persons making the above returns in 1929 was \$191,304,294. Deductions amounted to \$32,552,766, leaving a net income of

\$158,751,528. The sources of income were as follows:

Wages and salaries.....	\$ 68,499,794
Business	34,136,489
Partnership	10,173,444
Profit from sale of real estate, stocks, bonds, etc..	15,221,025
Capital net gain from sale of assets held more than two years	3,466,098
Rents and royalties.....	9,275,488
Interest on government obligations not wholly exempt	379,105
Dividends on stocks of domestic corporations	31,178,737
Fiduciary	1,925,385
Interest and other income...	17,048,729
Total income.....	\$191,304,294

General Deductions

Net loss from sale of real estate, stocks, bonds, etc..	\$ 4,282,108
Contributions	2,876,721
All others.....	25,393,937
Total deductions.....	\$ 32,552,766

Net income.....\$158,751,528

A table published herewith gives the number of individual income returns, the net income, the average income, the total tax and the average tax for the Colorado district by years.

Three persons in the Colorado district had aggregate incomes of \$2,256,688 in 1929, or an average of \$752,229 each. On the commonly accepted basis that net income is five per cent of principal, these three persons were worth \$45,133,760, or an average of \$15,044,588 each. On the same basis there were 181 persons in Colorado in 1929 who might be classed as millionaires. These 181 persons reported an aggregate net income of \$18,993,049, their incomes ranging from \$50,000 to \$500,000, or more.

The distribution of 1929 income, according to numbers and amounts, is as follows:

Income in Thousands	No. of Returns	Net Income
Under 5.....	23,595	\$ 63,216,228
5 under 10.....	5,123	34,788,933
10 under 25.....	1,990	28,885,355
25 under 50.....	379	12,867,963
50 under 100.....	129	8,573,461
100 under 150.....	30	3,543,260
150 under 250.....	10	1,790,590
250 under 500.....	9	2,829,050
500 under 1,000.....	3	2,256,688

Total 31,268 \$158,751,528

Non-taxable returns.....	14,257	\$ 37,398,408
Taxable returns.....	17,011	121,353,120

In 1929 there were 52 returns of estates of resident decedents, the aggregate gross estate amounting to \$23,487,394. Of these, 43, with a gross estate of \$22,065,382, were subject to \$750,134 tax, and nine, with a gross estate of \$1,422,012, were not subject to a tax.

INDIVIDUAL FEDERAL INCOME TAX RETURNS FOR COLORADO DISTRICT BY YEARS
(From Reports of the U. S. Bureau of Internal Revenue)

YEAR	Number Returns	Net Income		Tax	
		Total	Average	Total	Average
1916	4,435	\$ 53,854,130	\$12,143	\$ 1,055,758	\$238
1917	40,627	137,853,875	3,393	5,184,948	128
1918	54,160	159,487,951	2,945	5,844,925	108
1919	57,256	191,001,999	3,320	7,196,593	125
1920	74,198	219,277,184	2,955	6,766,900	91
1921	69,676	174,490,980	2,504	3,862,862	55
1922	67,463	184,572,407	2,736	4,869,555	72
1923	72,366	200,572,724	2,772	3,267,732	45
1924	73,350	205,087,973	2,796	3,162,736	43
1925	35,808	150,363,411	4,199	2,840,926	79
1926	35,110	154,804,655	4,409	2,959,248	84
1927	31,727	148,473,486	4,680	3,307,180	104
1928	31,091	158,931,875	5,112	4,459,057	143
1929	31,268	158,751,528	5,077	3,534,404	113

Note.—Changes in the revenue acts affect the comparability of the above figures.

CORPORATION INCOME RETURNS IN COLORADO BY MAJOR GROUPS IN 1929
(Compiled from Reports of the Bureau of Internal Revenue, U. S. Treasury Department)

	Corporations Reporting Net Income			Corporations Reporting No Net Income		
	No. Returns	Gross Income*	Net Income	No. Returns	Gross Income*	Deficit
Agriculture and related industries	174	\$ 6,261,058	\$ 804,239	156	\$ 10,551,645	\$ 1,541,702
Mining and quarrying	169	80,839,879	6,997,848	368	11,689,032	5,881,677
Manufacturing:						
Food products, beverages and tobacco	126	153,385,452	8,276,270	62	15,618,958	947,210
Textiles and textile products	18	2,945,080	125,449	20	2,862,338	113,938
Leather and leather products	5	1,505,183	15,736	7	457,109	23,333
Rubber and related products	3	6,776,341	557,299	2	2,061	915
Lumber and wood products	14	1,067,012	30,606	15	4,446,433	287,306
Paper, pulp and products	3	736,149	32,797	3	330,294	11,299
Printing and publishing	65	11,454,649	2,556,434	36	1,524,432	91,784
Chemicals and allied substances	32	4,328,781	394,057	27	422,715	77,069
Stone, clay and glass products	26	13,132,614	2,237,391	21	681,607	96,980
Metal and metal products	66	13,954,990	897,069	51	2,264,225	317,660
Manufacturing not elsewhere classified	37	2,977,755	106,740	29	899,273	171,636
Construction	56	5,250,864	253,743	49	3,853,132	429,123
Transportation and other public utilities	114	116,935,244	13,619,189	95	3,386,308	958,439
Trade	1,087	250,040,709	7,641,572	679	78,972,306	5,043,723
Service:						
Professional, amusements, hotels, etc.	285	14,687,075	1,245,857	193	8,776,472	1,012,437
Finance:						
Banking, insurance, real estate and holding companies, stock and bond brokers, etc.	1,008	51,893,996	6,537,387	639	53,326,998	4,094,722
Nature of business not given	23	130,616	19,703	22	206,118	65,309
Total	3,311	\$738,303,447	\$ 52,349,386	2,474	\$200,271,456	\$ 21,166,262

Note.—Total number of returns for 1929 was 7,317, of which 3,311 were corporations reporting net incomes, 2,474 were corporations reporting no net income, and 1,532 were inactive corporations reporting no income data.

*Gross income corresponds to total income as reported on the face of the returns, plus cost of goods sold.

CORPORATION INCOME RETURNS FOR THE COLORADO DISTRICT BY YEARS
(Compiled from U. S. Internal Revenue Reports)

YEAR	Corporations Reporting Net Income			Corporations Reporting No Net Income		
	No. of Returns	Gross Income	Net Income	No. of Returns	Gross Income	Deficit
1916	2,986	\$238,993,105	\$ 57,043,218	4,493	\$ 42,771,522	\$ 13,040,522
1917	3,539	673,894,965	96,761,318	4,079	48,956,851	12,506,521
1918	3,273	654,000,372	74,209,860	3,897	79,061,007	11,030,270
1919	3,107	807,999,998	79,287,797	3,597	165,788,176	16,828,247
1920	2,976	870,395,990	66,034,834	3,836	173,583,367	18,021,558
1921	2,340	486,204,976	34,041,045	4,219	318,578,783	134,544,456
1922	2,720	664,017,735	55,835,080	4,135	178,570,909	29,747,821
1923	2,636	686,561,409	60,490,802	3,708	175,895,200	25,414,654
1924	2,891	707,149,477	60,846,149	3,603	180,972,193	26,209,210
1925	2,983	821,001,998	60,448,005	3,416	161,788,373	26,159,041
1926	3,071	853,411,805	62,872,037	3,509	182,200,330	21,333,038
1927	3,144	745,766,162	47,758,479	2,291	292,356,251	27,717,330
1928	3,342	941,131,878	59,932,477	2,313	147,987,789	17,102,817
1929	3,311	738,303,447	52,349,386	2,474	200,275,469	21,166,262

Note.—Changes in the revenue acts affect the comparability of statistical data from income tax returns of corporations. Gross income in 1916 represents gross profit and does not include the cost of goods, as in later years. For 1916-1924, inclusive, gross income is incomplete, due to gross operating revenue of railroads and other public utilities not being completely tabulated. In all years excepting 1918, dividends received from stock of domestic corporations are included in gross income.

UNITED STATES INTERNAL REVENUE FROM COLORADO
(For fiscal years ending June 30)

Sources	1931	1930	1929	1928	1921
Income, individuals, partnerships and corporations	\$15,272,280	\$12,048,415	\$11,037,690	\$11,452,570	\$25,085,242
Estates, transfers of, gifts	193,975	153,801	150,095	65,364	2,210,595
Distilled spirits and alcohol beverages	17,238	20,690	25,457	29,189	20,974
Tobacco and tobacco manufacturers	14,544	19,812	25,284	25,540	271,071
Oleomargarine and adulterated butter	19,216	24,777	24,449	24,519	26,091
Documentary Stamp taxes:					
Revenue stamps sold by postmasters					254,102
Bonds, capital stock, conveyances, etc.	55,851	88,196	99,918	81,256	250,681
Capital stock transfers	5,987	14,318	15,126	9,515	35,611
Miscellaneous	652	1,031	1,040	1,091	15,075
Transportation					2,001,702
Telegraph and telephone					599,927
Insurance					47,553
Manufacturers' excise tax:					
Autos, trucks, tires, accessories, etc.				94	184,198
Candy					188,786
Miscellaneous				2,098	30,309
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	6,069	5,259	5,578	14,281	15,267
Corporation capital stock tax					804,134
Stock and produce brokers					19,554
Theatres, museums, circuses, bowling alleys, etc.				65,747	90,619
Admissions to theatres and club dues	78,300	84,142	80,627	70,421	1,106,057
Miscellaneous	3,118	8,009	73,972	37,615	19,049
Total, all sources	\$15,667,230	\$12,468,450	\$11,539,236	\$11,879,300	\$34,214,956

NUMBER OF EACH CLASS OF SPECIAL TAX PAYERS IN COLORADO
(For fiscal years ending June 30)

Class	1931	1930	1929	1928	1927	1926
Distilled Spirits:						
Retail dealers	36	31	28	30	20	31
Wholesale dealers	6	4	4	4	2	5
Oleomargarine:						
Manufacturers	2	2	2	1	1	1
Wholesale dealers	24	24	25	23	21	23
Retail dealers	2,037	2,502	2,461	2,363	2,611	2,228
Mixed flour manufacturers	1	1	1	1	1	1
Tobacco manufacturers .....	..	..	..	..	..	69
Corporations paying capital stock tax .....	..	..	..	..	..	3,721
Brokers .....	..	..	..	..	..	104
Proprietors billiard and pool tables and bowling alleys .....	..	..	..	..	..	875
Proprietors shooting galleries .....	..	..	..	..	..	6
Proprietors automobiles for hire .....	..	..	..	..	..	357
Opium, Cocoa, Etc.:						
Wholesale dealers	30	43	37	38	64	41
Retail dealers	539	494	525	510	905	521
Practitioners, hospitals, etc.	1,818	1,965	1,811	1,706	3,146	1,748
Dealers in untaxed narcotics	67	92	96	105	150	91
Totals	4,610	5,158	4,990	4,781	6,921	9,822

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 79 employes on June 30, 1931. The gross income of the mint for the fiscal year was \$192,524 and gross expenses were \$198,482.

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, 1931, aggregated 939,579,000 pieces, of a total value of \$451,746,755.

Denominations, value and number of pieces manufactured during this period were as follows:

	Value	Pieces
Double eagles ..	\$262,160,000	13,108,000
Eagles	59,092,800	5,909,280
Half eagles	26,463,300	5,292,660
Quarter eagles ..	2,704,200	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	15,150,380	151,503,800
Nickels	5,718,015	114,360,300
Cents	5,124,000	512,400,000
Totals	\$451,746,755	939,579,000

The mints of the United States have produced since the first mint was established in Philadelphia in 1793 down to the end of 1930 a total of 11,584,710,801 pieces of money valued at \$3,952,149,866.26.

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 \$11,274,487,113 on June 30, 1931, of which \$2,226,058,715 was held by the federal reserve banks, \$4,821,933,298 was in circulation and \$4,226,495,100 was money held in the treasury. The money in circulation was equal to \$38.86 per capita, which compares with \$36.71 per capita on June 30, 1930, and \$53.21 per capita on October 31, 1920.

The value and number of pieces manufactured in the Denver mint vary from year to year in accordance with demand. In 1930 there was a continued demand for one-cent bronze pieces

and that was the only type of coin minted in that year, the number being 40,100,000. In 1931 there were 106,500 double eagles, 1,260,000 dimes and 4,480,000 one-cent pieces coined.

Coinage for the calendar years of 1927 to 1931, 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
1931		
Double eagles	\$2,130,000	106,500
Dimes	126,000	1,260,000
Cents	44,800	4,480,000
Totals.....	\$2,300,800	5,846,500

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 C. A. Patton 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; Ori L. Phillips, of Denver; 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.

REPRESENTATIVES OF FOREIGN GOVERNMENTS

Belgium—Jean Mignolet, consul general, 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, consul, American National bank, Denver.

Great Britain—Temporary vacancy.

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, 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
1931	4,419

Distribution of permits in 1929 to 1931, inclusive, is as follows:

Dealers:	1931	1930	1929
Wholesale	32	24	38
Retail	499	513	515
Class 4*	1,665	1,797	1,755
Class 5 (a)	2,223	2,346	2,249
Totals	4,419	4,680	4,557

*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
1931	13	371

Convictions, aggregate sentences and fines imposed for violations of the narcotic laws by fiscal years are as follows:

	Number Convictions	Aggregate Sentences, Years	Fines Imposed
1924	51	27	\$ 2,215
1925	104	78	17,875
1926	56	27	9,400
1927	49	22	1,385
1928	46	58	275
1929	43	53	...
1931	36	81	100

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

Veterans' Administration Hospital No. 80 is located seven miles northeast of Las Animas, in Bent County, at Fort Lyon, Colorado.

The hospital formerly was owned by the United States navy department and was operated as a naval hospital for tuberculosis. At the close of the world war it was transferred to the United States Veterans' bureau and is now operated by the Veterans' Administration, Washington, D. C., in connection with the hospitalization of male veterans of any war, occupation or expedition.

The site comprises a square mile of ground and the numerous buildings cover 60 acres. The grounds are attractive, with paved streets and modern improvements. The entire plant represents an investment of approximately \$3,000,000. The hospital has a medical officer in charge, 18 medical officers and 405 employes, with a bed capacity of 600 patients. On February 9, 1931, a building of modern construction, costing approximately \$300,000, was opened for the treatment of neuropsychiatric diseases. A new clinical

building, to accommodate 200 patients, is contemplated during 1932, together with additional mess facilities.

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' quarters, 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 Reserve 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.

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 an instructor from the United States army is stationed. Lowry field has nine planes in service.

INDUSTRIAL ALCOHOL

There were two plants engaged in the production of alcohol for industrial purposes in operation in Colorado during the fiscal year ending June 30, 1931, under permits from the federal commissioner of industrial alcohol. Two bonded warehouses in which the product is stored under government supervision and two denaturing plants to make the alcohol unfit for human consumption also operated under permits. During the year there was produced and deposited in the warehouses 55,967 proof gallons of alcohol. This compares with 28,586 gallons in 1930 and 44,246 gallons in 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, in proof gallons, is as follows:

	1931	1930	1929
On hand.....	1,767	17,777	21,274
Produced and deposited in warehouses.	55,967	28,586	44,246
Withdrawn, tax paid.	14,666	17,746	22,220
Losses in warehouse	175	537	23
Withdrawn for hospital, scientific and educational uses .	13,241	14,183	14,320
Transfers to denaturing warehouses.	25,950	12,129	11,173
On hand end of year.	3,702	1,767	17,778

Materials used in producing the alco-

hol deposited in the warehouses in 1931 included the following:

	(in pounds)	
Corn	.....	96,000
Malt and malt sprouts	.....	63,505
Potatoes	.....	59,876
Pumpkin seed	.....	62

	(in gallons)	
Molasses	.....	60,752
Liquids containing one-half of 1 per cent of alcohol	.....	228,935

Total pounds	.....	219,443
Total gallons	.....	289,687

There were 33 manufacturers in the state in the year ending June 30, 1931, using specially denatured alcohol for manufacturing purposes, which used 8,560 gallons, compared with 33 manufacturers, using 8,983 gallons, in 1930, and 31 manufacturers, using 8,940 gallons, in 1929.

Tax-paid alcohol and other liquor received by physicians, hospitals, etc., during the fiscal year ending June 30, 1931, included the following:

Alcohol used in first-aid treatment, 14 gallons.

Hospitals engaged in treatment of recognized diseases received 26 gallons of alcohol and six gallons of whiskey.

Physicians received 1,251 gallons of alcohol.

Physicians of the homeopathic school received 49 gallons of alcohol.

Dentists received 735 gallons of alcohol.

Veterinarians received 29 gallons of alcohol.

Chiropractors and osteopaths each received one gallon of alcohol.

There were 1,546 permits in force in Colorado on June 30, 1931, which compares with 1,527 on the same date in 1930. Of those in effect in 1931, seven were to wholesale druggists, four were permits to transfer, 431 were permits to use intoxicating liquors in the manufacture of preparations unfit for use for beverage purposes and for experimental purposes, 36 were permits to use and sell, 1,003 were permits to physicians, five were permits to manufacture vinegar, three were permits to use syrups in manufacturing soft drinks, 39 were permits to hospitals, and 18 were permits to dentists, veterinarians, etc.

A new regulation went into effect permitting physicians to use prescription books. There were 1,898 physicians in the state on June 30, 1931, of whom 524, or 27.6 per cent, were using prescription books, and to these 296 prescription books had been issued.

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
1931	.....	3,290

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	24,647,687	37.15
State lands	3,076,570	4.64
Privately owned		
(assessed)	37,174,876	56.04
Unaccounted for, survey errors, etc.	1,441,987	2.17
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, 1931:

	Acres
Public domain, unappropriated and unreserved	7,657,140
Unperfected entries; public lands entered but not yet patented	2,131,471
National forests, excluding privately owned lands within their limits	13,323,566
Ute Indian lands; 39,461 privately owned and tribal; not taxed	396,000
National parks and monuments, excluding those within national forests and included in forest areas above	355,596
Carey Act withdrawals, including 23,000 relinquished by Colorado but not restored to entry on federal records	54,634
Power reserves of all classes	439,780
Reservoir sites	1,727
Reclamation, including only public lands in reclamation projects	5,000
Public water reserves	8,013
Naval oil reserves	64,560
Stock driveways	210,200
Total	24,647,687

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, 1931, since when there have been no important changes, showed the following:

Withdrawn Lands	Acres
Coal	4,142,200
Oil	215,300
Administrative sites.....	320
In aid of legislation.....	16,500
For classification.....	573,200
For national monument.....	60
For proposed monument.....	320
Pending re-survey.....	567,000
Public waters.....	9,300
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	3,082,300
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 of stock driveways, water reserves, patented stock-grazing homesteads and all other public lands coming under the provisions of the general leasing acts referred to.

Development of the minerals on public lands under the various leasing acts from the date of passage to June 30, 1931, show the following totals:

Coal

There were outstanding June 30, 1931, 81 leases aggregating 12,609 acres, 42 permits aggregating 22,952 acres and three licenses covering 120 acres. Production, in tons, since passage of the coal leasing act, and royal-

ties 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	490,446	59,550
1930	434,871	55,624
1931	396,389	53,540
Totals	4,592,282	\$433,352

At the close of the fiscal year of 1931 there were 79 producing leases, of which 16 were classified as shipping and 63 as wagon mines.

Oil and Gas

On June 30, 1931, there were 21 oil and gas leases in effect on public lands in Colorado, all being classed as producing, and 414 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
1931	665,320*	33,155
Totals	5,249,630	\$334,621

*Also 64,360 M cu. ft. of natural gas and 73,522 gallons of gasoline in 1929; 877,430 M cu. ft. of gas and 14,642 gallons of gasoline in 1930, and 1,709,179 M cu. ft. of natural gas and 17,916 gallons of gasoline in 1931.

Sodium

On June 30, 1931, there were two sodium prospecting permits outstanding on 2,160 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	*\$216,853
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
1931.	†53,540	33,155	86,695
Totals.....	\$433,351	\$334,621	*\$852,021

*Includes \$84,049 in miscellaneous royalty receipts.

†Includes \$1,000 in bonuses.

DISTRIBUTION OF PUBLIC LAND RECEIPTS

Under various public land laws the earnings from such lands within the state are distributed as follows:

From the sale of public lands and

fees and commissions in connection therewith Colorado receives nothing except a 5 per cent allotment from the net proceeds of the sales of agricultural lands lying within its borders. Public land states receive no part of the fees and commissions in connection with the disposition of such lands. Under that provision, 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 Payments to	
	Colorado	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
1931....	83,581	31,292
Totals.....	\$714,849	\$261,173

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.

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. Carl Jackson 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. Information as to the issuance of permits for alcohol, whiskey, wines, etc., quantities used, etc., and wine used for sacramental purposes will be found under the sub-heading "Industrial Alcohol."

The prohibition department omitted for reasons of economy the detailed annual report for the fiscal year ending June 30, 1931, but a summary of operations in Colorado for that period is as follows:

Criminal Cases:

Cases on the docket June 30, 1930	181
Cases in which arrests were made	309
Held by commissioner.....	300
Cases placed on docket.....	192

Terminations:

By convictions:	
Verdicts of guilty.....	16
Pleas of guilty.....	134
By acquittals, nolle prossed, etc.	115

Unfinished cases on docket June 30, 1931.....	108
Average jail sentence (days)....	171.4
Average fine.....	\$336.04

Equity:

Permanent injunctions granted	18
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Law:

Judgments of forfeiture.....	2
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Seizures:

Autos	126
Stills	46
Beer fermenters	54
Beer (gallons).....	1,280
Spirits (gallons).....	2,934
Wine (gallons)	1,320

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
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

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 subdivision of the commonwealth to determine by vote whether that subdivision 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 in 1926 and was defeated.

In 1932 a proposal to amend the constitution by a measure repealing all existing legislation and constitutional provisions governing the question of intoxicating liquors, and providing that the traffic shall be governed by legislative regulation, was submitted to

popular vote. The measure, which becomes effective June 30, 1933, was carried by a majority of 50,540.

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
1932	233,311	182,771

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.

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	1,737	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
Eagle	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	1,151	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	3,800	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. See preceding page for result of 1932 election on prohibition repeal.

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. 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, and members of the national guard and other persons who devote only a part of their time to governmental service.

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 coextensive. 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 287. 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

Territorial Representatives

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. Bonyng (R)..... 1903-1909
 Herschel M. Hogg (R)..... 1903-1907
 Franklin E. Brooks (R)..... 1903-1907
 George W. Cook (R)..... 1907-1909
 Warren A. Haggot (R)..... 1907-1909
 Atterson W. Rucker (D)..... 1909-1913
 John A. Martin (D)..... 1909-1913
 Edward Keating (D)..... 1913-1919
 George J. Kindel (D)..... 1913-1915
 H. H. Seldomridge (D)..... 1913-1915
 B. C. Hilliard (D)..... 1915-1919
 William N. Vaile (R)..... *1919-1927
 S. Harrison White (D)..... 1927-1928
 Charles B. Timberlake (R).... 1915-1933
 Guy U. Hardy (R)..... 1919-1933
 William R. Eaton (R)..... 1928-1933
 Edward T. Taylor (D)..... 1909-
 Lawrence Lewis (D)..... 1933-
 Fred Cummings (D)..... 1933-
 John A. Martin (D)..... 1933-

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).... *1927-1932
 Edward P. Costigan (D)..... 1931-
 Walter Walker (D)..... 1932
 Karl C. Schuyler (R)..... 1932-1933
 Alva B. Adams (D)..... 1933-

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
 Wilbur M. Alter..... 1928-1933
 Haslett P. Burke..... 1919-
 John Campbell..... 1895-1913, 1923-
 John T. Adams..... 1925-
 Charles C. Butler..... 1927-
 Julian H. Moore..... 1929-
 Benjamin C. Hilliard..... 1931-
 Francis E. Bouck..... 1933-

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.....	1927-1933
Edwin C. Johnson.....	1933

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. Fitzgarrald.....	1909-1915
Moses E. Lewis.....	1915-1917
James E. Pulliam.....	1917-1919
George Stephan.....	1919-1921
Earl Cooley.....	1921-1923
Robert F. Rockwell.....	1923-1925
Stirling B. Lacy.....	1925-1927
George M. Corlett.....	1927-1931
Edwin C. Johnson.....	1931-1933
Ray H. Talbot.....	1933

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. Bisbane.....	1889-1891
James N. Carlile.....	1891-1893
Albert Nance.....	1893-1895
Harry E. Mulnix.....	1895-1897
George W. Kephart.....	1897-1899
John H. Fesler.....	1899-1901
James N. Chipley.....	1901-1903
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.....	1931-1933
Homer F. Bedford.....	1933

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.....	1931-1933
Benj. F. Stapleton.....	1933

Attorney General

A. J. Sampson.....	1877-1879
Charles W. Wright.....	1879-1881
Charles Toll.....	1881-1883
D. C. Army.....	1883-1885
Theodore H. Thomas.....	1885-1887
Alvin Marsh.....	1887-1889
Samuel W. Jones.....	1889-1891
Joseph H. Maupin.....	1891-1893
Eugene Engley.....	1893-1895
Byron L. Carr.....	1895-1899

David M. Campbell.....	1899-1901
Charles C. Post.....	1901-1903
Nathan C. Miller.....	1903-1907
William H. Dickson.....	1907-1909
John T. Barnett.....	1909-1911
Benjamin 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.....	1925-1923
Robert E. Winbourn.....	*1929
John S. Underwood.....	*1930
Clarence L. Ireland.....	1931-1933
Paul P. Prosser.....	1933

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.....	1905-1909
Katherine Cook.....	1909-1911
Helen M. Wixon.....	1911-1913
Mary C. C. Bradford.....	1913-1921
Katherine L. Craig.....	1921-1923
Mary C. C. Bradford.....	1923-1927
Katherine L. Craig.....	1927-1931
Inez Johnson Lewis.....	1931

DISTRICT JUDGES AND DISTRICT ATTORNEYS

Note—Terms of District Judges and District Attorneys expire January 12, 1937. Salary of District Judges is \$4,000 per annum.

District	Judge	Party	District Attorney	Party	Address
First—Gilpin, Clear Creek, Arapahoe, Jefferson, Adams	Johnson, Samuel W.	D	Behm, Harry	D	Brighton
Second—Denver	McDonough, Frank, Sr. Calvert, H. A. Dunklee, George F. Holland, E. V. Sackmann, Charles C. Starkweather, Jas. C. Steele, Robert W.	R R D D R R D	Wettengel, Earl	R	Denver
Third—Baca, Bent, Huerfano, La S Animas, Prowers	Hollenbeck, A. F. McChesney, A. C.	D D	East, John L.	D	Walsenburg
Fourth—Cheyenne, Douglas, Elbert, El Paso, Kit Carson, Lincoln, Teller...	Cornforth, Arthur Young, John C.	R D	Starrett, Clyde L.	D	Colorado Springs
Fifth—Eagle, Lake, Summit	*Bouck, Francis E.	D	Meehan, Wm. J.	D	Eagle
Sixth—Archuleta, Dolores, La Plata, Montezuma, San Juan.....	O'Rourke, John B.	D	Noland, James M.	D	Durango
Seventh—Delta, Gunnison, Hinsdale, Mesa, Montrose, Ouray, San Miguel..	Bruce, George W. Logan, Straud M.	D R	Haywood, Wm. F.	D	Grand Junction
Eighth—Boulder, Jackson, Larimer, Weld.....	Coffin, Claude C. Graham, Neil F.	R D	Baker, Herbert M.	D	Longmont
Ninth—Pitkin, Garfield, Rio Blanco	Shumate, John T.	D	Delaney, Frank	D	Glenwood Springs
Tenth—Crowley, Kiowa, Otero, Pueblo.....	Trimble, Samuel D. Voorhees, John H.	D D	Taylor, French L.	D	Pueblo
Eleventh—Chaffee, Custer, Fremont, Park.....	Cooper, James L.	R	Locke, James T.	D	Canon City
Twelfth—Alamosa, Conejos, Costilla, Mineral, Rio Grande, Saguache.....	Palmer, John I.	R	Haynie, L. M.	D	Manassa
Thirteenth—Logan, Morgan, Phillips, Sedgwick, Washington, Yuma.....	Munson, Halley E. Taylor, Arlington	R R	Johnson, Roy T.	R	Sterling
Fourteenth—Grand, Moffat, Routt	Herrick, C. H.	D	Monson, C. R.	D	Steamboat Sps.

*Elected to Colorado Supreme Court. Vacancy to be filled by appointment.

COLORADO STATE OFFICIALS FOR 1933-1934.

(Note—This list includes officers holding over or elected at the November, 1932, election. Officers retiring after that election, except for one vacancy appointment, appear in the Year Book for 1931.

United States Senators

Edward P. Costigan..Dem.....Term: March 4, 1931, to March 4, 1937
 Walter Walker.....Dem.....Appointed to fill vacancy due to the death of Charles W. Waterman, serving to Dec. 7, 1932.
 Karl C. Schuyler....Rep.....Elected to fill vacancy. Term Dec. 7, 1932, to March 4, 1933.
 Alva B. Adams.....Dem.....Term: March 4, 1933, to March 4, 1939.

The salary of a United States senator is \$9,000 per annum.

Congressmen

Lawrence Lewis.....Dem.....First District.....Denver
 Fred Cummings.....Dem.....Second District.....Fort Collins
 John A. Martin.....Dem.....Third District.....Pueblo
 Edward T. Taylor.....Dem.....Fourth District..Glenwood Springs

Terms of all congressmen expire March 4, 1935. The salary is \$9,000 per annum.

Executive State Officers

GovernorEdwin C. Johnson.....Dem.....Craig
 Lieutenant-GovernorRay H. Talbot.....Dem.....Pueblo
 Secretary of State.....Charles M. Armstrong.....Rep.....Denver
 TreasurerHomer F. Bedford.....Dem.....Greeley
 AuditorBenjamin F. Stapleton.....Dem.....Denver
 Attorney General.....Paul P. Prosser.....Dem.....Denver
 Supt. Public Instruction.....Inez Johnson Lewis.....Dem..Colorado Springs

Terms of state executive officials expire in January, 1935. Salaries per annum are as follows: Governor, \$5,000; lieutenant-governor, \$1,000; treasurer, \$5,000; 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, Rep., Chief Justice, Alamosa
 Charles C. Butler, Rep., Denver John Campbell, Rep., Colorado Springs
 Haslett P. Burke, Rep., Sterling Julian H. Moore, Rep., Denver
 Benjamin C. Hilliard, Dem., Denver Francis E. Bouck, Dem., Leadville

The justices of the supreme court receive salaries of \$5,000 and are elected for terms of ten years.

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.

STATE SENATORS
(29th General Assembly)

Key: R. Republican; D. Democrat; H-O. Holdover; E. Elected in 1932; Jerm, November, 1932-November, 1936. The term of Holdover Senators expires November, 1934.

Dist.	Name	Party	Address	Counties in District
1st	Gilliam, Edward R.	D.E.	1330 High St., Denver	Denver
	Healey, John F., Jr.	D.E.	1601 Adams St., Denver	Denver
	Hill, Vera S.	D.E.	715 E. 10th Ave., Denver	Denver
	Ammons, Teller	D.H-O	2062 Eudora St., Denver	Denver
	Kettering, Chas. E.	D.H-O	1361 Bellaire St., Denver	Denver
	Manley, George C.	R.H-O	755 Lafayette St., Denver	Denver
	Quiat, Ira L.	D.H-O	2388 Ash St., Denver	Denver
2nd	Horn, Chas. F.	D.H-O	111 W. 12th St., Pueblo	Pueblo
	Ritchie, Curtis P.	D.E.	1101 E. 8th St., Pueblo	Pueblo
3rd	Brady, Emory J.	R.H-O	Colorado Springs	El Paso
	Elliot, David	R.E.	Colorado Springs	El Paso
4th	Madrid, J. M.	R.E.	Trinidad	Las Animas
5th	Affolter, Edward	D.E.	Boulder	Boulder
6th	Ehrhart, Thos. J.	D.H-O	Centerville	Chaffee, Lake
7th	Wheeler, Chas. F.	D.E.	Greeley	Weld
8th	Broad, Richard, Jr.	R.E.	Golden	Jefferson
9th	Smith, Lynn	D.E.	Florence	Fremont
10th	Warren, Nate C.	R.H-O	Fort Collins	Larimer
11th	Hotchkiss, Clair	D.E.	Hotchkiss	Gunnison, Delta
12th	King, John H.	D.H-O	Sterling	Logan, Sedgwick, Phillips, Washington, Yuma
13th	Walbridge, L. B.	D.E.	Meeker	Jackson, Routt, Rio Blanco, Moffat
14th	Unfug, Adolph	R.H-O	Walsenburg	Costilla, Huerfano, Custer
15th	Headlee, A. Elmer	D.H-O	Monte Vista	Rio Grande, Saguache, Mineral
16th	Bannister, Ollie E.	D.H-O	Grand Junction	Mesa
17th	Knous, Lee	D.H-O	Montrose	Dolores, Montrose, San Miguel
18th	Rumbaugh, Chas. F.	D.H-O	Pagosa Springs	Archuleta, Hinsdale, Ouray, San Juan
19th	Sanders, Grant	D.E.	Durango	La Plata, Montezuma
20th	Peiffer, Vernon	D.H-O	Cripple Creek	Teller, Park
21st	Gaylord, Fred	D.E.	Rifle	Eagle, Garfield, Pitkin
22nd	Houston, Harvey H.	D.E.	Aurora	Adams, Arapahoe, Morgan
23rd	Hunter, D. E.	D.E.	Manzanola	Crowley, Otero
24th	Christensen, Fred T.	D.E.	Sanford	Conejos, Alamosa
25th	Tempel, Fred A.	R.H-O	Wiley	Baca, Bent, Kiowa, Prowers
26th	Herrin, V. C.	D.E.	Idaho Springs	Clear Creek, Gilpin, Grand, Summit
27th	Nelson, Henry C.	R.H-O	Cheyenne Wells	Kit Carson, Cheyenne, Douglas, Elbert, Lincoln

Note.—The senate is composed of 26 Democrats and 9 Republicans.

STATE REPRESENTATIVES

(29th General Assembly)

Note.—Terms of Representatives expire November, 1934.

District	Name	Party	Address
Adams	Preston, Willard B.	R	Adena
Alamosa	Woodard, Dave S.	D	212 Poncha Ave., Alamosa
Arapahoe-Elbert	Prather, A. G.	D	3361 So. Logan St., Englewood
Boulder	Burke, Robert F.	D	R. F. D. No. 1, Boulder
Boulder	Bixler, Frank	R	R. F. D., Lafayette
Chaffee	Burnett, J. A.	D	Poncha Springs
Clear Creek	Barrick, Wm. H.	D	Dumont
Conejos	*Atencio, H. J.	R	La Jara
Crowley-Otero	Trainor, J. J.	D	Ordway
Crowley-Otero	Bishop, N. D.	D	La Junta
Delta	Tinsley, A. C.	D	Paonia
Denver	Morris, David H.	D	2968 Birch St., Denver
Denver	Constantine, Joseph P.	D	1649 St. Paul St., Denver
Denver	Brownlow, James A.	D	637 So. Corona St., Denver
Denver	Newman, Joseph Evans	D	548 Logan St., Denver
Denver	Hirschfeld, A. B.	D	1474 Bellaire St., Denver
Denver	Vincent, Craig S.	D	801 E. 8th Ave., Denver
Denver	Keating, Bert	D	4336 Zuni St., Denver
Denver	Cullen, William E.	D	3208 Curtis St., Denver
Denver	Palmer, Robert S.	D	1312 Lafayette St., Denver
Denver	Moynahan, James S.	D	1520 Glenarm St., Denver
Denver	Burns, T. Mitchell, Jr.	R	360 Clermont St., Denver
Denver	Kavanagh, Wm. P.	D	1474 Clayton St., Denver
Douglas	Seidensticker, Edward G.	R	Castle Rock
Eagle	Johns, Harry C.	D	Gypsum
El Paso	Hillman, Charles A.	D	Calhan
El Paso	Hinkley, William Charles	D	1122 N. Cascade, Colorado Springs
El Paso	Higby, W. E.	R	Monument
Fremont	McCandless, Charles G.	R	711 W. 8th St., Florence
Garfield-Rio Blanco	Oldland, R.	D	Meeker
Gilpin	Parfet, Wilbur S.	R	Central City
Gunnison	Fogg, H. H.	D	Gunnison
Hinsdale-Archuleta-Mineral	Fisher, Royal I.	D	Creede
Huerfano-Costilla	Barron, Joseph A.	D	Walsenburg
Jefferson	Johnston, David C.	D	Golden
Kiowa-Bent	Rogers, Byron G.	D	752 Grand Ave., Las Animas
Lake	Hoefnagels, Edward J.	D	301 W. 7th St., Leadville
La Plata	Childress, T. E.	D	1015 Fifth Ave., Durango
Larimer	Irwin, George Beverly	D	308 E. Magnolia St., Fort Collins
Las Animas	Day, William H.	D	126 Cedar St., Trinidad
Las Animas	McDonald, Andy	R	El Moro
Lincoln-Kit Carson-Cheyenne	Dunn, Duncan	D	Kit Carson
Logan-Sedgwick	Jankovsky, Joe C.	D	Ovid
Mesa	Aspinall, Wayne N.	D	Palisade
Montezuma-Dolores	Calkins, Royal W.	R	Cortez
Montrose	Wilson, J. Carl	D	Olathe
Morgan-Washington	White, Glenn S.	D	403 Walnut St., Fort Morgan
Ouray	Mowatt, Thomas	D	Ouray
Phillips-Yuma	Weeks, H. E.	D	Eckley
Pitkin	Twining, Warren H.	D	Aspen
Pueblo	England, W. J.	D	123 W. Evans Ave., Pueblo
Pueblo	Dameron, Thomas H.	D	1709 Berkley Ave., Pueblo
Pueblo	Hoag, Walter	D	1901 Court St., Pueblo
Pueblo	Caufield, Sterling	D	Avondale
Pueblo	Hudson, Guy	D	Wiley
Rio Grande	Harney, R. E.	D	
Routt-Moffat	Poppen, A. H.	D	Steamboat Springs
Saguache-Custer	Sutley, M. M.	D	Center
San Juan	McNaughton, D. C.	D	1434 Reese St., Silverton
San Miguel	Wood, A. T.	D	Placerville
Summit-Grand-Jackson	Galloway, James D.	R	Breckenridge
Teller-Park	Hallen, George	D	Garo
Teller-Park	Miller, George A.	D	Como
Weld	LaFollette, Albert A.	D	1002 5th St., Greeley
Weld	Smith, Moses E.	D	Ault

*Contest pending.

Note.—The House of Representatives is composed of 54 Democrats and 11 Republicans.

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)

Dis-trict	Under Present Apportionment				Under New Apportionment						
	No. of Senators	Counties	Area in Sq. Miles	Total Population	Total Assessed Valuation	Dis-trict	No. of Senators	Counties	Area in Sq. Miles	Total Population	Total Assessed Valuation
1st	7	Denver	58	287,861	\$459,992,853	1st	8	Denver	58	287,861	\$459,992,853
2nd	2	Pueblo	2,433	66,038	83,025,130	2nd	2	Pueblo	2,433	66,038	83,025,130
3rd	2	El Paso	2,121	49,570	75,322,405	3rd	2	El Paso	2,121	49,570	75,322,405
4th	1	Las Animas	4,809	36,008	41,974,002	4th	1	Las Animas	4,809	36,008	41,974,002
5th	1	Boulder	764	32,456	47,414,950	5th	1	Boulder	764	32,456	47,414,950
6th	1	Chaffee and Lake	1,454	13,025	17,345,985	6th	1	Chaffee, Park, Teller, Gilpin and Clear Creek	4,394	32,323,327	47,414,950
7th	1	Weld	4,022	65,997	102,130,907	7th	2	Weld	4,394	32,323,327	102,130,907
8th	1	Jefferson	808	21,810	28,644,700	8th	2	Jefferson and Douglas	4,022	65,997	102,130,907
9th	1	Fremont	1,557	18,896	22,871,813	9th	1	Fremont and Custer	1,653	25,308	40,482,405
10th	1	Larimer	2,629	33,137	52,357,595	10th	1	Larimer	2,304	21,020	25,347,248
11th	1	Gunnison and Delta	4,380	19,731	30,348,200	11th	1	Delta, Gunnison and Hinsdale	2,629	33,137	52,357,595
12th	1	Logan, Phillips, Sedgwick, Washington and Yuma	7,929	54,527	105,660,018	12th	1	Logan, Sedgwick and Phillips	5,351	20,180	31,527,183
13th	1	Jackson, Moffat, Rio Blanco and Routt	11,822	18,579	33,531,329	13th	1	Rio Blanco, Moffat, Routt, Jackson and Grand	3,041	31,323	64,941,184
14th	1	Costilla, Custer and Huerfano	3,432	24,965	24,437,836	14th	1	Huerfano, Costilla and Alamosa	13,688	20,687	40,420,009
15th	1	Mineral, Rio Grande and Huerfano	4,897	16,843	23,388,009	15th	1	Saguache, Mineral, Rio Grande and Conejos	3,412	31,443	31,457,571
16th	1	Saguache	3,163	25,908	30,755,510	16th	1	Mesa	6,149	26,646	32,593,579
17th	1	Dolores, Montrose and San Miguel	4,595	15,338	18,752,949	17th	1	Montrose, Ouray, San Miguel and Dolores	3,163	25,908	30,755,510
18th	1	Archuleta, Hinsdale, Ouray and San Juan	3,163	7,372	13,704,793	18th	1	Kit Carson, Cheyenne, Lincoln and Kiowa	5,114	17,122	22,845,402
19th	1	La Plata and Montezuma	3,902	20,773	21,502,450	19th	1	San Juan, Montezuma, La Plata and Archuleta	8,304	25,084	66,396,508
20th	1	Teller and Park	2,789	6,133	13,534,720	20th	1	Washington and Yuma	5,575	25,912	30,025,807
21st	1	Eagle, Garfield and Pitkin	5,746	15,669	30,987,021	21st	1	Garfield, Summit, Eagle, Lake and Pitkin	4,888	23,204	40,718,834
22nd	1	Adams, Arapahoe and Pitkin	7,504	38,252	62,647,450	22nd	1	Arapahoe and Elbert	6,766	21,555	42,055,422
23rd	1	Morgan	3,390	61,176	83,861,291	23rd	1	Otero and Crowley	2,699	23,227	40,484,992
24th	1	Crowley and Otero	2,967	30,324	41,862,338	24th	1	Adams and Morgan	2,067	30,324	41,862,338
25th	1	Conejos and Alamosa	1,979	18,405	19,300,640	25th	1	Bent, Prowers and Baca	5,706	38,529	59,905,062
26th	1	Baca, Bent, Kiowa and Prowers	7,504	38,252	62,647,450	26th	1	Bent, Prowers and Baca	5,706	38,529	59,905,062
27th	1	Clear Creek, Gilpin, Grand and Summit	3,037	6,462	20,009,703	27th	1	Bent, Prowers and Baca	5,706	38,529	59,905,062
28th	1	Cheyenne, Douglas, Elbert, Cheyenne and Lincoln	9,208	31,376	81,708,206	28th	1	Bent, Prowers and Baca	5,706	38,529	59,905,062
Total	35		103,658	1,035,791	\$1,586,462,903	Total	35		103,658	1,035,791	\$1,586,462,903

Note—At the election in November, 1932, a measure providing for a new legislative apportionment was submitted to popular vote and carried. It will become effective at the election in November, 1934.

REPRESENTATION IN THE STATE HOUSE OF REPRESENTATIVES
(Based on United States Census for 1930 and State Tax Commission Reports for 1930)

Under Present Apportionment				Under New Apportionment					
Countries in Representative District	No. of Representatives	Area in Sq. Miles	Total Population	Total Assessed Valuation	Countries in Representative District	No. of Representatives	Area in Sq. Miles	Total Population	Total Assessed Valuation
Denver	12	58	287,861	\$459,992,853	Denver	15	58	287,861	\$459,992,853
Pueblo	4	2,433	66,038	83,025,130	Pueblo	4	2,433	66,038	83,025,130
El Paso	3	2,121	49,570	75,322,405	El Paso	3	2,121	49,570	75,322,405
Weld	1	4,622	65,097	102,130,907	Weld	4	4,022	65,097	102,130,907
Larimer	2	2,629	33,137	52,357,595	Larimer and Jackson	2	4,261	34,523	56,028,335
Boulder	1	764	32,456	47,414,950	Boulder	2	764	32,456	47,414,950
Mesa	1	3,163	25,908	30,755,510	Mesa	2	3,163	25,908	30,755,510
Las Animas	2	4,809	36,008	13,974,002	Las Animas	2	4,809	36,008	13,974,002
Teller and Park	1	1,557	18,896	22,871,813	Las Animas	2	4,809	36,008	13,974,002
Fremont	2	2,067	30,324	41,862,338	Park, Teller and Douglas	1	3,634	9,691	25,572,425
Crowley and Otero	1	808	21,810	24,643,700	Fremont and Custer	1	2,304	21,020	25,947,248
Jefferson	1	2,639	29,227	40,438,992	Crowley and Otero	2	2,067	30,324	41,862,338
Arapahoe and Rio Blanco	1	6,330	12,955	24,008,570	Jefferson	1	808	21,810	28,644,700
Garfield and Elbert	1	1,201	14,204	14,688,735	Arapahoe and Elbert	2	2,699	29,227	40,438,992
Delta	1	2,264	11,742	12,050,322	Rio Blanco and Garfield	1	6,330	12,955	24,008,570
Montrose	1	1,252	9,803	9,205,570	Delta	1	1,201	14,204	14,688,735
Conjosa	1	727	8,602	10,095,070	Montrose and Ouray	1	2,783	13,526	16,143,375
Alamosa	1	1,262	20,245	32,186,300	Conjosa and Archuleta	1	2,472	13,007	13,842,489
Adams	1	1,019	1,770	3,816,490	Alamosa and Costilla	1	1,912	14,381	15,388,480
Pitkin	1	1,851	12,975	15,351,155	Adams	1	1,262	20,245	32,186,300
La Plata	1	371	4,899	7,487,065	Eagle, Pitkin, Summit, Clear Creek and Gilpin	1	3,810	10,048	24,995,569
Lake	1	898	9,953	11,137,246	La Plata and San Juan	1	2,304	14,910	19,147,643
Rio Grande	1	1,083	8,126	9,858,980	Lake and Chaffee	1	1,454	13,025	17,345,985
Chaffee	1	3,907	27,875	43,640,236	Rio Grande and Mineral	1	1,764	10,593	12,804,545
Morgan and Washington	1	3,800	2,155	5,434,895	Morgan	1	1,286	18,284	27,718,762
Clear Creek	1	132	1,212	3,204,732	Washington	1	2,521	9,591	15,921,474
Gilpin	1	519	1,784	4,092,453	Routt, Moffat and Grand	1	8,833	16,321	30,953,174
Ouray	1	453	3,796,488	4,922,453	San Miguel, Dolores and Montezuma	1	4,852	11,394	12,943,322
San Juan	1	453	3,796,488	4,922,453	Baca	1	2,552	10,570	14,318,800
Logan and Sedgwick	1	2,353	25,526	49,526,549	Sedgwick and Phillips	1	1,219	11,377	28,885,323
Phillips and Yuma	1	3,055	19,410	40,211,995	Logan	1	1,822	19,946	36,555,861
Gunnison	1	3,179	5,597	15,659,405	Yuma	1	2,367	13,613	24,797,360
Saguache and Custer	1	3,850	8,374	13,658,899	Hinsdale, Gunnison and Saguache	1	7,283	12,226	27,421,852
Douglas	1	845	3,498	11,837,705	Huerfano	1	1,500	17,062	16,069,091
Lincoln, Kit Carson and Cheyenne	1	6,506	21,238	53,891,738	Kit Carson	1	2,159	9,725	21,154,833
Kiowa and Bent	1	3,322	12,920	25,764,640	Lincoln and Cheyenne	1	4,347	11,573	21,236,905
Prowers and Baca	1	4,182	25,332	35,882,510	Kiowa and Bent	1	3,322	12,920	26,764,640
San Miguel	1	1,288	2,184	4,635,150	Prowers	1	3,094	14,762	21,564,010
Archuleta, Hinsdale and Mineral	1	3,057	4,293	7,483,151	Total	65	103,658	1,035,791	\$1,586,462,903
Moffat and Routt	1	6,967	14,213	24,064,494					
Grand, Jackson and Summit	1	4,147	4,481	15,040,815					
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					
Total	65	103,658	1,035,791	\$1,586,462,903					

Continued on next page

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)

		Under Present Apportionment						Under New Apportionment							
District	Representation	For Each Senator			For Each Representative			District	Representation	For Each Senator			For Each Representative		
		Sq. Mi.	Pop.	Valuation	Sq. Mi.	Pop.	Valuation			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	Denver	8 Sen. 15 Rep.	7.25	35,983	\$57,499,107	3.9	19,191	\$30,666,190
Pueblo	2 Sen. 4 Rep.	1,216	33,019	41,512,565	608	16,510	20,756,283	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	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	Boulder	2 Rep.				382	16,228	23,707,475
Las Animas	2 Rep.				2,405	18,004	20,987,001	Las Animas	2 Rep.				2,405	18,004	20,987,001
Crowley and Otero	2 Rep.				1,034	15,162	20,331,169	Crowley and Otero	2 Rep.				1,034	15,162	20,331,169
Teller and Park	2 Rep.				1,394	3,096	6,867,360	Arapahoe and Elbert	2 Sen. 4 Rep.	2,011	32,549	51,065,454	1,006	16,274	25,532,727
Weld	2 Rep.				2,011	32,549	51,065,454	Weld	2 Rep.				1,532	12,954	15,377,755
								Mesa	2 Rep.						
								Larimer and Jackson	2 Rep.				2,131	17,262	28,041,168

ELECTED COUNTY OFFICIALS, 1933

COUNTY	CLERK	TREASURER	ASSESSOR	SHERIFF
Adams	Earle J. Tripp	Ben Shearston	J. W. Tarlton	Lee Templeton
Alamosa	Chas. M. VanFleet	A. C. Kline	Olof Bergman	Maurice Smith
Arapahoe	E. E. Anderson	Claude Cartwright	H. C. Ohlman	Edward E. Monzigo
Archuleta	Philip R. Johnson	Fred Catchpole	Kenneth D. Hill	John H. Lattin
Baca	Walter P. Powell	Jason L. Beatty	V. L. Finch	D. T. Potter
Bent	Bernice Limbach	Arthur S. Dean	C. N. Troup	Casto Dunavin
Boulder	Fred W. Burger	Herman A. Lenartz	Aylwin A. Smith	George A. Richart
Chaffee	A. W. Samson	Chas. C. White	Theo. M. Jacobs	H. J. Swain
Cheyenne	Thos. H. McKown	Jennie E. Ross	R. A. Martinson	Phil Hollander
Clear Creek	C. S. Work	W. E. Walthers	Edmund Rowse	Edward J. Burns
Conejos	Kit Carson	Benj. Espinoza	J. C. Salazar	J. Parley Haynie
Costilla	J. J. Jaramillo	W. Dryden Smith	Anastacio Sanchez	Adolfo Rodriguez
Crowley	R. R. Franklin	J. J. O'Connell	A. W. Drescher	Wiley J. Woodruff
Custer	Williard A. Walker	L. H. Schoolfield	Fred W. Stewart	Mel H. Manning
Delta	Paul K. Osborne	Clement A. Bowle	T. C. Wand	Ray Lockhart
Denver*				
Dolores	Earl Eyre	H. G. Keown	E. E. Ballenger	Emil Baer
Douglas	Arch Curtis	Wm. T. Jones	Hugh L. Shellabarger	C. H. Lowell
Eagle	Nettie M. Cave	Harry S. Dickerson	N. E. Bucholz	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	Katherine Komfala	Thos. M. Warner	Blake Rogers	D. P. VanBuskirk
Garfield	Walter J. Frost	Charles H. Durant	Erle E. Hubbard	George L. Winters
Gilpin	Clifford I. Farsons	Hugh L. Lawry	William O. Ziege	Oscar Will am
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	Walter E. Vernon	Hugh A. Coburn
Huerfano	Damacio Vigil	F. H. Danford	Felix B. Mastes	Harry J. Capps
Jackson	L. F. Mitchell	Florence A. Wilkins	Wm. H. Winscom	John D. Bulis
Jefferson	M. C. Everitt	S. A. Koenig	Paul V. Pattridge	James G. Biggins, Jr.
Kiowa	Mark Clay	C. W. Coughenour	A. A. Hall	W. P. Mayne
Kit Carson	Orville Swaim	Claus Rose, Jr.	Leonard I. Dawson	C. C. Gates
Lake	John Gregory	Frank E. Kendrick	John J. Bohem	Morgan Walsh
La Plata	Edith C. Kiel	E. A. Chubb	Chas. H. Conroy	H. T. Ayres
Larimer	Hervey D. Hubbell	C. S. Ikes	H. K. Mitton	George Saunders
Las Animas	Edward G. Hower	F. Elmer Dunlavy	A. Tom McCarty	Elijah A. Duling
Lincoln	John Abell	A. C. Moschel	Guy Hicks	John Johnson
Logan	Samuel J. Neely	Wm. F. Alexander	Robert H. Swinney	Ray R. Powell
Mesa	E. W. Jordan	W. S. Meek	Jas. F. Shults	Chas. S. Lumley
Mineral	H. D. Barnhart	Wm. T. Jackson	John J. Weaver	William Orthen
Moffat	M. E. McMahan	L. W. Failing	W. O. Miner	Tom G. Blevins
Montezuma	Mabel C. Waldron	Claude H. Wilson	John G. Dunning	W. W. Dunlap
Montrose	Ira C. Foster	F. E. Spencer	C. I. Moore	A. M. McNally
Morgan	Loyal O. Baker	Edw. H. Madison	Robert Glassey	Rufus A. Johnston
Otero	C. M. Wilson	W. Lucas Woodall	Mac. V. Danford	Ralph J. Whitton
Ouray	Harold F. Kiesel	Harry E. Stark	Patricio Stealey	Jess M. Wood
Park	Harry L. Moyer	Glen A. Young	James T. Witcher	Neal W. Brown
Phillips	Emma S. Kramer	Ray Crosby	Roy E. Owens	Frank A. Berger
Pitkin	Melbern M. Neihardt	Robert S. Killey	Paul Caley	J. Hod Nicholson
Prowers	Vera Rosebrough	Fred Clark	Jesse E. Wright	Elton L. Leighton
Pueblo	A. G. Kochenberger	Jewel E. Creel	Thos. A. Christian	Lewis Worker
Rio Blanco	C. J. Wilson	George E. Aicher	F. W. Hossack	J. Sam Gourley
Rio Grande	E. J. Short	Edna L. McGuire	Ed Goodding	A. H. Webster
Routt	John R. Crawford	William Curtis	Clarence E. Horton	Fred Foster
Saguache	Jno. T. Seyfried	Wm. L. Hammond	Jos. M. Sheesley	Ed Paul
San Juan	Edna G. Gibbs	Raymond H. Doud	A. M. Kimball	M. H. Doud
San Miguel	Harold T. Hogan	Chas. L. Spillman	M. E. Ballard	L. G. Warrick
Sedgwick	Ferne Sheaffer	Mark Gyger	Leslie J. Bennett	R. L. Ireland
Summit	E. C. Peabody	George Robinson	Edward T. Stuard	J. G. Detwiler
Teller	L. S. Cox	Walter D. Tatum	Blanche A. Cassidy	Ed Vinard
Washington	Verl R. Carpenter	Chester Kinchelae	Brandt Wenig	Wm. Meredith
Weld	Walter F. Morrison	Harvey E. Witwer	Charles M. Whiteside	W. W. Wyatt
Yuma	Ray F. Morgan	Robert Sheverbush	Bell H. Yount	Raymond VanHorn

*Denver's officers are municipal, rather than county. See Gazeteer of cities and towns in cover pocket.

ELECTED COUNTY OFFICIALS, 1933—Continued

COUNTY	COUNTY JUDGE	CORONER	SURVEYOR	SUPERINTENDENT OF SCHOOLS
Adams	Homer G. Preston	Dr. J. Wm. Wells	P. O'Brian, Sr.	Bertha L. Baker
Alamosa	James Hyndman	Glen Miracle	Mark U. Watrous	Mabel M. O'Laughlin
Arapahoe	Henry Bruce Teller	Elizabeth A. Mackin	S. L. Stewart	Minnie O. Davis
Archuleta	F. A. Byrne	L. C. Jackisch	Robert A. Howe	Rachel Bunch
Baca	Fred E. Bear	Dr. D. D. Hamilton	Vacancy	Paul M. Mitchell
Bent	Herman A. Bailey	George W. Powell	Sydney Flinn	Loren D. Roof
Boulder	F. J. Ingram	A. E. Howe	Fred A. Fair	Isabella D. Mayhoffer
Chaffee	Joseph Newitt	L. B. Stewart	Howard Sneddon	Bessie M. Shewalter
Cheyenne	Carl L. Law	A. H. Brentlinger	D. H. Zuck	Olive E. McComish
Clear Creek	George D. Criley	Richard H. Pearce	Chas. L. Harrington	Elia N. Conwell
Conejos	C. A. Green	H. H. Haynie	J. P. Thomas	Mrs. Estella Sowards
Costilla	Amos P. Rodriguez	Levi R. Wilhelm	A. H. Martin	Eleuto Medina
Crowley	I. H. Stanley	J. E. Jeffery	J. Logan Tucker	Nona Broadbent
Custer	Edward L. Mott	Charles A. Menzel	Frank Wagner	Lou C. Beaman
Delta	W. Guy Merritt	E. A. Martin	Homer D. Graham	Hazel Leavitt
Denver*				
Dolores	V. H. Lee	Dr. R. S. Lipscomb	George N. Herron, Jr.	Mary E. Livingston
Douglas	John L. Briscoe	Samuel E. Livingston	Henry H. Curtis	Elizabeth E. Bennet
Eagle	Albert K. Ethel	W. L. Conway	Carl I. Dismant	Georgia H. Clark
Elbert	F. D. Hart	Dale O. Groves	D. M. Sultz	Pauline V. Weiss
El Paso	J. F. Sanford	J. Thomas Coghlan	R. M. Cannon	Lucile Dee Horton
Fremont	Kent L. Eldred	C. H. Graves	L. D. Miller	Grace E. Edwards
Garfield	Carl W. Fulghum	Dr. G. A. Hopkins	W. H. Trumbor	Alma M. Harris
Gilpin	Louis J. Carter	G. L. Hamlik	Harry L. Barr	Amanda Wagner
Grand	J. N. Pettingell	A. C. Esmiol	Roy F. Polhamus	Dorothy L. Traber
Gunnison	R. G. Montgomery	Alex Campbell	J. H. Robinson	Bertha N. McLain
Hinsdale	James T. Palmer	Elt. T. Beam	Charles H. Harkness	Anna Ewart
Huerfano	W. W. Hammond	Herbert Furphy	A. S. Willburn	Amanda Simpson
Jackson	John A. McNamara	Dr. M. A. Durham	A. B. McKenzie	Ethlyn F. Riddle
Jefferson	George H. Lerg	O. A. Saunders	Harold W. Gardner	Naomi K. Olson
Kiowa	W. M. Ramsdale	James G. Hopkins	Vacancy	Alma Vrooman
Kit Carson	Clarence L. Magee	Dr. E. J. Remington	Ira B. Rowbotham	Ora J. Cruickshank
Lake	Thomas Evans	James J. Corbett	Fred J. McNair	Annie M. Holden
La Plata	Thomas E. Higgins	O. B. Rensch	A. L. Kroeger	Celia F. Marshall
Larimer	Albert P. Fischer	Charles Day	James Andrews	Una S. Williams
Las Animas	Bertram B. Beshoar	Roy Campbell	Earl T. Lindsay	W. F. Templin
Lincoln	Charles M. Somerville	W. M. Deits	Vacancy	Burton Rice
Logan	H. Lawrence Hinkley	Arthur D. Jackson	John E. Youngquist	Kate Lester
Mesa	Adair J. Hotchkiss	T. F. Voorhees	Frank C. Merriell	F. N. Nisley
Mineral	Clarence Y. Butler	Wm. H. Warren	Don C. LaFont	Mrs. E. E. Vanaken
Moffat	Frank M. Smay	I. J. Robacker	L. G. Dolan	Mrs. E. C. McWilliams
Montezuma	J. M. Brumley	Dr. E. E. Johnson	H. L. Owens	Mrs. Myrtle E. Jordan
Montrose	Earl Herman	C. G. Addington	J. E. McDaniel	Lucile Anfracae
Morgan	A. W. Dulweber	L. H. Parker	A. W. Hill	Rose B. Glasney
Otero	A. B. Wallis	Dr. A. S. Hansen	V. R. Guthrie	R. H. McNeal
Ouray	D. N. McDonald	C. V. Bates	Geo. R. Hurlburt	Jennie L. Brownlee
Park	Ed. N. Barlow	Frank Dunkle	Gerald F. Galloway	Mayme R. O'Mailia
Phillips	Avery T. Searle	H. B. Radford	C. A. Guernsey	Charles R. Peter
Pitkin	Wm. R. Shaw	Frank Hamilton	Frank Willoughby	Hattie B. Burch
Prowers	Edw. O. Russell	C. T. Knuckey	Geo. H. Russell	Bernice W. Willmoth
Pueblo	Hubert Glover	Dr. C. N. Caldwell	H. C. Wetmore	Nettie S. Freed
Rio Blanco	John E. Wix	A. J. Cole	Maurice Ruckman	Esta Gentry
Rio Grande	M. T. Hancock	Geo. Nicoll	Glenn Cochran	Nina M. Weiss
Routt	John M. Childress	A. W. Heyer	Stanley Dismuke	Mrs. Pearl A. Funk
Saguache	Birt Clare	S. W. Truitt	Raymond Johnson	Mrs. Ora Carson
San Juan	Wm. Palmquist	Wm. E. Maxuire	A. W. Harrison	Anna C. Bell
San Miguel	H. E. Dill	C. S. Mollohan	B. W. Purdy	Eloise W. Morgan
Sedgwick	B. D. Parker, Jr.	G. H. Austin	C. M. Slusser	Elizabeth K. Zorn
Summit	Martin J. Waltz	Lester C. Owens	Ralph C. Black	Mary H. Williams
Teller	R. A. Weisgerler	Florence M. Craven	T. H. Evans Jones	Loretta S. Davis
Washington	L. F. Crawford	Walter T. Gough	E. G. Beechler	Josie D. Jones
Weld	Robert G. Strong	Richard F. Armstrong	L. L. Stimson	Jerre F. Moreland
Yuma	I. L. Barker	W. H. Hitchcock	Grant Woodward	A. E. Stevenson

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COUNTY COMMISSIONERS, 1933

- Adams—R. S. McIntosh, George S. Kemp, George A. Welsh.
- Alamosa—Frank Guartney, R. E. Sellers, Thos. W. Taylor.
- Arapahoe—W. W. Hanson, Charles O. Sevier, C. D. Courtright.
- Archuleta—Louis Montroy, Harry C. Macht, Vic Johnson.
- Baca—F. H. Schnauffer, W. A. Greathouse, Claude L. Bosley.
- Bent—O. H. Lubers, Alva C. Bart, Prowers Hudnall.
- Boulder—William Mitchell, M. G. Gelwicks, Matt McCaslin.
- Chaffee—H. Lovel Johnson, Frank Fehling, S. L. Taber.
- Cheyenne—Chas. E. Collins, F. H. Hadley, W. A. Baber.
- Clear Creek—George H. Curnow, Wm. F. Buckley, H. W. Kirby.
- Conchos—J. E. Braiden, Benj. F. Espinoza, Max Duran.
- Costilla—Jerry L. Morris, Tranquilino Manchego, J. M. Pacheco.
- Crowley—J. G. Boget, Chas. Roth, F. D. Taylor.
- Custer—A. H. Johnston, Chas. J. Donahoe, Ernest H. Georges.
- Delta—George S. Roller, Montford Gallup, Ed. H. Crawford.
- Denver—Walter B. Lowry, Harry P. Risley, Wm. E. McGlone.
- Dolores—R. W. Prout, Percy R. Krautz, Ed. Baird.
- Douglas—L. R. Higby, Albert E. Failing, Xavier J. Baldauf.
- Eagle—Alfred M. Sloss, Geo. Watson, H. A. Nottingham.
- Elbert—Tom Burnside, Perry Davis, I. W. Northrup.
- El Paso—D. B. Campbell, Eugene M. Porter, Chas. N. Wheeler.
- Fremont—John B. Bald, Chas. Sell, Finis L. Parks.
- Garfield—John L. Heuschkel, Otto Hahnwald, C. G. Kendall.
- Gilpin—A. M. Fairchild, Neil McKay, W. T. Sterling.
- Grand—Frank Stafford, Jas. E. Quinn, Arthur Wold.
- Gunnison—E. R. Williams, Ralph A. Little, W. H. Whalen.
- Hinsdale—John R. Liska, V. E. Osgerby, Paul C. Ramsey.
- Huerfano—J. G. Archuleta, W. E. Smith, Geo. S. Niebuhr.
- Jackson—T. John Payne, John Petersen, Wm. Simpson.
- Jefferson—W. G. Duvall, John R. Browne, Gus A. Johnson.
- Kiowa—P. O. Meyer, A. F. Wenger, J. O. Walker.
- Kit Carson—John F. Lueken, R. A. Bowers, G. M. Baxter.
- Lake—Charles E. Slavin, Adolph T. Schaefer, William G. Frank.
- La Plata—W. I. Gifford, Ross E. Nixon, John Perino.
- Larimer—Henri McClelland, A. L. Johnson, Wm. J. Rausler.
- Las Animas—W. W. Taylor, Frank Patterson, Mauro Cordova.
- Lincoln—R. E. Bucklen, Henry Hoepner, John Freel.
- Logan—Alvah L. Litel, Dewey J. Harman, Ray E. Rieke.
- Mesa—M. G. Hinshaw, Chas. S. Jones, H. O. Lambeth.
- Mineral—John G. Dabney, C. O. Withrow, Samuel McKibbin.
- Moffat—P. L. Templeton, Thos. W. Rogers, H. T. Deakins.
- Montezuma—Frank Philley, Geo. W. Menefee, E. S. Porter.
- Montrose—H. P. Steel, Verdie L. Hotchkiss, D. Lewis Williams.
- Morgan—Geo. Glenn, E. Rosener, Soren Bach.
- Otero—I. F. Haines, J. R. Cole, D. P. McClaren.
- Ouray—E. C. Fisher, Harry Gavin, J. W. Donald.
- Park—Arch W. Head, Harry C. Bishop, Hollis R. Mills.
- Phillips—S. J. Meakins, John Sandquist, R. Claymon.
- Pitkin—Geo. B. Brown, Louis Vagneur, John R. Williams.
- Prowers—L. M. Appel, Ray McGrath, Geo. A. H. Baxter.
- Pueblo—J. Will Goss, Robert Rapalje, Geo. Herrington.
- Rio Blanco—Fred A. Nichols, Thos. J. Cassidy, Dennis Murray.
- Rio Grande—H. J. Gilbreath, O. A. Lindstrom, W. C. Lewis.
- Routt—Henry J. Summer, Joseph F. Long, Stanley Larson.
- Saguache—Joseph W. Alexander, Wm. F. Gardner, Jacob Barsch.
- San Juan—Norman F. Bawden, James Cole, C. W. Fleming.
- San Miguel—Charles H. McKeever, Geo. G. Wagner, Edgar C. Haskill.
- Sedgwick—R. L. Franklin, W. T. Johnson, Henry Anderson.
- Summit—Andrew Lindstrom, B. F. Rich, C. W. Bradley.
- Teller—Alf. Coulsen, H. L. Potts, Silas M. Pinon.
- Washington—A. Mitchell, R. S. Stanley, R. L. Sergeant.
- Weid—Wm. A. Carlson, James S. Ogilvie, S. K. Clark.
- Yuma—Harry M. McKinney, Joseph H. Rogers, J. H. Dickson.

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
1932	189,617	250,877	174,540	243,950

Note—The vote for governor in 1932 is unofficial, as the official canvass is not made until the January following election.

* 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.

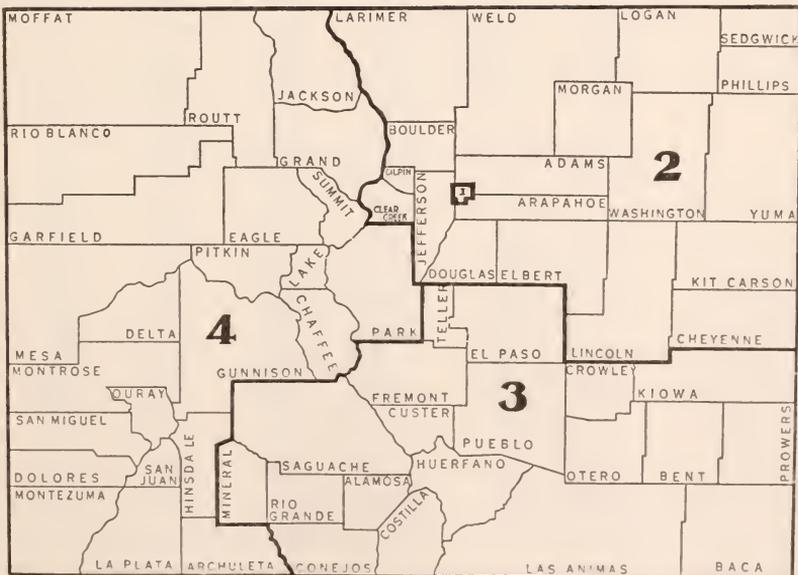
¶ La Follette Progressive vote for president, 57,368.

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.

COLORADO CONGRESSIONAL DISTRICTS



ELECTION RETURNS BY COUNTIES FOR PRESIDENT

COUNTY	1932		1928		1924		
	Roosevelt Dem.	Hoover Rep.	Hoover Rep.	Smith Dem.	Coolidge Rep.	Davis Dem.	La Follette Prog.
Adams	4,554	2,812	4,031	2,265	2,955	1,209	893
Alamosa	2,141	1,306	1,759	1,239	1,012	625	812
Arapahoe	5,796	4,287	6,086	2,463	4,222	1,209	997
Archuleta	928	462	610	447	453	269	291
Baca	2,247	1,349	2,108	524	1,125	653	559
Bent	1,948	1,327	1,957	741	1,475	804	417
Boulder	8,412	7,487	9,457	4,363	7,614	3,273	1,839
Chaffee	2,393	1,061	1,880	1,230	1,322	612	1,017
Cheyenne	1,042	746	945	500	837	236	399
Clear Creek	939	597	790	481	726	284	80
Conejos	2,641	1,190	1,463	1,692	1,463	995	137
Costilla	1,475	707	657	1,070	744	665	92
Crowley	1,266	811	1,243	635	1,079	667	324
Custer	729	413	600	389	415	281	221
Delta	3,467	2,341	3,731	1,672	2,689	1,345	781
Denver	72,867	59,372	73,543	41,238	59,047	15,764	13,054
Dolores	464	183	387	278	100	157	169
Douglas	1,061	826	1,107	603	869	383	248
Eagle	1,348	712	1,014	570	680	431	414
Elbert	1,649	1,277	1,933	738	1,396	506	539
El Paso	11,353	12,017	16,243	5,063	9,965	4,140	3,636
Fremont	4,295	3,294	5,365	2,352	4,422	1,550	1,135
Garfield	2,946	1,734	2,435	1,562	1,927	917	808
Gilpin	539	271	299	236	361	161	124
Grand	771	598	770	451	658	308	239
Gunnison	1,807	985	1,456	1,135	1,125	598	744
Hinsdale	138	94	128	106	133	79	53
Huerfano	4,159	2,490	3,260	3,343	2,802	1,219	1,570
Jackson	415	390	401	249	385	111	72
Jefferson	6,023	5,522	6,754	2,880	4,861	1,271	1,312
Kiowa	1,113	769	1,024	458	781	431	430
Kit Carson	2,289	1,835	2,486	1,137	2,030	720	574
Lake	1,436	801	990	1,449	1,024	613	510
La Plata	3,156	2,124	2,837	1,872	1,474	1,516	930
Larimer	6,494	7,040	8,213	3,203	6,486	1,970	533
Las Animas	8,964	3,651	5,367	6,459	5,721	2,758	2,936
Lincoln	1,979	1,452	2,110	888	1,647	634	384
Logan	3,641	3,157	4,377	1,620	2,898	946	1,315
Mesa	6,682	4,388	6,446	3,223	4,053	2,388	2,291
Mineral	210	112	144	187	150	101	70
Moffat	1,388	880	1,346	710	1,012	647	151
Montezuma	1,779	887	1,341	772	686	721	557
Montrose	2,516	1,992	2,873	1,297	2,071	1,239	1,106
Morgan	3,181	3,370	4,197	1,242	3,267	757	370
Otero	5,107	3,974	5,788	1,876	4,624	1,938	1,106
Ouray	706	398	535	479	496	256	307
Park	1,057	577	740	419	645	316	158
Phillips	1,453	903	1,440	705	1,058	397	635
Pitkin	727	239	485	454	437	204	121
Prowers	3,020	2,568	3,228	1,216	2,566	1,042	505
Pueblo	15,325	10,414	15,541	7,881	10,609	4,917	3,460
Rio Blanco	826	687	860	429	741	407	64
Rio Grande	2,539	1,557	2,254	1,226	1,588	922	391
Routt	2,643	1,568	2,304	1,645	1,824	1,116	229
Saguache	1,427	931	1,491	854	1,211	591	234
San Juan	544	160	277	436	215	206	55
San Miguel	862	383	721	554	673	567	251
Sedgwick	1,288	884	1,247	580	799	372	297
Summit	397	224	362	306	343	241	124
Teller	1,534	752	1,184	1,037	1,262	592	616
Washington	2,378	1,385	2,132	851	1,771	720	681
Weld	11,182	10,754	13,719	5,762	10,211	3,406	2,169
Yuma	3,220	2,129	3,401	1,383	2,721	865	832
Total	250,877	189,617	253,872	133,131	193,956	75,238	57,368

Bank Statistics

THERE were 221 active banks located in Colorado on December 31, 1931. These included all institutions operating under federal and state charters. The combined assets of these banks at the close of 1931 amounted to \$319,289,223 and their deposits aggregated \$259,134,580. 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 fig-

ures 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, 1931, with comparative figures for 1930. 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	219,304,440	296,208,939	368,644,393
1921	387	189,272,334	270,207,824	327,655,318
1922	311	193,293,542	304,585,906	367,510,948
1923	357	188,994,720	299,786,014	355,960,695
1924	338	181,523,399	329,909,726	380,811,824
1925	317	169,220,508	321,062,937	364,966,320
1926	306	165,407,957	321,696,881	366,082,565
1927	284	162,723,310	321,739,131	*
1928	284	172,236,431	327,598,487	371,722,374
1929	275	172,871,041	311,040,485	357,265,628
1930	257	147,521,449	309,991,117	379,998,686
1931	221	117,196,645	259,134,580	319,289,223

*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
1931	1,342,832,980	62,042,177	51,016,097

COLORADO BANK STATISTICS

COUNTY	December 31, 1931			December 31, 1930	
	Loans and Discounts	Deposits	Total Assets	Loans and Discounts	Deposits
Adams.....	\$ 458,937	\$ 831,034	\$ 1,150,387	\$ 828,894	\$ 1,289,601
Alamosa.....	877,723	1,325,222	1,701,507	1,028,186	1,868,373
Arapahoe.....	705,664	1,509,970	1,965,973	1,010,962	2,059,392
Archuleta.....	113,497	149,121	262,619	145,050	201,952
Baca.....	445,270	577,249	874,606	574,696	731,827
Bent.....	674,863	782,774	1,345,005	837,265	1,059,934
Boulder.....	3,284,173	6,421,413	8,306,311	4,136,114	7,464,121
Chaffee.....	430,100	1,388,033	1,620,574	587,097	1,858,309
Cheyenne.....	209,918	167,593	377,511	302,954	267,744
Clear Creek.....	115,453	211,314	326,767	288,724	447,961
Conejos.....	317,860	441,429	658,998	378,175	660,669
Costilla.....	48,612	92,809	141,421	137,293	199,705
Crowley.....	309,242	445,066	728,396	364,202	649,849
Custer.....	118,419	174,454	292,873	147,423	233,794
Delta.....	1,147,477	1,558,885	2,618,188	1,338,202	1,906,945
Denver.....	55,871,323	142,097,217	164,427,834	70,664,014	168,315,061
Dolores.....	.....	.....	.....	.....	.....
Douglas.....	347,885	449,324	618,736	421,575	540,829
Eagle.....	230,131	345,226	411,310	240,162	458,621
Elbert.....	516,043	639,489	1,155,532	639,384	923,832
El Paso.....	10,352,825	18,060,319	22,945,927	11,739,505	19,724,721
Fremont.....	1,368,152	3,530,260	4,057,234	1,567,702	4,258,467
Garfield.....	1,628,713	2,492,160	3,068,802	1,749,993	2,726,973
Gilpin.....	24,576	248,218	308,538	20,441	253,217
Grand.....	165,034	335,413	500,447	209,260	440,783
Gunnison.....	627,056	1,211,205	1,692,215	739,791	1,648,599
Hinsdale.....	.....	.....	.....	.....	.....
Huerfano.....	957,142	2,194,805	2,607,786	1,068,697	2,553,099
Jackson.....	.....	.....	.....	.....	.....
Jefferson.....	535,372	1,287,083	1,495,294	545,510	1,372,288
Kiowa.....	264,352	302,496	507,286	317,638	378,770
Kit Carson.....	301,228	432,229	597,110	747,429	910,899
Lake.....	87,197	1,063,725	1,195,050	130,838	1,173,796
La Plata.....	1,171,878	2,235,057	2,897,348	1,214,207	2,586,251
Larimer.....	3,342,508	5,317,701	7,251,340	4,300,810	6,215,512
Las Animas.....	1,877,924	6,295,993	7,362,865	3,077,978	7,633,795
Lincoln.....	498,222	631,027	806,509	723,983	800,869
Logan.....	1,321,047	1,944,423	3,233,795	1,907,490	2,323,649
Mesa.....	2,211,022	3,111,286	4,494,949	2,544,742	4,110,442
Mineral.....	.....	.....	.....	.....	.....
Moffat.....	243,788	458,241	592,407	343,612	625,091
Montezuma.....	917,287	855,873	1,467,923	994,452	1,261,998
Montrose.....	1,333,351	1,768,401	2,269,208	1,412,476	2,121,952
Morgan.....	2,138,684	2,373,127	4,076,349	2,707,032	2,994,667
Otero.....	1,432,671	2,181,211	3,290,611	1,893,862	2,757,673
Ouray.....	183,926	271,043	454,969	203,584	305,788
Park.....	95,729	163,000	258,729	124,682	225,103
Phillips.....	749,401	973,917	1,476,763	900,778	1,251,084
Pitkin.....	116,919	359,610	476,529	115,758	372,722
Prowers.....	912,917	1,475,853	2,085,971	1,270,661	1,781,697
Pueblo.....	7,780,372	23,069,640	28,549,186	9,356,612	26,285,440
Rio Blanco.....	508,829	339,419	608,518	595,190	712,473
Rio Grande.....	835,404	1,123,886	1,959,759	1,357,045	1,885,801
Routt.....	258,965	323,966	582,931	817,867	990,043
Saguache.....	526,761	604,594	972,390	551,552	807,794
San Juan.....	107,478	455,874	570,659	101,042	515,143
San Miguel.....	.....	.....	.....	.....	.....
Sedgwick.....	394,997	402,967	687,412	526,189	645,949
Summit.....	42,447	104,439	146,885	51,525	113,689
Teller.....	147,575	1,542,531	1,610,229	201,635	1,860,632
Washington.....	274,445	474,963	594,136	354,270	539,605
Weld.....	4,422,835	8,347,629	10,760,776	5,668,460	9,842,397
Yuma.....	815,026	1,163,374	1,789,840	1,296,779	1,843,727
State.....	\$117,196,645	\$259,134,580	\$319,289,223	\$147,521,449	\$309,991,117

Colorado Banks

(As of November 1, 1932)

Adams County

First National Bank.....Aurora
Bennett State Bank.....Bennett
Brighton State 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.....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
First National Bank.....Boulder
Mercantile Bank & Trust Co.....Boulder
National State Bank.....Boulder
First National Bank.....Longmont
Longmont National Bank.....Longmont
First State Bank of Louisville.....Louisville
State Bank of Lyons.....Lyons

Chaffee County

First National Bank.....Salida

Cheyenne County

Cheyenne County State Bank.....Cheyenne Wells
Kit Carson State Bank.....Kit Carson

Clear Creek County

Bank of Idaho Springs.....Idaho Springs

Conejos County

Commercial State Bank.....Antonito
First National Bank.....La Jara
Colonial State Bank.....Manassa

Costilla County

San Luis State Bank.....San Luis

Crowley County

Crowley State Bank.....Crowley
First National Bank.....Ordway
Ordway State Bank.....Ordway
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

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
United States National Bank.....Denver

Dolores County

No Banks.

Douglas County

First National Bank.....Castle Rock
Douglas County Bank.....Parker

Eagle County

First National Bank.....Eagle

Elbert County

Elbert County State Bank.....Elbert
Elizabeth State Bank.....Elizabeth
Kiowa State Bank.....Kiowa
Stockgrowers State Bank.....Kiowa
Simla State Bank.....Simla

El Paso County

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
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

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
Peoples State Bank of Towner.....Towner

Kit Carson County

Bank of Burlington.....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 National Bank.....Fleming
Iliff State Bank.....Iliff
Merino State Bank.....Merino
First National Bank.....Peeetz
Commercial Savings 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

No Banks.

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
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

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
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

Rio Grande State Bank.....Del Norte
Monte Vista Bank & Trust Co.....Monte Vista
The Wallace State Bank.....Monte Vista

Routt County

Oak Creek State Bank.....Oak Creek
Bank of Steamboat Springs.....Steamboat Springs

Saguache County

First National 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
First National Bank.....	Eaton
Erie Bank.....	Erie
Fort Lupton 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

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 circular red C, of the same color as the red in the United States flag.

The diameter of the letter C shall be one-sixth of the width of the flag.

The inner line of the opening of the letter C shall be three-fourths of the width of its body or bar and the outer line of the opening shall be double the length of the inner line thereof.

Completely filling the open space inside the letter C shall be a golden disk.

Attached to the flag shall be a cord of gold and silver, intertwined, with tassels, one of gold and the other of silver.

The flag was designed by A. C. Carson, 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.

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.

Colorado Commercial Organizations

ACTIVE 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. F. Greenawalt, Denver, president; Elmore Petersen, Boulder, secretary.

Colorado Association of Real Estate Boards—W. R. Williams, Pueblo, president; Wesley J. Towne, 217 Chamber of Commerce building, Denver, 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.

Moffat Tunnel League—E. H. Godfrey, Oak Creek, president; J. R. Burroughs, Steamboat Springs, secretary.

The following table of commercial organizations by counties is revised to April 14, 1932.

COLORADO COMMERCIAL ORGANIZATIONS

Adams County

Aurora—Commercial Club; Frank M. Shedd, president; John F. Burke, secretary.

Alamosa County

Alamosa—Chamber of Commerce; L. B. Olsen, president; Charles L. Dynes, secretary.

Arapahoe County

Byers—Commercial Association; W. L. Best, president; Hal Parmeter, secretary.
*Englewood—Chamber of Commerce; C. M. Hall, president; E. B. Cartwright, secretary.

*Littleton—Civic and Commercial Association; F. M. Moore, president; H. S. Ramsey, secretary.

Baca County

Springfield—Chamber of Commerce; Ralph Williams, president; Ben Wofford, secretary.

Bent County

*Las Animas—Chamber of Commerce; Dr. W. H. Fickel, president; G. G. Caldwell, secretary.

Boulder County

Allens Park—Chamber of Commerce; George Pheefee, president; Wm. Morgan, secretary.

*Boulder—Chamber of Commerce; Loren H. Hays, president; Eben G. Fine, secretary.

*Longmont—Chamber of Commerce; C. S. Wees, president; R. B. Miller, secretary.

Lyons—Commercial Association; J. G. Parks, president; Mrs. C. L. Niner, secretary.

Chaffee County

Buena Vista—Chamber of Commerce; C. R. Sindlinger, president; L. P. Perschbacher, secretary.

Salida—Chamber of Commerce; H. G. Frantz, president; W. E. Patterson, secretary.

Cheyenne County

Cheyenne Wells—Chamber of Commerce; J. C. Milne, president; R. A. Pfost, secretary.

Kit Carson—Chamber of Commerce; Elden Platner, president; Duncan Dunn, secretary.

Clear Creek County

Empire—Commercial Association; G. H. Anderson, president; E. E. Koch, secretary.

Conejos County

Antonito—Chamber of Commerce; G. A. Jenkins, president; J. D. Frazey, secretary.

Crowley County

Ordway—Lions Club; George Wunderlick, president; C. E. Barker, secretary.

*Sugar City—Service Club; L. A. Richards, president; T. W. Butler, secretary.

*Members of State Association of Commercial Executives.

Delta County

Cedaredge—Chamber of Commerce; F. T. Clark, president; P. K. Yonge, secretary.

Crawford—Chamber of Commerce; Henry E. Welborn, president; Chas. M. Hillman, secretary.

*Delta—Delta Chamber of Commerce; A. E. Penley, president; James F. Weeland, secretary.

Hotchkiss—North Fork Chamber of Commerce; C. F. Myers, president; H. D. Shiles, secretary.

*Paonia—Chamber of Commerce; C. L. Oliver, president; O. J. Stone, secretary.

Denver County

*Denver—Chamber of Commerce; Adolph F. Zang, president; G. E. Collison, secretary.

*Denver—Colorado Association; F. H. Reid, president; Dudley R. Griggs, secretary.

Denver—Rocky Mountain Motorists, Inc.; John Huntington, president; Clarence Werthan, secretary.

Dolores County

*Rico—Dolores County Chamber of Commerce; Dennis Mullins, president; F. J. Koenig, secretary.

Eagle County

*Eagle—Chamber of Commerce; Forrest W. Cave, president; Leo F. Fessenden, secretary.

El Paso County

*Colorado Springs—Chamber of Commerce; O. E. Hemenway, president; E. E. Jackson, secretary.

Fremont County

*Canon City—Chamber of Commerce; D. E. Nicholson, president; Mary Jo Shores, secretary.

*Florence—Chamber of Commerce; Sidney R. Hahn, 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; C. W. Filghum, secretary.

Grand Valley—Chamber of Commerce; Henry Alber, president; G. E. Richardson, secretary.

Rifle—Chamber of Commerce; F. A. Dunham, president; E. P. Brown, secretary.

Grand County

*Hot Sulphur Springs—Commercial Club; H. O. Gray, president; N. C. Huffaker, secretary.

Gunnison County

Gunnison—Gunnison County Chamber of Commerce; R. E. Porter, president; S. C. Hartman, secretary.

Huerfano County

*La Veta—Commercial Club; C. C. Webster, president; O. B. Lauth, secretary.

Jefferson County

*Arvada—Chamber of Commerce; Newton Olson, president; John E. Meier, secretary.

Edgewater—East Jefferson County Commercial Club, 5223 West Colfax Avenue; Captain J. L. Dixon, president; Charles Fitch, secretary.

Kiowa County

Eads—Business Men's Club; W. M. Ramsdale, president; J. R. Wood, secretary.

Kit Carson County

Burlington—Chamber of Commerce; H. W. Gleason, president; P. L. Bruner, secretary.

Flagler—Community Club; G. M. Baxter, president; Gust Westman, secretary.

La Plata County

*Durango—Chamber of Commerce; J. A. Clay, president; Richard T. Nelson, secretary.

Larimer County

*Berthoud—Chamber of Commerce; Walter G. Albrecht, president; P. R. Stranahan, secretary.

*Estes Park—Chamber of Commerce; R. L. Reed, president; Louis Bessemer, secretary.

*Fort Collins—Chamber of Commerce; F. W. Humphrey, president; D. L. Anderson, secretary.

*Loveland—Chamber of Commerce; Hatfield Chilson, president; William Hammond, secretary.

*Wellington—Chamber of Commerce; E. T. Puleston, president; A. L. Carlson, secretary.

Las Animas County

*Trinidad—Trinidad—Las Animas County Chamber of Commerce; Leo R. Gottlieb, president; J. C. Caldwell, secretary.

Lincoln County

Arriba—Arriba Commercial Club; John Free, president; W. E. Kliever, secretary.

Hugo—Commercial Club; G. D. Randolph, president; J. J. Missemmer, secretary.

Limon—Chamber of Commerce; F. E. Ainsworth, 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—Plateau Valley Chamber of Commerce; Dr. Wm. Zinke, president; J. C. Mardis, secretary.

Fruita—Chamber of Commerce; F. W. Bocking, president; G. L. Miller, secretary.

*Grand Junction—Chamber of Commerce; L. W. Burgess, president; W. M. Wood, secretary.

*Palisade—Chamber of Commerce; Grant Crissy, president; Wayne N. Aspinall, secretary.

Moffat County

*Craig—Lions Club; C. A. Stoddard, president; John H. McGinnis, secretary.

Montezuma County

*Cortez—Chamber of Commerce; Dr. R. W. Calkins, president; F. L. Miller, secretary.

*Dolores—Chamber of Commerce; S. H. Phlegar, president; C. H. Webb, secretary.

*Mancos—Chamber of Commerce; E. C. Mallett, president; R. L. Rider, secretary.

Montrose County

Montrose—Montrose County Chamber of Commerce; L. A. Pinkstaff, president; Mrs. N. M. Fleming, secretary.

Morgan County

Brush—Civic Club; C. W. Emerson, president; C. E. Baker, secretary.

*Fort Morgan—Chamber of Commerce; C. H. Mayborn, president; C. E. Wagner, secretary.

*Orchard—Commercial Club; H. J. Gearhart, president; Joseph Korsoski, secretary.

*Weldona—Chamber of Commerce; J. L. Markley, president; M. O. York, secretary.

Otero County

La Junta—Chamber of Commerce; V. N. Lagerquist, president; F. R. Brown, secretary.

Manzanola—Commerce Club; E. L. Stephens, president; A. W. Warner, secretary.

*Rocky Ford—Chamber of Commerce; F. S. Johnson, president; J. L. Miller, secretary.

Ouray County

Ouray—Chamber of Commerce; John Schwend, president; M. W. Driscoll, secretary.

Prowers County

*Granada—Granada Promotion Club; C. D. Baldwin, president; A. L. McDonald, secretary.

Holly—Commercial Club; H. D. Steel, president; E. J. Thayer, secretary.

*Lamar—Chamber of Commerce; J. C. Johnston, president; L. M. Markham, secretary.

*Wiley—Commercial Club; Charles Lennox, president; R. H. Horner, secretary.

Pueblo County

*Pueblo—Chamber of Commerce; J. M. Holmes, president; P. A. Gray, secretary.

Rye—Chamber of Commerce; J. W. Stewart, president; C. W. Miller, secretary.

Rio Blanco County

Meeker—Rio Blanco Commercial Club; F. A. Carstens, president; J. E. Sexson, secretary.

Rio Grande County

*Del Norte—Chamber of Commerce; Charles R. Ewing, president; Charles W. Donnen, secretary.

*Monte Vista—Commercial Club; H. E. Lague, president; Esther Godfrey, secretary.

Routt County

Hayden—Lions Club; H. B. Pleasant, president; M. F. Hofstetter, secretary.

Oak Creek—Chamber of Commerce; R. T. Gwillim, president; Louis Bell, secretary.

*Steamboat Springs—Moffat Tunnel League; E. H. Godfrey, president; J. R. Burroughs, secretary.

Steamboat Springs—Commercial Club; J. A. Brobeck, president; J. R. Burroughs, secretary.

San Juan County

Silverton—Commercial Club; E. W. Walter, president; James Pilling, secretary.

San Miguel County

Norwood—Chamber of Commerce; C. H. McKeever, president; Dr. J. H. Cheney, secretary.

Telluride—Lions Club; F. B. Wilson, president; L. G. Denison, secretary.

Summit County

*Dillon—Chamber of Commerce; E. C. Peabody, president; I. W. Blundell, secretary.

Teller County

Cripple Creek—Cripple Creek Motor and Commercial Club; Paul H. House, president; F. W. Bruington, secretary.

Victor—Commercial Club; Eric Johnson, president; Dan Harrington, secretary.

Washington County

*Otis—Commercial Club; Albert M. Williss, president; Usher Kelsey, secretary.

Weld County

*Ault—Community Club; Jens Jeremiassen, president; E. Wedmaier, secretary.

Eaton—Eaton Rotary Club; Chas. N. Beckner, president; E. K. McMillen, secretary.

Erie—Consolidated Commercial Association; Wm. Nicholson, president; C. R. Hunt, secretary.

*Greeley—Chamber of Commerce; Chas. Hansen, president; E. H. Folbrecht, secretary.

Hudson—Commercial Club; Alfred Olson, president; S. R. Smith, secretary.

*Johnstown—Commercial Club; C. H. Criswell, president; C. M. Keller, secretary.

Milliken—Community Club; Charles Stroh, president; O. L. Altvater, secretary.

*Windsor—Community Club; Chas. E. Petersen, president; G. I. Richards, secretary.

Yuma County

Wray—Commercial Club; V. V. Vining, president; Joe C. Graham, secretary.

Yuma—Chamber of Commerce; C. E. Fritts, president; G. S. Thompson, secretary.

*Members of State Association of Commercial Executives.

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.

Colorado Postoffices

COLORADO had on January 1, 1932, a total of 713 postoffices, of which 56 belonged to the first and second classes and 657 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
1932	56	657	713

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
1931	5,334,234

Stamp sales by third and fourth class postoffices, by years, follow:

Year	Amount
1925	\$764,235
1926	729,631
1927	709,200
1928	684,508
1929	714,966
1930	641,278
1931	601,802

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
1931	5,936,036

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	\$ 24,540.98	\$ 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)	300,000.00	921,747.73
Durango	Postoffice	10,000.00	127,850.00
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
Greeley	Postoffice (new)	9,737.36	(No Bldg.)
La Junta	Postoffice	1.00	84,934.84
Leadville	Postoffice	12,084.34	71,469.97
Monte Vista	Postoffice	3,900.00	(**)
Montrose	P. O. and Court House	15,000.00	(***)
Pueblo	Postoffice	28,008.07	298,990.93
Sterling	Postoffice	15,000.00	196,494.84
Trinidad	Postoffice	68.65	74,931.35
Total		\$1,177,458.79	\$5,914,028.43

*Contract awarded (\$78,300). Building in progress.

**Contract awarded (\$98,000).

***Contract awarded (\$128,000).

FIRST AND SECOND CLASS POSTOFFICES AND STAMP SALES

Postoffice	County	Stamp Sales				
		1931	1930	1929	1928	1927
Akron	Washington	\$ 8,711	\$ 8,833	\$ 9,103	\$ 9,135	\$ 9,264
Alamosa	Alamosa	33,082	35,735	35,755	33,500	31,534
Arvada	Jefferson	8,823	7,078	8,140	8,616	*
Boulder	Boulder	92,286	101,780	105,425	103,390	109,884
Brighton	Adams	16,625	17,401	17,318	16,526	16,336
Brush	Morgan	12,653	13,707	14,603	13,878	13,969
Burlington	Kit Carson	13,645	15,796	13,339	13,128	12,186
Canon City	Fremont	37,077	37,749	40,422	40,262	41,339
Cheyenne Wells	Cheyenne	10,649	13,067	13,599	*	*
Colorado Springs	El Paso	272,107	302,486	313,517	293,355	254,574
Craig	Moffat	11,150	14,845	14,965	13,403	12,629
Cripple Creek	Teller	7,666	8,088	7,812	9,261	8,643
Delta	Delta	20,494	21,072	22,335	22,004	22,117
Del Norte	Rio Grande	8,097	8,901	8,803	8,307	*
Denver	Denver	3,616,415	3,978,946	4,059,839	3,730,058	3,688,955
Durango	La Plata	33,231	40,142	42,353	41,460	42,710
Eaton	Weld	†	8,089	8,614	8,697	9,210
Estes Park	Larimer	12,109	11,808	12,404	11,687	12,893
Florence	Fremont	11,074	12,969	13,672	15,178	15,183
Fort Collins	Larimer	65,156	73,945	75,902	75,617	76,112
Fort Lupton	Weld	8,266	9,413	8,307	8,603	8,951
Fort Morgan	Morgan	25,263	25,245	27,388	27,835	28,085
Glenwood Springs	Garfield	18,096	19,155	19,066	19,299	19,871
Golden	Jefferson	17,414	17,727	18,380	17,429	16,770
Grand Junction	Mesa	95,349	103,985	117,001	118,471	120,269
Greeley	Weld	84,822	92,033	87,784	91,036	90,793
Gunnison	Gunnison	13,313	13,916	15,289	13,811	14,117
Haxtun	Phillips	†	8,012	8,108	8,072	*
Holly	Prowers	8,102	8,468	8,708	7,562	8,155
Holyoke	Phillips	8,435	9,846	10,199	9,564	9,729
Idaho Springs	Clear Creek	7,333	8,014	7,824	7,633	8,372
Julesburg	Sedgwick	7,574	11,335	10,317	9,896	11,661
La Junta	Otero	32,871	36,345	36,967	34,653	34,181
Lamar	Prowers	30,610	35,005	32,698	29,955	29,867
Las Animas	Bent	16,169	16,664	17,346	15,099	15,327
Leadville	Lake	15,994	16,853	18,860	18,557	20,035
Limon	Lincoln	7,223	7,485	7,535	7,477	7,475
Littleton	Arapahoe	15,324	21,025	25,378	20,386	17,754
Longmont	Boulder	29,489	31,544	27,755	30,731	26,468
Loveland	Larimer	22,006	23,849	23,247	23,456	23,318
Manitou	El Paso	2,637	13,997	15,114	12,963	13,974
Meeker	Rio Blanco	7,525	9,362	9,791	9,569	9,709
Monte Vista	Rio Grande	16,829	23,365	20,584	18,253	20,488
Montrose	Montrose	24,646	27,145	27,479	27,004	26,425
Oak Creek	Routt	5,832	8,227	7,159	7,388	7,174
Palisades	Mesa	8,057	7,530	8,677	7,225	8,759
Paonia	Delta	7,135	8,519	10,702	11,731	11,127
Pueblo	Pueblo	275,710	307,492	319,216	347,538	366,544
Rife	Garfield	9,029	10,974	11,626	11,056	10,504
Rocky Ford	Otero	27,035	28,563	28,021	27,239	30,318
Salida	Chaffee	22,448	24,959	25,506	25,399	24,898
Springfield	Baca	10,860	12,206	10,759	8,963	*
Steamboat Springs	Routt	12,265	13,404	14,257	14,097	13,602
Sterling	Logan	42,806	45,661	44,885	44,327	39,360
Telluride	San Miguel	†	†	4,957	6,142	7,949
Trinidad	Las Animas	66,424	80,846	82,436	81,817	76,691
Victor	Teller	†	6,500	8,151	8,146	8,050
Walsenburg	Huerfano	19,456	21,685	23,476	24,831	24,244
Wray	Yuma	10,715	11,492	11,741	10,242	10,667
Yuma	Yuma	10,112	10,454	9,438	9,090	9,066
Total		\$5,334,234	\$5,920,741	\$6,060,555	\$5,700,007	\$5,608,285

* Included in aggregate for third and fourth class offices, in which classification these offices were carried until recently.

† Changed to third class July 1, 1930.

‡ Changed to third class July 1, 1931.

Third and Fourth Class Postoffices

(Corrected to July 1, 1932)

Post Office	County	Post Office	County	Post Office	County
Abarr	Yuma	Burns	Eagle	Drake	Larimer
Ackmen	Montezuma	⁴ Byers ²	Arapahoe	Dumont	Clear Creek
Adams City	Adams	Caddoa ²	Bent	Dunkley	Routt
Adena	Morgan	Cahone	Dolores	Dunton	Dolores
Agate ²	Elbert	Caisson	Moffat	Dupont	Adams
Aguliar ²	Las Animas	Calhan ²	El Paso	Dyke	Archuleta
Alamo	Huerfano	Cameo ²	Mesa	Eads ²	Kiowa
Alcreek	Las Animas	Campo ²	Baca	⁴ Eagle ²	Eagle
Allenspark	Boulder	Capulin	Conejos	East Lake	Adams
Allison	La Plata	⁴ Carbondale ²	Garfield	Eaton	Weld
Alma	Park	Carlton	Prowers	Eckert ²	Delta
Almont ³	Gunnison	Carr	Weld	Eckley ²	Yuma
Amherst	Phillips	Cascade	El Paso	⁴ Edgewater ²	Jefferson
Amity ²	Prowers	Castle Rock ²	Douglas	Edler	Baca
Amy	Lincoln	Cebolla ²	Gunnison	Edwards	Eagle
Andrix	Las Animas	Cedar	San Miguel	Eggers ³	Larimer
Antlers	Garfield	² Cedar ²	Delta	Egnar	San Miguel
Antonito ²	Conejos	Cedarwood	Pueblo	Elba	Washington
Arapahoe ²	Cheyenne	Center ²	Saguache	Elbert ²	Elbert
Arboles	Archuleta	Central City	Gilpin	Eldora ³	Boulder
Arickaree	Washington	Chama ¹	Costilla	Eldorado Springs	Boulder
Arlington	Kiowa	Chandler	Fremont	Elizabeth ²	Elbert
Armel	Yuma	Cheneycenter	Prowers	Elk Springs	Moffat
Aroya	Cheyenne	Cheraw	Otero	Emma	Pitkin
Arriba ²	Lincoln	⁴ Cherokee Park ³	Larimer	El Moro	Las Animas
Arriola	Montezuma	Chivington	Kiowa	Empire ²	Clear Creek
⁴ Aspen ²	Pitkin	Chromo	Archuleta	⁶ Englewood ² (Branch of Denver)	Arapahoe
Association Camp ³	Larimer	Cimarron	Montrose	Erie ²	Weld
Atchee	Garfield	Clark	Routt	Escalante Forks	Mesa
Atwood	Logan	³ Cliffdale ¹	Jefferson	Eskdale	Adams
⁴ Ault ²	Weld	⁴ Clifton ²	Mesa	Espinoza	Conejos
Aurora ²	Arapahoe	Climax ²	Lake	Estabrook	Park
Austin ²	Delta	Coal Creek ²	Fremont	³ Eureka ²	San Juan
Avalo	Weld	Coaldale	Fremont	Evans	Weld
Avon	Eagle	Coalmont	Jackson	Evergreen ²	Jefferson
Avondale	Pueblo	Cokedale	Las Animas	Fairplay ²	Park
Axial	Moffat	⁴ Collbran ²	Mesa	Falcon	El Paso
Ayer	Otero	Colona	Ouray	Falfa	La Plata
Bailey	Park	Columbine	Routt	Farisita	Huerfano
Baldwin	Gunnison	Como ²	Park	Farr	Huerfano
Barnesville	Weld	Conejos	Conejos	Firestone	Weld
Bartlett	Baca	Cope ²	Washington	Firstview	Cheyenne
Barr Lake	Adams	Copper Spur	Eagle	Fitzsimons ²	Adams
² Basal ²	Eagle	Cornish	Weld	Flagler ²	Kit Carson
Battle Creek	Routt	Cortez ²	Montezuma	Fleming ²	Logan
⁴ Bayfield ²	La Plata	Cory	Delta	Florissant	Teller
Bear River	Routt	Cotopaxi	Fremont	Floyd Hill	Clear Creek
Bedrock	Montrose	Cowdrey	Jackson	Flues	Las Animas
Becher	Island	Cragmor ²	El Paso	Fondis	Elbert
Bellvue	Larimer	Crawford ²	Delta	Forder	Lincoln
Bennett ²	Adams	⁴ Creede ²	Mineral	Fort Garland	Costilla
Berthoud ²	Larimer	Crested Butte ²	Gunnison	Fort Logan ²	Arapahoe
Bethune	Kit Carson	Crestone	Saguache	Fort Lyon ²	Bent
Beulah	Pueblo	Critchell	Jefferson	Fosston	Weld
Blackhawk ²	Gilpin	Crook ²	Logan	Fountain ²	El Paso
Blaine	Baca	Cross Mountain	Moffat	⁴ Fowler ²	Otero
Blanca ²	Costilla	Crowley ²	Crowley	Foxton	Jefferson
Bloom	Otero	Cuchara Camps	Huerfano	Franktown	Douglas
Bonanza ²	Saguache	Cumbres	Conejos	Fraser ²	Grand
Boncarbo ¹	Las Animas	Dacona	Weld	Frederick ³	Weld
Boone ²	Pueblo	Dailey	Logan	Frisco	Summit
Bovina	Lincoln	Dalerose	Las Animas	⁴ Fruita ²	Mesa
Bowie ¹	Delta	² De Beque ²	Mesa	Galatea	Kiowa
Boyer	Lincoln	² Deckers	Douglas	Galeton	Weld
Brandon	Kiowa	Deepcreek	Routt	Garcia	Costilla
Branson ²	Las Animas	⁴ Deertrail ²	Arapahoe	Gardner	Huerfano
⁴ Breckenridge ²	Summit	Delagua ²	Las Animas	Garfield	Chaffee
Breen	La Plata	Delcarbon	Huerfano	Garo	Park
Briggsdale ²	Weld	Delhi	Las Animas	Gary	Morgan
⁴ Bristo ¹	Prowers	De Nova	Washington	Gateway	Mesa
Brookhead	Las Animas	Deora	Baca	Genoa ²	Lincoln
Brook Forest	Jefferson	Derby	Adams	⁴ Georgetown ²	Clear Creek
Brookvale	Clear Creek	Dicks	Las Animas	Gilcrest	Weld
Broomfield	Boulder	Dillon	Summit	Gill	Weld
Buckingham ²	Weld	Divide	Teller	Gilman ²	Eagle
⁴ Buena Vista ²	Chaffee	Dolores ²	Montezuma	Glade Park	Mesa
Buffalo Creek	Jefferson	Dove Creek	Dolores	Glendevey	Larimer
Buford	Rio Blanco	Doyleville	Gunnison		
Burdett	Washington				

Post Office	County	Post Office	County	Post Office	County
Glen Haven	Larimer	Kit Carson ²	Cheyenne	Mosca	Alamosa
Goldfield ²	Teller	Kittredge	Jefferson	⁴ Mount Harris ²	Routt
Gold Hill	Boulder	Kline	La Plata	⁴ Mount Morrison ²	Jefferson
Goodrich	Morgan	Koenig ¹	Weld	Mount Princeton Hot Springs ¹	Chaffee
Gordon	Huerfano	Kokomo ²	Summit	Mustang	Huerfano
Gorham	Boulder	Kremmling ²	Grand	Mystic	Routt
Graft	Baca	Kutch	Elbert	Nathrop	Chaffee
⁴ Granada ²	Prowers	La Boca	La Plata	Naturita ²	Montrose
Granby ²	Grand	⁴ Lafayette ²	Boulder	Nederland ²	Boulder
Grand Lake ²	Grand	La Garita	Saguache	⁴ New Castle ²	Garfield
² Grand Mesa	Delta	Laird	Yuma	⁴ New Raymer ²	Weld
⁴ Grand Valley ²	Garfield	⁴ La Jara ²	Conejos	Ninaview	Bent
Granite	Chaffee	Lake City ²	Hinsdale	Niwot	Boulder
Great Divide	Moffat	Lake George	Park	North Avondale	Pueblo
Green Knoll	Lincoln	La Plata	La Plata	Northdale	Dolores
Greenland	Douglas	Laporte	Larimer	North Veta	Huerfano
Green Mountain Falls	El Paso	Larkspur	Douglas	⁴ Norwood ²	San Miguel
Greystone	Moffat	La Salle ²	Weld	Nucla ²	Montrose
Grover ²	Weld	Lascar	Huerfano	⁴ Nunn ²	Weld
Guffey	Park	La Veta ²	Huerfano	Officer	Las Animas
Gulnare	Las Animas	Lawson	Clear Creek	Ohio	Gunnison
Gypsum ²	Eagle	Lay	Moffat	Oklardo	Baca
Hahns Peak	Routt	Lazar ²	Delta	⁴ Olathe ²	Montrose
Hale	Yuma	Leader	Adams	Olney Springs ²	Crowley
Hamilton	Moffat	Lebanon	Montezuma	Ophir	San Miguel
Hardin	Weld	Leonard	San Miguel	Orchard ²	Morgan
Harrisburg	Washington	Lewis	Montezuma	Ordway	Crowley
Hartman ²	Prowers	Lily	Moffat	Ortiz	Conejos
Hartsel	Park	Lime	Pueblo	Otis ²	Washington
Hastings ²	Las Animas	Lindland ³	Jackson	³ Ouray ²	Ouray
Hasty	Bent	Lindon	Washington	Overland Park	Denver
Haswell ²	Kiowa	Livermore	Larimer	Ovid ²	Sedgwick
Haxtun	Phillips	Lodere	Moffat	Oxford	La Plata
Haybro	Routt	Logcabin	Larimer	Padroni	Logan
Hayden ²	Routt	Loma ²	Mesa	Pagoda	Routt
Heartstrong	Yuma	Longs Peak ²	Larimer	Pagosa Junction	Archuleta
Henderson	Adams	Longview ³	Jefferson	⁴ Pagosa Springs ²	Archuleta
Hereford	Weld	Loretto	Arapahoe	Palmer Lake	El Paso
Hesperus ²	La Plata	⁴ Louisville ²	Boulder	Pando	Eagle
Hillrose	Morgan	Louviers	Douglas	Paoli	Phillips
Hillside ²	Fremont	Loyd	Moffat	Paradox	Montrose
Hill Top	Douglas	Lucerne	Weld	Parkdale	Fremont
Hoehne	Las Animas	Ludlow ²	Las Animas	Parker	Douglas
Home	Larimer	Lycan	Baca	Parlin	Gunnison
Homelake	Rio Grande	⁴ Lyons ²	Boulder	Parshall	Grand
Hooper ²	Alamosa	McClave	Bent	Patt	Las Animas
Hoopup	Las Animas	McCoy	Eagle	Paulus	Jackson
⁴ Hotchkiss ²	Delta	McGregor	Routt	Pawnee	Morgan
Hot Sulphur Springs ²	Grand	McPhee ²	Montezuma	³ Peaceful Valley ¹	Boulder
Howard	Fremont	⁴ Mack ²	Mesa	Peckham	Weld
Howardsville	San Juan	Maher	Montrose	Peez ²	Logan
Hobert	Park	Maitland	Huerfano	Penrose ²	Fremont
Hoyt	Morgan	Malta	Lake	Pershing	Routt
Hudson ²	Weld	Manassa ²	Conejos	Peyton	El Paso
Hughes	Yuma	⁴ Mancos ²	Montezuma	Phippsburg ²	Routt
⁴ Hugo ²	Lincoln	⁴ Manzanola ²	Otero	Pictou	Huerfano
Hyde	Washington	⁴ Marble ²	Gunnison	Pierce	Weld
Hydrate	Routt	Marshall Pass	Saguache	Pikeview	El Paso
Hygiene	Boulder	Martin	Grand	Pine	Jefferson
Idalia	Yuma	Marvine	Rio Blanco	Pinecliff	Boulder
Idledale	Jefferson	Masonville	Larimer	Pinnacle	Routt
Ignacio ²	La Plata	Massadona	Moffat	Pitkin	Gunnison
Iliff	Logan	Masters	Weld	Placerville	San Miguel
Independence ²	Teller	⁴ Matheson ²	Elbert	Placita	Pitkin
Indian Hills	Jefferson	Maybell	Moffat	Plainview	Jefferson
Iola	Gunnison	Mead	Weld	Plateau City	Mesa
Ione	Weld	Meredith	Pitkin	Platner	Washington
Jansen	Las Animas	Merino ²	Logan	⁴ Platteville ²	Weld
Jarosa	Costilla	Mesa ²	Mesa	Plum Valley	Las Animas
Jefferson	Park	³ Mesa Verde National Park ³	Montezuma	Poncha Springs ²	Chaffee
Joes	Yuma	Mesita	Costilla	Portland ²	Fremont
Johnstown ²	Weld	Messex	Washington	Powderhorn	Gunnison
Juniper Springs ¹	Moffat	Mildred	Yuma	Price Creek	Moffat
Karval	Lincoln	Milliken	Weld	Primero	Las Animas
Kauffman	Weld	Milner	Routt	Pritchett ²	Baca
Keenesburg ²	Weld	Mindeman	Otero	Proctor	Logan
Kendrick	Lincoln	Mineral Hot Spgs.	Saguache	Prowers	Bent
Keota	Weld	Minturn ²	Eagle	Pryor	Huerfano
Kersey ²	Weld	Model	Las Animas	Purcell	Weld
Keyser	Elbert	Moffat	Saguache	Pyramid	Rio Blanco
⁴ Kim ²	Las Animas	Molina	Mesa	Radium	Grand
Kings Canyon	Jackson	Montezuma	Summit	Ragged Mountain ¹	Gunnison
⁴ Kiowa ²	Elbert	Monument	El Paso	Rago	Washington
Kirk ²	Yuma	Morley	Las Animas		

Post Office	County	Post Office	County	Post Office	County
Ramah ²	El Paso	⁴ Silverton ²	San Juan	Twin Lakes	Lake
Rand	Jackson	Simla	Elbert	Two Buttes	Baca
Rangely	Rio Blanco	Simpson	Adams	Tyrone	Las Animas
Rapson	Las Animas	Sinbad	Montrose	Ute	Montrose
Rattlesnake	Butte	Skull Creek	Moffat	Utleyville	Baca
Raven	Garfield	³ Skyway	Mesa	Valdez	Las Animas
Ravenwood	Huerfano	Slater	Moffat	Vallero	Las Animas
Read	Delta	Sligo	Weld	Vanadium	San Miguel
Redcliff ²	Eagle	Snowmass	Pitkin	Vernon	Yuma
Red Lion	Logan	Snyder	Morgan	Veta Pass	Costilla
Redmesa	La Plata	Somerset ²	Gunnison	Villagrove	Saguache
Redstone	Pitkin	Sopris ²	Las Animas	Villagreen	Las Animas
Redvale	Montrose	South Fork	Rio Grande	Vim	Weld
Redwing	Huerfano	South Platte	Jefferson	Virginia Dale	Larimer
Richards	Baca	⁴ Spicer	Jackson	Vona ²	Kit Carson
Rico ²	Dolores	⁴ Spivak ²	Jefferson	Vroman	Otero
Ridge	Jefferson	Starkville ²	Las Animas	Wages	Yuma
⁴ Ridgway ²	Ouray	Stone City	Pueblo	Wagon Wheel Gan ³	Mineral
Riland	Garfield	Stoneham ²	Weld	Waitley ¹	Washington
Rio Blanco	Rio Blanco	Stoner	Montezuma	Walden ²	Jackson
River Bend	Elbert	Stonington ²	Baca	Walsen ²	Huerfano
Roach	Larimer	Strasburg ²	Arapahoe	Walsh ²	Baca
Rockvale ²	Fremont	⁴ Stratton ²	Kit Carson	Ward ²	Boulder
Rockwood	La Plata	Sugar City ²	Crowley	Watkins	Adams
Rodley	Baca	Sugar Loaf	Boulder	Waunita Hot Springs ¹	Gunnison
Roggen	Weld	Sunbeam	Moffat	Weldona ²	Morgan
Rollinsville	Gilpin	Superior	Boulder	Wellington ²	Larimer
Romeo	Conejos	Swallows	Pueblo	⁴ Westcliffe ²	Custer
Rosita	Custer	Swink ²	Otero	Westminster	Adams
Routt	Routt	Tabernash ²	Grand	Weston ²	Las Animas
Ruedi	Eagle	Tacoma	La Plata	West Plains	Logan
Rugby	Las Animas	Tacony	El Paso	West Portal ²	Grand
Rush	El Paso	Tarryall	Park	Wetmore	Custer
Russell Gulch ²	Gilpin	Telluride	San Miguel	Wheatridge ²	Jefferson
Rye ¹	Pueblo	Tennessee Pass	Lake	Whitewater	Mesa
Saguache ²	Saguache	Tercio	Las Animas	⁴ Wiggins ²	Morgan
Saint Elmo ¹	Chaffee	Texas Creek	Fremont	Wild Horse ²	Cheyenne
Sams	San Miguel	Thatcher	Las Animas	Wilds	Larimer
San Acacio ²	Costilla	Thornburg	Rio Blanco	Wiley ²	Prowers
Sanford ²	Conejos	Thurman	Washington	Willard	Logan
San Luis ²	Costilla	Tiffany	La Plata	⁴ Windsor ²	Weld
San Pablo	Costilla	Tigiwon ³	Eagle	Wolcott	Eagle
Sapinero	Gunnison	Tiger	Summit	Woodland Park	Teller
Sargents	Saguache	Tinnath	Larimer	Woodman ²	El Paso
Sedalia	Douglas	Timpas	Otero	Woodrow	Washington
Sedgewick ²	Sedgewick	Tioga	Huerfano	Woody	Pitkin
Segundo	Las Animas	Tobe	Las Animas	Wormington	Las Animas
⁴ Seibert ²	Kit Carson	Tolland	Gilpin	Yampa ²	Routt
Serene	Weld	Tollerberg	Las Animas	Yellow Jacket	Montezuma
Severence	Weld	Toltec	Huerfano	Yoder	El Paso
Sharpsdale	Huerfano	Toponas	Routt	Youghal ¹	Moffat
Shaw	Lincoln	Towoac	Montezuma		
Shawnee	Park	Towner ²	Kiowa		
Sheephorn	Eagle	³ Trappers Lake	Garfield		
Sheridan Lake	Kiowa	Trinchera	Las Animas		
Sidney	Routt	Troublesome	Grand		
Sigman	Adams	Trout Creek ¹	Routt		
Siloam	Pueblo	Troutville ²	Eagle		
Silt ²	Garfield	Troy	Las Animas		
Silver Cliff	Custer	Tungsten ²	Boulder		
Silver Plume ²	Clear Creek	Turret	Chaffee		

¹ Do not issue money orders.
² International money order offices.
³ Summer offices.
⁴ Postal Savings depositories.
⁵ 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, 1931, based on the average retail price, was \$8.48. On the same date the aggregate cost of the same units at the average retail prices in Denver was \$7.86, or 62 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 7.3 per cent less in Denver than the average for the country as a whole.

The aggregate cost of the 42 articles of food at average retail prices in Denver and the United States (one unit of each) on October 15 for the years named is as follows:

	Denver	U. S.
1926.....	\$ 9.82	\$10.98
1927.....	9.64	10.77
1928.....	10.11	11.10
1929.....	9.86	10.90
1930.....	9.30	10.21
1931.....	7.86	8.48

There is published herewith a table showing the combined cost of one unit of each of the 42 articles of food at the average retail prices in Denver and 17 typical cities on October 15, 1931, with comparisons for the same date in 1930, 1929, 1928 and 1927. This comparison shows that the aggregate cost in Denver was lower than in any of the other cities with which comparisons are made. Denver held relatively the same position with these cities in preceding years, thereby showing that the relatively low cost of living in Denver is a normal condition. The same table shows the percentages of increase in the retail cost of food in October, 1931, compared with the same data in 1913. These figures reveal that food cost 9.5 per cent more on October 15, 1931, than on the same date in 1913 in Denver, while in the United States the increase between the two dates was 19.1 per cent. In this table Los Angeles, Portland, Oregon, and Salt Lake City showed smaller increases than Denver. Of 38 cities compared, 34 showed a larger per cent increase and four a smaller per cent than Denver.

The cost of living in Denver, including food, clothing, rent, fuel and light, housefurnishing goods and miscellaneous, was practically the same in December, 1931, as in the same month in 1917, the difference on all items being less than one per cent. Food was 30.6 per cent lower in December, 1931, than in the same month in 1917; clothing was 6.5 per cent lower; rents were

37.1 per cent higher; fuel and light were 7.1 per cent higher; housefurnishing goods were 0.2 per cent lower; and miscellaneous items were 36.5 per cent higher. An accompanying table gives the changes in the cost of living in 13 cities, in percentages, between December, 1931, and the same month in 1917.

The average retail prices of bituminous coal, prepared sizes, per ton of 2,000 pounds for household use on October 15, 1931, with comparisons on the same date in 1930 and 1929, in typical cities in which the classification of grades are comparable, were as follows:

	1931	1930	1929
Denver.....	\$ 8.13	\$10.29	\$10.31
Atlanta.....	6.78	7.47	7.73
Birmingham.....	6.46	7.51	7.61
Dallas.....	10.83	12.58	12.83
Kansas City.....	6.12	6.93	7.28
Los Angeles.....	16.25	16.50	16.50
Omaha.....	9.00	9.79	9.67
Pittsburgh.....	4.86	4.91	5.30
Portland, Ore.....	12.51	13.27	13.38
St. Louis.....	5.70	6.29	6.77
Salt Lake City.....	7.63	8.41	7.93
Seattle.....	10.62	10.63	10.63

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 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 liv-

ing. 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 following 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 42 articles of food in the United States and Denver on October 15, 1931, with comparisons with 1913, 1926, 1929, and 1930.

OFFICIAL STATE FLOWER

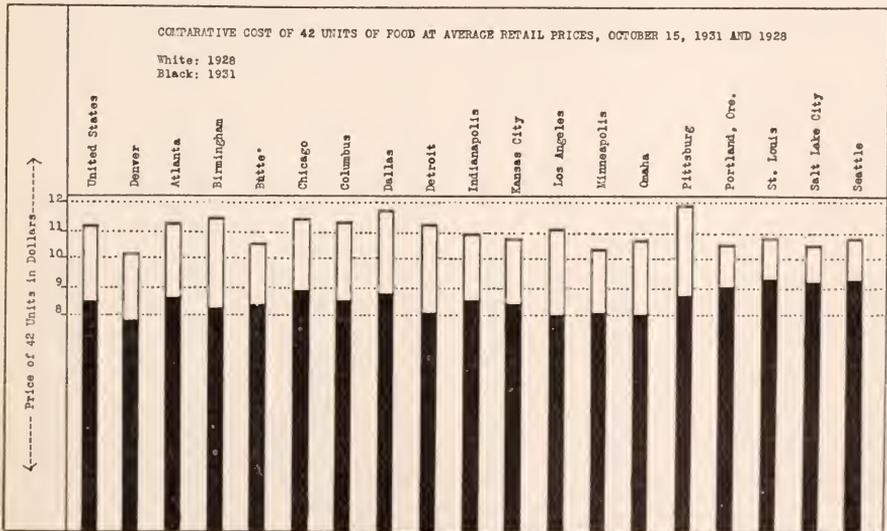
The twelfth general assembly of the Colorado legislature enacted a measure declaring the white and lavender columbine to be the state flower of the state of Colorado. It was approved April 4, 1899, by Gov. Charles S. Thomas.

CHANGES IN COST OF LIVING IN 13 CITIES, DECEMBER, 1917, TO DECEMBER, 1931

(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	*30.6	*6.5	37.1	7.1	*0.2	36.5	0.3
Atlanta	*29.2	*16.7	19.6	4.8	*5.7	28.7	*6.2
Birmingham	*33.2	*20.1	1.5	24.9	*11.0	24.1	*9.6
Cincinnati	*24.2	*22.4	43.9	64.6	*5.1	50.3	5.8
Indianapolis	*29.1	*19.4	11.3	23.7	*12.4	49.2	*0.8
Kansas City	*28.9	*9.9	16.3	14.3	*11.5	42.3	*1.1
Memphis	*34.2	*10.4	18.4	48.3	*0.9	35.2	*0.5
Minneapolis	*25.5	*16.2	19.8	44.3	*2.7	36.1	2.1
New Orleans	*30.3	*9.7	38.7	4.1	*0.5	45.2	0.3
Pittsburgh	*29.2	*13.3	52.3	83.8	*6.4	45.6	4.5
Richmond	*29.2	*8.6	21.8	37.6	15.5	40.3	0.3
St. Louis.....	*29.8	*19.2	44.0	20.7	*0.6	39.2	1.4
Scranton	*22.8	*7.1	51.8	69.5	7.3	55.2	8.4

*Denotes decrease.



* Oleomargarine not included

COST OF LIVING IN DENVER
Average Retail Price of Food Products (U. S. Department of Labor)

Article	Unit	Average for U. S. on October 15					Average for Denver on October 15				
		1931	1930	1929	1926	1913	1931	1930	1929	1926	1913
		Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
Sirloin steak-----	lb.	38.6	44.5	50.3	41.5	25.7	30.1	36.4	42.1	33.6	23.9
Round steak-----	"	33.6	39.3	44.5	36.0	23.1	27.4	33.1	37.4	30.2	21.4
Rib roast-----	"	28.0	32.5	37.0	30.5	20.0	24.0	28.3	30.1	24.0	17.8
Chuck roast-----	"	20.7	25.4	30.0	22.8	16.4	18.4	22.8	26.1	12.5	15.8
Plate beef-----	"	13.5	17.2	21.0	14.6	12.3	10.9	14.2	17.1	11.1	10.0
Pork chops-----	"	29.3	37.9	38.9	42.6	22.6	28.2	36.9	38.4	40.6	20.8
Bacon-----	"	34.3	42.6	43.7	51.7	27.8	33.9	41.3	42.2	53.3	28.0
Ham (sliced)-----	"	44.2	53.1	55.1	59.8	27.6	43.3	52.6	53.3	60.8	31.7
Lamb-----	"	27.5	32.8	38.5	38.3	18.4	25.0	28.9	36.1	35.8	14.6
Hens-----	"	29.9	33.8	38.4	37.6	21.2	24.8	26.2	31.3	29.8	19.4
Salmon, canned*-----	"	30.3	34.0	31.9	35.6	---	31.3	33.8	33.2	34.5	---
Milk, fresh-----	qt.	12.0	14.0	14.4	14.0	9.0	10.3	11.3	12.0	12.0	8.4
Milk, evaporated-----	†	8.8	9.9	10.6	11.4	---	9.0	9.9	9.9	10.7	---
Butter-----	lb.	39.9	47.8	55.7	54.3	38.2	38.5	42.9	49.3	49.0	39.0
Oleomargarine-----	"	18.8	25.0	27.0	30.2	---	18.9	23.2	24.5	29.0	---
Cheese-----	"	27.1	34.2	37.9	36.7	22.4	27.7	36.1	39.0	37.4	26.1
Lard-----	"	12.4	17.7	18.3	21.9	16.0	12.2	17.5	18.4	22.6	16.1
Vegetable lard substitute-----	"	22.7	24.1	24.7	25.7	---	19.7	20.3	20.9	24.3	---
Eggs, strictly fresh-----	doz.	37.9	44.8	58.0	58.1	41.6	31.0	40.0	53.3	55.6	37.1
Bread-----	lb.	7.3	8.6	8.9	9.4	5.6	6.4	7.2	7.6	8.3	5.5
Flour-----	"	3.3	4.3	5.2	5.7	3.3	2.4	3.2	3.9	4.5	2.6
Corn meal-----	"	4.4	5.3	5.3	5.1	3.1	3.9	4.7	4.6	4.0	2.6
Rolled oats-----	"	7.9	8.6	8.8	9.1	---	7.0	7.5	7.6	8.3	---
Corn flakes-----	‡	8.9	9.3	9.5	10.9	---	9.1	9.7	9.5	11.1	---
Wheat cereal-----	§	23.3	25.4	25.5	25.4	---	23.3	24.7	24.6	24.9	---
Macaroni-----	lb.	16.3	19.1	19.7	20.2	---	18.1	19.7	19.4	19.7	---
Rice-----	"	7.8	9.5	9.7	11.6	8.1	7.0	9.0	8.9	10.6	8.6
Beans, navy-----	"	6.7	11.3	14.2	9.1	---	6.4	9.9	13.1	9.6	---
Potatoes-----	"	1.8	3.1	3.8	3.8	1.8	1.7	2.6	3.0	3.3	1.4
Onions-----	"	4.3	4.2	5.3	5.0	---	4.2	3.8	4.4	3.7	---
Cabbage-----	"	3.2	3.6	4.5	4.0	---	2.2	2.3	3.5	2.4	---
Beans, baked-----	||	10.3	10.8	11.7	11.7	---	10.6	10.7	11.6	11.4	---
Corn, canned-----	"	12.6	15.2	15.8	16.3	---	12.7	14.4	14.1	14.8	---
Peas, canned-----	"	13.7	16.0	16.7	17.4	---	13.9	15.3	15.3	15.8	---
Tomatoes, canned-----	"	9.8	12.1	12.6	12.1	---	10.6	12.8	12.9	12.1	---
Sugar, granulated-----	lb.	5.6	5.8	6.7	7.2	5.5	6.3	6.4	7.4	7.6	5.4
Tea-----	"	75.6	77.1	77.6	77.3	54.5	73.0	71.9	68.7	69.3	52.8
Coffee-----	"	32.1	39.1	49.1	50.9	29.7	39.2	41.6	50.1	51.0	29.4
Prunes-----	"	11.1	14.5	17.1	16.9	---	12.6	15.3	19.6	18.3	---
Raisins-----	"	11.4	11.7	12.2	14.8	---	11.6	11.5	12.1	14.5	---
Oranges-----	doz.	37.3	66.8	44.9	56.0	---	31.1	61.5	37.2	50.3	---
Bananas-----	"	24.0	29.4	32.4	34.9	---	‡8.0	‡8.4	‡11.1	---	---

*Both pink and red.
†15-16-ounce can.

‡8-ounce package.
§28-ounce package.

||No. 2 can.
‡Per lb.

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., 1931 Compared with 1913	Aggregate Cost on October 15				
		1931	1930	1929	1928	1927
United States...	19.1	\$ 8.48	\$10.21	\$10.90	\$11.10	\$10.77
Denver	9.5	7.86	9.30	9.86	10.11	9.64
Atlanta	15.3	8.61	10.31	11.32	11.26	11.18
Birmingham ...	14.6	8.26	10.38	11.21	11.36	10.35
Butte* .....	...	8.31	9.57	10.39	10.46	10.10
Chicago	31.3	8.83	10.60	11.12	11.43	11.10
Columbus .....	...	8.53	10.46	11.10	11.35	10.91
Dallas	11.8	8.77	10.70	11.58	11.69	11.34
Detroit	18.1	8.10	10.06	10.93	11.24	11.05
Indianapolis ...	13.8	8.53	10.35	11.11	10.97	10.64
Kansas City ...	17.4	8.34	9.86	10.59	10.69	10.35
Los Angeles....	8.6	8.00	9.79	10.87	11.06	10.62
Minneapolis ...	19.7	8.09	9.72	10.21	10.33	9.83
Omaha	11.7	8.02	9.67	10.41	10.66	10.14
Pittsburgh	17.6	8.71	10.75	11.60	11.85	11.48
Portland, Ore....	7.5	8.99	9.41	10.38	10.51	10.23
St. Louis.....	19.8	8.30	9.75	10.52	10.63	10.36
Salt Lake City..	4.7	8.22	9.71	10.35	10.47	10.08
Seattle	15.5	8.29	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.

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.

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.

LYNCHING RECORD

Colorado is one of the few states of the Union in which no lynchings have occurred in the 11 years ending with 1930, according to the annual summaries of the Tuskegee institute. Of 4,308 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.

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 592 companies, associations, exchanges and societies operating in Colorado on December 31, 1931, compared with 524 on the same date in 1927, classified as follows:

	1931	1927
Fire and marine (stock).....	251	237
Fire and marine (mutual)....	33	26
Life—legal reserve.....	98	89
Casualty and miscellaneous..	136	91
County mutual fire and hail..	5	5
Assessment life.....	1	1
Assessment health and acci- dent	4	3
Reciprocal exchanges.....	18	22
Fraternal societies.....	47	50
Totals	592	524

Premiums received by these companies from Colorado business in 1931 amounted to \$41,925,896, which compares with \$33,529,413 in 1930, \$48,089,054 in 1929 and \$38,176,452 in 1927. Losses paid in 1931 amounted to \$15,188,697, which compares with \$16,319,541 in 1930, \$15,485,623 in 1929 and \$11,538,749 in 1927.

Losses paid by all companies from 1882 to 1931, inclusive, aggregated \$268,062,865 as follows:

Class	Period	Amount
Fire and marine ..	1882-1931	\$ 69,218,701
Life—legal reserve.	1882-1931	115,816,978
Casualty, etc.....	1882-1931	42,940,629
County mutual....	1910-1931	654,830
Assessment—life, etc.	1893-1931	3,800,964
Reciprocal	1916-1931	1,191,257
Colorado assess- ment hail.....	1921-1927	483,033
Foreign assessment hail	1910-1925	1,143,333
Fraternal	1916-1931	32,813,140
Total.....		\$268,062,865

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	2,858,858
	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
	1931	5,928,817	2,258,434
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
	1931	26,819,302	7,899,487
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
	1931	6,018,609	3,119,182
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	80,545
	1930	121,960	64,377
	1931	124,570	68,144
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
	1931	188,987	71,674
	Fraternal	1916	1,828,389
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	2,765,152
1929		2,854,545	2,483,308
1930		2,946,660	2,034,418
1931		2,791,247	1,729,152
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
1931	54,364	42,624	

*Includes foreign Assessment Hail for these years.

Nature of Insurance	Year	Premiums	Losses
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

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 deputies 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, po-

tatoes, 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.

Net insurance written by years is as follows:

Year	Amount
1929	\$ 545,181.88
1930	1,426,041.06
1931	780,671.53

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
1931	77,691.88

Net losses paid, by years, were as follows:

Year	Amount
1929	\$ 26,045.03
1930	65,335.68
1931	51,907.18

Net assets of the department on January 1, 1932, amounted to \$104,825.72.

Colorado Mortality Statistics

THERE were 13,207 deaths in Colorado in the calendar year of 1930 as reported by the division of vital statistics of the bureau of the census. This compares with 12,874 in 1929, an increase of 333. The death rate per 100,000 population in 1930 was 1,272.4, which compares with 1,251.4 in 1929. Pneumonia (all forms) was responsible primarily for the increase in the mortality for the state. The number of deaths from pneumonia increased from 1,054 in 1929 to 1,226 in 1930, and the rate per 100,000 population from 102.5

in 1929 to 118.1 in 1930. Diseases of the heart increased from 1,775 deaths to 1,887 and the rate from 172.5 to 180.8. Although the general mortality rate for the state increased, there was a great decrease in the mortality from influenza, the number of deaths having reduced from 639 to 563 in 1930, and the rate from 62.1 in 1929 to 55 in 1930.

The following table shows the number 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	...
1929	.....12,874	12.5	...
1930	.....13,207	12.7	...

The largest number of deaths from any single cause is from diseases of the heart. The number in 1930 was 1,877, or at the rate of 180.8 per 100,000 population. Heart diseases accounted for 14.2 per cent of all deaths in the state in 1930. The number of deaths from this cause by years is as follows:

1925	.....	1,385
1927	.....	1,612
1928	.....	1,861
1929	.....	1,775
1930	.....	1,877

Tuberculosis (all forms) came second, with 1,283 deaths from that cause in 1930, or at the rate of 125.6 per 100,000 population. This disease accounted for 9.7 per cent of all deaths in that year. Deaths from tuberculosis in all forms, by years, is as follows:

1925	.....	1,495
1927	.....	1,492
1928	.....	1,415
1929	.....	1,282
1930	.....	1,283

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 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 deaths13,082

An accompanying table shows the death rate per 100,000 population in Colorado for the years 1921 to 1930, inclusive.

The number of deaths from various causes and the totals for 1929 and 1930 were as follows:

Cause	1930	1929
Typhoid and paratyphoid fever	56	66
Smallpox	1	5
Measles	91	7
Scarlet fever	25	15
Whooping-cough	130	49
Diphtheria	41	39
Influenza	363	639
Dysentery	30	23
Erysipelas	27	39
Acute poliomyelitis and acute poliomyelitis	17	6
Lethargic or epidemic encephalitis	10	14
Epidemic cerebrospinal meningitis	50	128
Tuberculosis (all forms)	1,283	1,282
Of the respiratory system	1,192	1,202
Of the meninges, central nervous system	31	25
Other forms	60	55
Syphilis†	126	113
Malaria	2	2
Cancer and other malignant tumors	1,035	1,028
Rheumatism and gout	38	40
Diabetes mellitus	151	137
Pellagra	5	4
Pernicious anemia	44	44
Alcoholism (acute or chronic)	37	29
Meningitis (nonepidemic)	40	45
Cerebral hemorrhage, embolism, thrombosis and softening	901	832
Hemiplegia, other paralysis, cause not specified	22	29
Diseases of the heart	1,877	1,775

Cause	1930	1929	Cause	1930	1929
Diseases of the arteries, atheroma, aneurysm, etc.	287	‡	All other defined causes..	1,001	‡
Bronchitis	40	32	Unknown or ill-defined causes	77	73
Pneumonia (all forms)....	1,226	1,054	Supplemental		
Respiratory diseases other than bronchitis and pneumonia (all forms)...	131	‡	Mine and quarry accidents	54	79
Ulcer of the stomach and duodenum	99	73	Machinery accidents.....	31	17
Diarrhea and enteritis....	506	425	Railroad accidents:		
Diarrhea and enteritis (under 2 years).....	416	357	Collision with automobile	9	22
Diarrhea and enteritis (2 years and over)...	90	68	Other railroad accidents	43	50
Appendicitis	258	252	Street car accidents:		
Hernia, intestinal obstruction	136	151	Collision with automobile	1	7
Cirrhosis of the liver....	59	58	Other street car accidents	9	7
Nephritis	824	817	Automobile accidents (excluding collision with railroad trains and street cars)	271	258
Puerperal septicemia....	72	71	Other transportation accidents£	32	‡
Puerperal causes other than puerperal septicemia	68	84	*Total deaths all causes		
Congenital malformations and diseases of early infancy	757	719		13,207	12,874
Suicide	203	168	*Exclusive of stillbirths.		
Homicide	88	90	‡Includes tabes dorsalis (locomotor ataxia) and general paralysis of the insane.		
Accidental and unspecified external causes.....	973	980	‡Not comparable.		
Burns (conflagration excepted)§	53	57	§Includes deaths from this cause where the accident occurred in a mine or quarry, by machinery, or in connection with transportation.		
Accidental drowning§... ..	61	72	£Includes air, motorcycle and water transportation accidents.		
Accidental shooting	33	41			
Accidental falls§	205	169			
Excessive heat (burns excepted)	1	3			
Other external causes... ..	620	‡			

DEATH RATE PER 100,000 POPULATION
(Compiled from Census Reports)

Cause of Death	Colorado									
	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921
Typhoid and paratyphoid fever...	5.4	6.4	3.9	7.2	5.9	8.8	6.7	10.5	11.4	10.1
Malaria	0.2	0.2	0.2	0.3	0.3	0.2	---	---	0.2	---
Smallpox .....	.01	0.5	0.1	0.3	0.1	---	---	1.6	27.8	4.7
Measles	8.8	0.7	5.0	12.7	1.2	0.8	21.5	9.8	0.7	8.4
Scarlet fever	2.4	1.5	4.4	5.9	2.1	2.9	4.4	4.2	5.4	5.9
Whooping cough.....	12.5	4.8	11.1	5.3	17.2	9.9	6.5	10.5	6.0	10.2
Diphtheria	3.9	3.8	3.8	9.1	9.2	14.3	15.6	23.9	27.4	24.8
Influenza and pneumonia (all forms).....	---	---	220.2	139.6	154.5	157.3	156.7	166.2	191.0	130.4
Tuberculosis (all forms).....	123.6	124.6	129.8	139.2	144.2	152.4	163.1	168.5	183.3	184.6
Cancer and other malignant tumors	99.7	99.9	93.3	93.5	82.1	86.7	83.3	85.9	73.8	74.7
Diabetes mellitus.....	14.5	13.3	17.1	12.3	13.4	10.2	9.9	13.1	14.6	14.3
Alcoholism	3.6	2.8	---	2.4	2.3	1.7	2.9	3.7	4.2	3.2
Cirrhosis of the liver.....	5.6	5.7	4.6	6.3	4.8	4.7	6.2	5.4	6.4	5.6
Diseases of the heart.....	180.8	172.5	170.7	150.1	142.7	133.3	126.5	126.0	133.5	122.6
Pneumonia (all forms).....	118.1	102.5	116.4	99.4	98.5	101.2	122.5	122.2	131.7	110.5
Diarrhea and enteritis.....	48.7	41.3	31.5	34.1	29.5	46.3	38.4	41.1	43.6	41.5
Acute and chronic nephritis.....	79.4	79.4	80.3	73.5	72.1	71.6	76.3	70.7	78.4	68.8
Old age	---	---	---	13.5	13.0	11.5	10.6	10.6	14.1	14.4
Suicide	19.6	16.3	16.9	15.5	14.7	17.4	16.3	14.2	18.0	14.8
Homicide	8.5	8.7	5.6	5.5	6.6	8.1	10.0	9.2	11.7	11.8
Automobile accidents.....	26.1	25.1	20.3	21.8	16.5	14.0	15.7	15.9	16.3	12.6
Unknown or ill-defined diseases	7.4	7.1	4.8	4.7	2.4	0.3	4.6	2.9	4.5	2.6

DEATHS FROM AUTOMOBILE ACCIDENTS

Deaths from automobile accidents in Colorado, exclusive of collisions with railroad trains and street cars, were 271 in 1930, the largest in any year on record. Deaths where automobiles come into collision with railroad trains and street cars are listed under railroad accidents. There were 10 deaths from such collisions in 1930; 29 in 1929, 15 in 1928 and 22 in 1927.

The number of deaths and rates per 100,000 population in Colorado and the registration area by years, from automobile accidents as described above, 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	258	25.1	...
1930	271	26.1	...

DEATHS BY SUICIDE

There were 203 deaths by suicide in Colorado in 1930, an increase of 35 compared with 1929. These occurred at the rate of 19.6 for every 100,000 persons in the state, the highest rate reported in 18 years.

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	163	16.3	...
1930	203	19.6	...

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

Detailed statistics for years subsequent to 1927 have not as yet been released.

HOMICIDE DEATHS

There were 88 deaths from homicide in Colorado reported in 1930, which compares with 90 in 1929. The maximum number of deaths from homicide in the past nine years was in 1922, when the total was 114.

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. Detailed figures for years later than 1927 have not as yet been released.

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	8.8
1927	59	5.5	8.7
1928	59	5.6	...
1929	90	8.7	...
1930	88	8.5	...

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
1929	2.8	..
1930	3.6	..

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, 1931, a total of 13,271 prisoners, exclusive of Kit Carson county, for which data are not available. Of that number 12,277 were males and 994 were females. This was an increase of 2,337 over the number of prisoners received in 1930, and the largest gain in seven years. The number of prisoners in the county jails of the state on November 30, 1931, was 619, which compares with 913 on the same date in 1930, 496 in 1929 and 660 on the same date in 1928.

Twenty counties received no female prisoners in 1931, which compares with 17 counties in 1930, 16 in 1929, 21 in 1928 and 18 counties in 1927.

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
1931	12,277	994	13,271

The percentages of males and females received by years were as follows:

Year	Per Cent	
	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
1931	92.55	7.45

A table published on page 338 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
1931	571	48	619

PRISONERS IN COUNTY JAILS, YEARS ENDING NOVEMBER 30
(From Records of County Sheriffs)

COUNTY	Prisoners Received						No. Prisoners at End of Year		
	1931			1930	1929	1928	1931	1930	1929
	Male	Female	Total						
Adams.....	579	16	595	339	368	308	8	11	15
Alamosa.....	66	5	71	42	44	28	3	1	4
Arapahoe.....	96	3	99	67	130	68	5	7	3
Archuleta.....	2	...	2	3	4	...	...	...	1
Baca.....	86	...	86	91	32	75	4	6	...
Bent.....	152	1	153	114	77	64	6	3	4
Boulder.....	547	39	586	533	530	562	12	15	8
Chaffee.....	62	3	65	31	42	29	5	5	8
Cheyenne.....	53	...	53	20	25	12	1	2	1
Clear Creek.....	33	4	37	26	15	32	1	2	3
Conejos.....	50	...	50	10	27	7	11	8	1
Costilla.....	35	...	35	23	11	5	5	3	...
Crowley.....	82	11	93	111	77	94	7	3	...
Custer.....	4	...	4	6	2	2	1	2	1
Delta.....	79	2	81	54	65	68	1	3	5
Denver.....	4,792	508	5,300	4,422	4,369	4,756	284	290	243
Dolores.....	8	...	8	6	*	22	...	...	*
Douglas.....	25	...	25	70	54	35	...	...	...
Eagle.....	48	3	51	33	23	41	5	10	...
Elbert.....	18	...	18	8	21	*	...	1	...
El Paso.....	474	77	551	506	442	385	22	16	16
Fremont.....	86	5	91	104	107	91	4	8	5
Garfield.....	102	5	107	71	108	105	8	10	8
Gilpin.....	16	...	16	32	12	10	...	...	...
Grand.....	36	2	38	25	29	26	...	...	...
Gunnison.....	64	4	68	59	42	47	2	3	1
Hinsdale.....	3	...	3	...	*	...	...	...	...
Huerfano.....	137	12	149	146	136	143	6	7	5
Jackson.....	3	...	3	2	2	1	...	...	...
Jefferson.....	515	25	540	302	327	278	9	11	11
Kiowa.....	10	...	10	20	13	6	...	...	...
Kit Carson.....	*	...	*	*	72	41	*	*	5
Lake.....	59	4	63	134	175	395	1	4	...
La Plata.....	164	15	179	165	185	167	7	7	7
Larimer.....	257	10	267	266	230	237	11	9	8
Las Animas.....	299	25	324	319	328	477	5	7	7
Lincoln.....	79	...	79	50	22	...	8	11	...
Logan.....	154	11	165	172	134	157	2	16	3
Mesa.....	154	19	173	160	194	*	7	8	12
Mineral.....	5	2	7	1	3	1	...	...	2
Moffat.....	87	2	89	64	44	35	4	5	2
Montezuma.....	57	4	61	55	36	39	4	1	1
Montrose.....	140	3	143	86	85	87	13	7	...
Morgan.....	237	21	258	262	194	202	5	5	7
Otero.....	279	14	293	293	218	233	12	273	11
Ouray.....	18	...	18	28	25	6	1	...	...
Park.....	24	1	25	10	11	14	1	...	...
Phillips.....	54	2	56	49	18	2	4	5	4
Pitkin.....	11	...	11	1	6	1	...	...	...
Prowers.....	347	26	373	271	223	155	16	13	12
Pueblo.....	534	72	606	543	486	356	61	74	35
Rio Blanco.....	12	1	13	9	8	15	...	2	2
Rio Grande.....	82	1	83	67	71	85	...	5	...
Routt.....	87	11	98	90	54	*	5	7	3
Saguache.....	68	6	74	10	48	74	7	4	6
San Juan.....	7	...	7	2	6	12	...	...	...
San Miguel.....	10	...	10	2	6	7	...	...	...
Sedgwick.....	28	...	28	*	*	43	2	*	*
Summit.....	11	...	11	8	7	8	...	...	4
Teller.....	74	1	75	82	50	57	3	...	...
Washington.....	79	2	81	22	40	21	6	...	1
Weld.....	519	14	533	437	378	361	24	23	19
Yuma.....	78	2	80	*	95	79	...	*	2
State.....	12,277	994	13,271	10,934	10,586	10,667	619	913	496

*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
Hiff 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 Volumes	Circulation	Appropriation	No. of Borrowers	Hours Per 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	14,730	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.....	10,006	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	....	....	..
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.

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 the following members: George P. Schumacker and Rodney J. Bardwell, Jr., both of Denver; William J. Bennett of Arvada, Charles H. Leckenby of Steamboat Springs, and Thomas H. Iles of Axial. The members, under a recent statute, are elected by the taxpayers of the district.

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

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

The pioneer tunnel was officially "holed" through on February 18, 1927, the blast of dynamite being set off by President Coolidge upon pressing a key in Washington, and the program being 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. 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, Sa-guache county, was started on May 27, 1911, and completed in October, 1912. It is eight feet wide, seven feet high and 6,600 feet long. It was constructed for mine drainage and development purposes.

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

The Roosevelt tunnel is located in the Cripple Creek district in Teller county and was constructed to drain gold mines in the district. It is 10 feet wide, six feet high and 14,167 feet long. It cost \$386,421. Work started on it in June, 1907, and it was fin-

ished 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 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 subdivided. 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 subdivisions 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 restaurants 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 businesses, 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.

TYPES OF OPERATION IN COLORADO

	Number of Stores	Net Sales (1929)	Per Cent of Total 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 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 }		
Unclassified types	8	313,857	.06
Totals	14,063	\$497,852,191	100.00

SUMMARY OF PRINCIPAL RETAIL GROUPS IN DENVER

	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)
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-----	28	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	\$ 7,584,978	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	283,575	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	79,949
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 employes does not include those working part time, but the total payroll includes the salaries of both full-time and part-time employes. Later reports will show the number of part-time employes 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 employes. The abridged figures above do not provide the basis for correctly computing average wages, average sales per employe nor rate of stock turn.

SUMMARY OF THE PRINCIPAL RETAIL GROUPS IN COLORADO

(1930 Population, 1,035,791; Per Capita Sales, \$480.65)

	Number of Stores	Net Sales (1929)	Per Cent of Total 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

WHOLESALE BUSINESS

The bureau of the census of the United States department of commerce collected statistics in 1930 for the first time showing wholesale distribution. The data cover wholesale operations in 1929. The census for Colorado showed that there were 2,075 wholesale establishments in the state in 1929, employing 14,628 persons, exclusive of proprietors, paying \$48,352,641 in expenses, including salaries and wages, and having net sales during the year amounting to \$539,625,526.

In addition to wholesalers of the conventional type, the census covers wholesalers rendering limited services, such as desk jobbers and cash-and-carry wholesalers, and the whole range of organizations engaged in wholesale trade or operating on a wholesale basis, including brokers, commission merchants, chain-store warehouses, manufacturers' sales branches, selling

agents, assemblers of agricultural products, etc. The statistics have been condensed into 24 groups. These groups comprise 88 major classifications and 351 minor or detailed classifications. For the purpose of conserving space, a summary for Colorado published herewith comprises all establishments engaged in the wholesale business, reduced to 24 major classifications. Persons desiring more detailed information will find it available in the complete census reports.

The wholesale trade in farm products (including only those not specified under other classifications) ranked first in 1929, with 357 establishments having net sales of \$142,459,705. Livestock, other than horses and mules, accounted for \$85,982,512 of the total, and grain for \$50,629,104. Food products not elsewhere specified were second, with 392 establishments doing a wholesale business of \$80,948,860. Under this classification fruits and vegetables

accounted for \$46,407,787 and meats and meat products for \$20,228,265. Groceries and food specialties ranked third, with 164 wholesale establishments having net sales of \$78,470,500, of which the general line of groceries accounted for \$41,914,439 and food and grocery specialties for \$36,556,061. Metals and minerals, except petroleum and scrap, ranked fourth, with 34 establishments having net sales of \$42,091,974. Petroleum and petroleum products came fifth, with 445 establishments having net sales of \$31,471,903 and machinery, equipment and supplies, exclusive of electrical, came sixth, with 149 establishments and net sales of \$26,423,030. The automotive group came seventh, with 68 establishments and net sales of \$25,815,127. Under this classification, automobiles and other motor vehicles accounted for \$13,158,207, auto equipment for \$5,691,980; parts, \$1,262,949, and tires and tubes, \$4,701,982.

The principal commodity sales, by kind, in the order of their rank, per cent of total sales, and volume, are as follows:

Commodity	Per cent	Net sales
Livestock	18.1	\$80,607,000
Fruits and vegetables..	7.6	33,941,000
Iron and steel products	7.4	32,999,000
Groceries	5.3	23,427,000
Petroleum and petroleum products	4.8	21,507,000
Grain	4.3	19,231,000
Meats and meat products	4.0	17,729,000
Dairy products and eggs	3.1	13,761,000
Automobiles	3.0	13,377,000
Auto equipment.....	3.0	13,131,000
Machinery, equipment and supplies	2.9	12,853,000
Electrical appliances...	2.7	11,927,000
Coal and coke.....	2.5	11,166,000
Cigars, cigarettes and tobacco	2.2	9,851,000
Canned goods.....	1.9	8,466,000

Another table published herewith shows wholesale trade by cities in 1929.

WHOLESALE TRADE IN COLORADO, SUMMARY BY PRINCIPAL CLASSIFICATIONS, 1929
(Compiled from Census Reports)

KIND OF BUSINESS	No. of Establishments	No. of Employees, (Proprietors Not Included)	Salaries and Wages	Total Expenses, Including Salaries and Wages	Stocks on Hand, End of Year, at Cost	Net Sales
Amusements and sporting goods.....	33	421	\$ 644,563	\$ 1,318,751	\$ 552,989	\$ 5,456,250
Automotive	68	1,088	2,203,924	4,102,603	2,997,370	25,815,127
Chemicals, drugs and allied products	41	506	914,247	1,665,418	2,265,529	13,426,150
Dry goods and apparel.....	62	356	540,685	1,122,314	945,153	7,591,374
Electrical	50	746	1,217,017	2,461,506	1,862,335	20,964,324
Farm products (not elsewhere specified)	357	1,018	1,688,575	3,655,588	4,787,764	142,459,705
Farm supplies (except machinery and equipment).....	18	256	253,835	532,444	391,186	6,386,139
Food products (not elsewhere specified)	392	3,090	3,606,870	6,880,403	3,919,657	80,948,860
Forest products (except lumber).....	4	75	112,658	124,896	108,810	341,437
Furniture and house-furnishings.....	28	270	477,798	811,189	966,444	6,492,598
Groceries and food specialties.....	164	1,712	3,132,026	7,328,437	6,077,687	78,470,500
Hardware	20	306	526,050	1,207,217	1,560,340	5,286,498
Iron and steel scrap and other waste metals.....	22	99	95,195	181,600	160,432	2,282,092
Jewelry and optical goods.....	16	106	187,429	331,511	425,761	1,177,068
Leather and leather goods (except gloves and shoes).....	9	79	149,293	290,369	472,973	1,190,699
Lumber and building materials (other than metal).....	44	484	921,653	1,824,125	618,111	13,765,210
Machinery, equipment and supplies (except electrical).....	149	1,229	2,325,750	4,269,398	3,634,023	26,423,030
Metals and minerals (except petroleum and scrap).....	34	243	598,904	1,390,736	374,841	42,091,974
Paper and paper products.....	20	415	656,492	1,130,438	1,175,851	5,380,023
Petroleum and petroleum products	445	1,190	2,221,939	4,616,983	1,859,625	31,471,903
Plumbing and heating equipment and supplies.....	34	373	634,848	1,337,899	1,121,517	6,996,368
Tobacco and tobacco products (except leaf).....	23	179	333,186	742,736	419,633	10,431,035
All others.....	36	387	510,299	1,026,080	750,566	4,777,171
Total, state.....	2,075	14,623	\$23,947,236	\$48,352,641	\$37,448,597	\$539,625,526

Note.—This table includes wholesalers only, bulk and tank stations, district and general sales offices, manufacturers' sales branches, agents and brokers, assemblers and country buyers and wholesale manufacturers, and is inclusive of 351 minor or detailed classifications which are omitted for lack of space, but which are available in detail in the census reports.

WHOLESALE TRADE IN COLORADO, BY CITIES, 1929

(Compiled from Census Reports)

CITY	No. of Establishments	No. of Employes (Proprietors not included)	Salaries and Wages	Total Expenses Including Salaries and Wages	Stocks on Hand, End of Year, at Cost	Net Sales
Alamosa (Pop. 5,107)-----	12	44	\$ 100,087	\$ 181,050	\$ 112,438	\$ 1,796,229
Boulder (Pop. 11,223)-----	12	38	58,612	106,252	109,348	733,152
Canon City (Pop. 5,938)-----	12	52	54,553	115,193	53,369	798,170
Colorado Springs (Pop. 33,237)-----	43	318	491,118	997,097	493,407	8,359,227
Denver (Pop. 287,861)-----	934	10,564	18,343,311	37,109,154	25,720,052	395,958,075
Fort Collins (Pop. 11,489)-----	12	63	101,551	207,146	252,341	2,901,759
Grand Junction (Pop. 10,247)-----	29	218	382,669	682,539	905,529	7,579,111
Greeley (Pop. 12,203)-----	23	186	203,194	426,926	276,899	4,911,267
La Junta (Pop. 7,193)-----	10	27	46,597	89,047	55,861	676,681
Longmont (Pop. 6,029)-----	16	28	57,231	119,365	129,006	1,045,361
Loveland (Pop. 5,506)-----	7	14	28,724	65,726	66,226	642,783
Pueblo (Pop. 50,096)-----	65	711	1,018,672	2,074,289	2,144,148	18,965,425
Salida (Pop. 5,065)-----	7	42	36,560	79,293	47,995	459,870
Sterling (Pop. 7,195)-----	19	88	164,023	286,231	302,782	4,887,011
Trinidad (Pop. 11,732)-----	25	189	397,706	788,552	619,178	12,712,997
Walsenburg (Pop. 5,503)-----	11	34	62,812	150,986	142,999	1,372,639

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 parallels. 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.

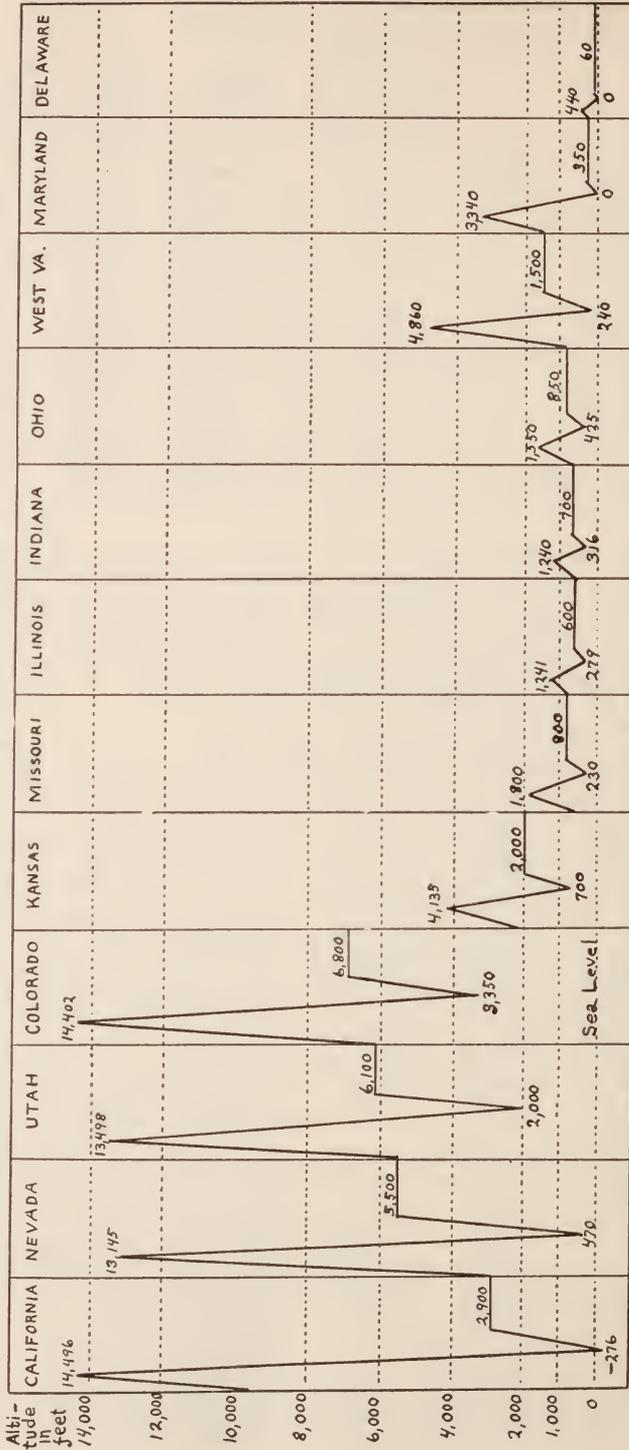
The following table gives the distance in miles north and south of Denver, reckoned on latitude, of important cities of the world. It is based

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)



**TOTAL OF 1932 CROP PRODUCTION
LOANS MADE IN COLORADO
FROM UNITED STATES GOV-
ERNMENT FUNDS**

County	No. of Loans	Approved Amount of Loans
Adams	170	\$ 37,857.00
Alamosa	108	28,205.97
Arapahoe	82	12,513.00
Archuleta	24	1,378.90
Baca	120	21,031.00
Bent	58	9,869.00
Boulder	6	821.00
Chaffee	15	2,226.00
Cheyenne	115	21,200.00
Clear Creek	..	..
Conejos	355	71,367.11
Costilla	174	20,953.76
Crowley	98	22,710.00
Custer	72	9,012.00
Delta	98	14,455.83
Denver	2	470.00
Dolores	54	6,183.30
Douglas	14	2,551.00
Eagle	21	2,863.30
Elbert	100	14,661.00
El Paso	126	18,656.00
Fremont	9	1,046.00
Garfield	44	7,028.00
Gilpin	1	150.00
Grand	4	536.00
Gunnison	5	938.50
Hinsdale	..	..
Huerfano	43	5,443.00
Jackson	1	208.50
Jefferson	32	6,304.00
Kiowa	137	25,872.00
Kit Carson	215	36,849.00
Lake	..	..
La Plata	108	11,762.64
Larimer	38	8,590.00
Las Animas	81	14,421.00
Lincoln	242	42,560.00
Logan	179	31,157.00
Mesa	170	19,700.80
Mineral	..	..
Moffat	47	4,498.85
Montezuma	173	22,146.35
Montrose	66	11,693.69
Morgan	128	25,475.00
Otero	34	6,557.00
Ouray	7	1,614.50
Park	3	250.00
Phillips	138	32,460.00
Pitkin	3	222.00
Prowers	173	30,917.00
Pueblo	164	36,438.00
Rio Blanco	21	2,431.00
Rio Grande	170	48,364.18
Routt	72	9,508.55
Saguache	111	28,371.50
San Juan	..	..
San Miguel	18	2,583.50
Sedgwick	212	51,866.00
Summit	..	..
Teller	11	1,230.00
Washington	179	34,072.00
Weld	341	72,389.00
Yuma	219	41,582.00
Total	5,411	\$996,241.73

RADIO DEVELOPMENT

Colorado had 12 radio broadcasting stations operating on May 1, 1932, under licenses issued by the federal radio commission, a decrease of one compared with the number on March 1, 1931, station KFUP, operated at the Fitzsimons hospital near Denver, hav-

ing been transferred to the United States army intercommunication system. A table giving a list of these stations, their locations, call signals, owners, power and frequency and time is published herewith.

In addition to the broadcasting stations there were in the state on May 1, 1932, 237 amateur stations operated under permits and nine radio stations other than broadcast and amateur. The latter includes an experimental broadcast station operated by the National Broadcasting company in connection with plans to construct a 50,000-watt transmitter station for which a permit has been granted; two aeronautical stations; two stations operated in connection with the Denver municipal water supply system for emergency purposes; a municipal police system in Denver, through which communication with cruising police automobiles is maintained; one United States army intercommunications station; a station operated at the state school of mines in connection with geophysical work; and one United States department of commerce airways station. A list of these stations, call signals, power, frequency and service is given in a separate table.

Preliminary figures of the bureau of the census shows that there were 69 radio and electrical retail shops doing business in the state in 1929, with net sales of \$967,903, and 47 radio and musical instruments retail establishments, which had net sales of \$3,109,264 in 1929, a total of \$4,077,167. These retail distribution figures do not include department stores and other establishments which handled radios and equipment as a part of numerous lines.

Wholesale distribution figures of the bureau of the census give 12 wholesale radio and radio equipment establishments in the state in 1929, these establishments having net sales in that year of \$4,138,213. These establishments had 137 employes, exclusive of proprietors, and salaries and wages paid amounted to \$268,467. Total expenses, including salaries and wages, were \$640,011. Stocks on hand at the end of 1929, at cost, amounted to \$428,761.

There were 267,324 families in Colorado in 1930 as reported by the census. Preliminary figures on the number of families having radio sets in that year showed a total of 101,376, or 37.8 per cent. 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 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 Having Radio Sets	Per Cent of County 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
Fremont	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
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

	Families Having Radio Sets	Per Cent of County Total
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 Having Radio Sets	Per Cent of 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

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 Electric & 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 con-

gress 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 operations of stations. The act was amended in 1928, author-

izing 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.

LICENSED BROADCASTING STATIONS IN COLORADO MAY 1, 1932

Location	Call Signal	Owner	Power (Watts)	Frequency in Kilocycles	Time
Colorado Springs	KVOR	Reynolds Radio Co.	1,000	1,270	Unlimited
Denver (Edgewater)*	KFEL	Eugene P. O'Fallon, Inc.	500	920	Shares with KFXF
Denver	KFXF	Colorado Radio Corp.	500	920	Shares with KFEL
Denver	KLZ	Reynolds Radio Co.	1,000	560	Unlimited
Denver	KOA	National Broadcasting Co.	†12,500	830	Unlimited
Denver (Westminster)*	KPOF	Pillar of Fire, Inc.	500	880	Shares with KFKA
Fort Morgan	KGEW	City of Fort Morgan	100	1,200	Shares with KGEK
Grand Junction	KFXJ	Western Slope Broadcasting Co.	100	1,310	Half time
Greeley	KFKA	Midwestern Radio Corp.	†1,000	880	Shares with KPOF
Pueblo	KGHF	Curtis P. Ritchie, et al.	§500	1,320	Unlimited
Trinidad	KGIW	Leonard E. Wilson	100	1,420	Unlimited
Yuma	KGEK	Beeler Electrical Equipment Co.	100	1,200	Shares with KGEW

*Transmitter location.

†Permit granted to construct a 50,000-watt station.

‡1,000 for day, 500 for night.

§500 for day, 250 for night.

Note.—Applications pending for 100-watt stations at Alamosa (Antonito) and Lamar.

RADIO STATIONS IN COLORADO OTHER THAN BROADCAST OR AMATEUR MAY 1, 1932

Location	Call Signal	Power (Watts)	Frequency in Kilocycles	Service
Denver	W9XA	12,500	830	Experimental broadcast
Denver	KGSP	150	278; 2,720; 3,072.5; 5,692.5;	
Denver	KGPX	150	6,530; 8,015	Aeronautical Police Water emergency Water emergency U. S. Army
Denver	KICX	50	2,412	
Eleven Mile Canon	KICL	50	3,190	
Fitzsimons Hospital	WTS	250	3,190	
Golden	W9XE	5	4,090; 8,180	Geophysical portable (School of Mines)
Pueblo	KGSR	150	1,604; 2,398	
Pueblo	KCAR	2,000	278; 2,720; 3,072.5; 5,692.5; 6,530; 8,015	Aeronautical U. S. Dept. of Commerce, Airways
Pueblo	KCAR	2,000	302; 3,410; 5,955	

AIRPORTS, AIRCRAFT, PILOTS AND ROUTES

There were 38 airports and landing fields in Colorado on January 1, 1932, as reported by the aeronautics branch of the United States department of commerce. This is an increase of 11 as compared with April 1, 1930. These include 17 municipal airports, eight commercial fields, five department of commerce intermediate landing fields, seven auxiliary fields which are not used regularly for aircraft operations, and one army field. The location and classification of the fields as of September 1, 1931, is as follows:

- Akron, American Legion airport, auxiliary.
- Alamosa, municipal.
- Buena Vista, municipal.
- *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.
- Delta, Delta airport, municipal.
- Denver, Curtiss field, commercial.
- †Denver, Denver airport, municipal. (Rating A1A.)
- †Denver, Lowry field, National Guard, army.
- Dolores, Dolores field; auxiliary.
- *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.
- Gunnison, Meekeer ranch field, auxiliary.
- Holly, Holly airport, municipal.
- Holyoke, Holyoke airport, municipal.
- La Junta, American Legion airport, auxiliary.
- Las Animas, Las Animas airport, municipal.
- Longmont, Blackwell airport, auxiliary.
- Monte Vista, Monte Vista airport, municipal.
- Montrose, Montrose airport, municipal.
- *Monument, intermediate.
- Otis, Otis airport, municipal.
- †Pueblo, Pueblo airport, municipal.
- Saguache, auxiliary.
- Salida, American Legion airport, commercial.
- Sterling, municipal.
- Trinidad, Holloway field.
- *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.

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, 1932	Mar. 30, 1931	1930
Aircraft:			
Licensed	44	50	52
Unlicensed	43	24	39
Total	87	74	91
Gliders			
	94	97	..
Pilots:			
Transport	62	56	52
Limited commercial	18	32	12
Private	63	59	47
Total	143	147	111
Mechanics			
	80	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 and mail. It operates on a daily schedule over a 577-airway-miles route and has a daily plane-mile schedule of 1,154.

Denver to Cheyenne, inaugurated August 1, 1931, carries mail, passengers and express. It operates on a daily schedule over a 96-airway-miles route and has a daily plane-mile schedule of 192.

Albuquerque to Pueblo, inaugurated

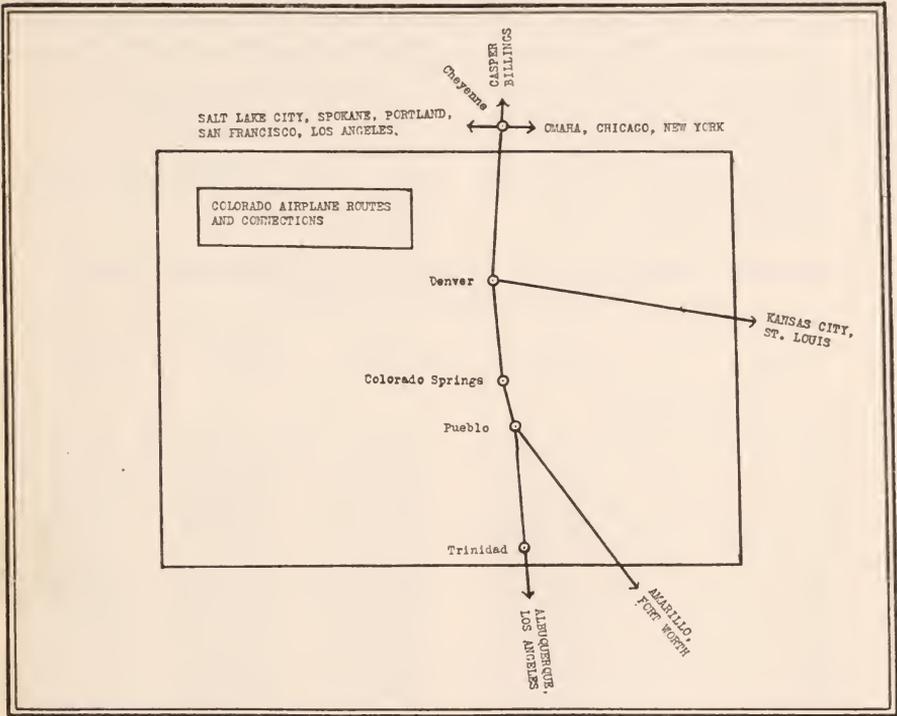
August 1, 1931, carries mail, passengers and expr.ss. It operates on a daily schedule over a 248-airway-miles route and has a daily plane-mile schedule of 496.

Amarillo to Pueblo, inaugurated August 1, 1931, carries mail, passengers and express. It operates on a daily schedule over a 261-airway-miles route

and has a daily plane-mile schedule of 522.

Denver to Billings, inaugurated April 16, 1931, carries passengers. It operates on a daily schedule over a 476-airway-miles route and has a daily plane-mile schedule of 952.

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 employes 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, 1931, a total of 276,892 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 73,203 claims, or 26.4 per cent, filed between August 15, 1915, and November 30, 1931. Of claims filed up to the end of 1930 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 employes coming under the compensation act. The state has its own compensation insurance fund for the protection of its employes 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 1931, inclusive, premiums paid by the employers to the various agencies aggregated \$27,730,077, and losses paid aggregated \$13,376,266. An accompanying table shows premium income and losses paid in Colorado by years.

WORKMEN'S COMPENSATION INSURANCE PREMIUMS AND LOSSES
(Reports of Industrial Commission)

Year	Stock Companies	Mutual Companies	State Fund	Yearly Totals
Net Premium Income:				
*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	192,323.45	1,159,844.70
1918.....	354,239.28	332,523.75	370,593.75	1,607,361.78
1919.....	818,782.86	313,432.55	267,612.12	1,399,827.53
1920.....	906,639.75	502,262.10	460,116.11	1,869,017.96
1921.....	931,622.93	416,087.25	364,009.52	1,711,719.70
1922.....	590,611.51	330,407.73	339,537.41	1,260,556.65
1923.....	665,509.93	402,663.69	404,562.16	1,472,735.78
1924.....	806,751.61	398,077.73	412,733.56	1,617,562.90
1925.....	1,033,794.56	351,428.79	554,868.86	1,940,092.21
1926.....	1,031,537.78	348,613.55	605,630.54	1,985,781.87
1927.....	1,001,375.17	357,852.64	880,400.39	2,239,628.20
1928.....	965,159.08	420,823.09	676,327.54	2,062,309.71
1929.....	1,092,230.06	434,515.26	720,568.78	2,247,314.10
1930.....	1,050,513.00	373,002.00	747,652.00	2,171,167.00
1931.....	877,422.00	302,816.00	697,955.00	1,878,193.00
Total.....	\$13,798,244.33	\$6,055,855.70	\$7,875,977.60	\$27,730,077.63
Net Losses Paid:				
*1915.....	\$ 1,738.02	\$ 2,637.46	\$ 2,563.65	\$ 6,939.13
1916.....	128,719.80	23,188.98	28,535.76	180,444.54
1917.....	191,556.57	58,546.16	42,497.24	292,599.97
1918.....	243,915.88	74,008.02	51,391.68	369,315.58
1919.....	294,156.65	98,135.51	86,546.79	478,838.95
1920.....	356,059.22	111,893.71	128,333.71	596,286.64
1921.....	389,800.87	130,440.08	168,340.20	688,581.15
1922.....	385,124.75	141,611.72	178,710.00	705,446.47
1923.....	499,806.15	134,095.21	201,169.98	835,071.34
1924.....	528,407.02	134,713.11	246,969.03	910,089.16
1925.....	567,364.78	139,083.34	279,972.80	986,420.92
1926.....	596,449.24	139,019.76	310,296.34	1,045,765.34
1927.....	596,618.80	149,883.31	372,349.08	1,118,851.19
1928.....	610,412.52	156,431.50	413,826.79	1,180,670.81
1929.....	618,767.28	180,333.88	484,386.67	1,282,487.83
1930.....	646,477.00	183,490.00	510,018.00	1,339,985.00
1931.....	620,509.00	187,744.00	549,219.00	1,357,472.00
Total.....	\$7,275,833.55	\$2,045,255.75	\$4,055,126.72	\$13,375,266.02

*August 1, 1915, to December 31, 1915.

ACCIDENTS AND CLAIMS, WORKMEN'S COMPENSATION

	1931	1930	1929	1928	1927	1926	1925	1924
Number of accidents-----	21,132	22,973	25,846	19,773	19,571	19,797	18,143	17,513
Number of all claims-----	4,502	5,150	5,467	5,312	5,751	5,584	5,807	5,660
Death claims-----	108	151	177	147	180	155	152	140
Non-fatal-----	4,394	4,999	5,290	5,165	5,571	5,429	5,655	5,520
Average weekly wage-----	\$24.66	\$26.10	\$25.12	\$24.93	\$25.49	\$23.63	\$25.02	\$25.32
Average weekly compensation---	\$11.00	\$11.56	\$11.08	\$10.79	\$10.77	\$10.63	\$10.74	\$10.83

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 218,910 visitors to the museum in 1931, 222,525 in 1930, 199,255 in 1929 and 246,698 in 1928. The record from 1912 to 1931, inclusive, shows an admission of 3,967,388 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 the new Denver municipal building and, as its name indicates, is devoted to the furthering of the arts. It is supported in part by the city and in part by private subscriptions through its membership. It has on exhibition the largest and most valuable art collection in the state and is open to the public. Chappell house, which sends out travelling exhibits and supplements the work of the museum, is conducted as a part of the organization. The last named maintains an excellent exhibit of Indian art.

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 cooperation 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.

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 1931 co-operative predatory animal control accounted for 3,113 coyotes, 162 bobcats, seven lynx, six mountain lions and 48 stock-killing bears.

In co-operative rodent control campaigns a total of 220,073 pounds of poisoned bait has been distributed. The poisoned baits were used in treating 609,000 acres for the control of prairie dogs, and 125,446 acres for the control of ground squirrels. More than 3,200 pounds of poisoned bait was placed for the control of rats, pocket gophers and jackrabbits.

COLORADO'S TOTAL WEALTH

The bureau of the census of the department of commerce undertakes at certain periods to estimate the wealth of the nation and of the states. The term "wealth" used in making these estimates applies to tangible property, regardless of whether it is in the physical possession or control of its owner. A farm, for instance, and not the mortgage upon it; a railroad, and not the bonds issued against it, or a

factory and its equipment, not the capital stock outstanding, constitute wealth. Mortgages, bonds, stocks, notes and money merely are the evidences of ownership. Wheat, for example, may represent a part of the wealth of a Colorado farm, although the owner of the farm may reside in another state. It is possible for one to have wealth and own no property. A burglar, having stolen goods in his possession, may be in possession of wealth, but from a legal standpoint he has no property. The difficulties of wealth measurement are recognized by the census bureau in preparing its estimates.

The last estimate of the nation's total wealth made by the census bureau was for the year 1922. The next estimate will be made for 1932. The estimated value of all property in Colorado in 1922, as reported by the bureau of the census, was \$3,229,412,000. This estimate was distributed 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. Taxable and non-taxable

property are discussed elsewhere in this volume under that title. The figures on taxed property used therein are based on the valuation established for taxation purposes and are not comparable with estimates of total wealth, since the latter are on tangible property adjusted to actual value.

The National Industrial Conference Board, Inc., which is affiliated with numerous industrial organizations and which co-operates with the bureau of the census, compiles estimates of total wealth for years in which no census is taken. The total wealth of Colorado, by years, as estimated by these agencies, is as follows:

1890 (Census).....	\$1,145,712,000
1900 (Census).....	938,171,000
1904 (Census).....	1,207,542,000
1912 (Census).....	2,315,310,000
1920 (N. I. C. B.).....	5,182,000,000
1921 (N. I. C. B.).....	3,269,000,000
1922 (Census).....	3,229,412,000
1925 (N. I. C. B.).....	3,521,000,000
1926 (N. I. C. B.).....	3,478,000,000
1927 (N. I. C. B.).....	3,405,000,000
1928 (N. I. C. B.).....	3,505,000,000
1929 (N. I. C. B.).....	3,516,000,000
1930 (N. I. C. B.).....	3,286,000,000

The per capita wealth of Colorado, for the years named, is estimated as follows:

1890 (Census)	\$2,780
1900 (Census)	1,738
1904 (Census)	2,046
1912 (Census)	2,702
1922 (Census)	3,285
1928 (N. I. C. B.)	3,216
1929 (N. I. C. B.)	3,418
1930 (N. I. C. B.)	3,165

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.

A table is published herewith showing the estimated value of all property in Colorado in 1922, 1912, 1904 and 1900, as reported by the census.

ESTIMATED VALUE OF ALL PROPERTY IN COLORADO, BY YEARS
(Compiled from Census Reports)

	1922	1912	1904	1900
Taxed real property..	\$1,388,818,000	\$1,123,067,000	\$ 530,893,000	\$ 402,784,000
Exempt property ...	369,628,000	100,445,000	106,770,000	102,909,000
Livestock	100,664,000	88,059,000	57,363,000	52,019,000
Farm implements and machinery	35,059,000	14,401,000	5,353,000	4,747,000
Manufacturing machinery, tools and implements	86,808,000	91,354,000	44,521,000	21,495,000
Railroads and their equipment	364,963,000	297,625,000	198,261,000	146,784,000
All other*	883,472,000	600,359,000	264,381,000	207,433,000
Total, all wealth... 	\$3,229,412,000	\$2,315,310,000	\$1,207,542,000	\$ 938,171,000

*All other includes motor vehicles, street railways, water works, agricultural products, manufactured products, imported merchandise, mining products, clothing, personal adornments, furniture, etc.

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.

In 1931 the society made an archaeological survey of the Paradox valley in Montrose county and found ruins of Pueblos similar to those further to the south, but no discoveries of outstanding importance resulted. 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 Gottingen, 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 22 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 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."

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 organiza-

tion 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 1931 lists 35 hospitals in the state, of which 32 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 35 hospitals approved in 1931 had a capacity of 7,318, including cribs and bassinets for the new-born. This compares with 7,025 beds in 1930,

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, 1931

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--	Cragmor Sanatorium-----	150	Private Owners.
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-----	154	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-----	1,832	U. S. Army.
Denver-----	Mercy -----	190	Sisters of Mercy.
Denver-----	National Jewish-----	270	Board of Managers.
Denver-----	Porter Sanitarium and hospital-----	62	Seventh Day Adventists.
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-----	249	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-----	638	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 Employes' 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.

NATIONAL AND STATE COMMITTEES

The Colorado members of the Democratic national committee are Raymond Miller of Denver and Mrs. B. C. Hilliard, Jr., of Denver. The chairman of the Democratic state committee is James A. Marsh of Denver, and Walter F. Scherer, Denver, is secretary.

The Colorado members of the Republican national committee are Lawrence C. Phipps, Denver, and Mrs. John E. Hillman, Delta. The chairman of the Republican state committee is Jesse F. McDonald of Leadville. E. C. Abbey, Grover, is secretary.

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
1931.....	19	9,127,502

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	1931	1930	1929	1928	1927
Boulder	\$ 136,135	\$ 271,684	\$ 216,510	\$ 326,475	\$ 416,930
Colorado Springs..	387,963	926,322	1,030,026	812,495	577,398
Denver	7,127,400	8,007,100	16,633,300	15,958,400	15,902,650
Durango	72,756	139,718	162,352	282,249	205,305
Eads .....	.....	14,600	15,000	2,000	3,000
Eaton	1,450	3,050	12,900	121,530	90,000
Englewood	70,640	189,670	148,097	169,428	200,000
Fort Collins.....	182,810	256,297	276,578	333,866	223,292
Fort Morgan	82,315	102,973	199,965	.....	.....
Grand Junction...	146,928	127,575	316,938	236,145	204,950
Greeley	164,155	295,360	453,527	624,919	644,395
Lafayette	16,170	8,800	1,500	2,750	1,500
La Junta.....	8,000	60,000	1,040	60,000	200,000
Littleton	26,000	21,710	30,000	35,000	10,000
Longmont	48,610	104,730	127,515	115,000	105,000
Manitou	37,291	28,052	25,295	21,225	23,700
Platteville	7,500	1,050	23,869	7,000	3,000
Pueblo	453,423	537,205	1,572,521	1,468,012	1,625,382
Sterling	56,956	439,645	123,705	402,180	146,200
Trinidad	101,000	172,250	205,000	255,834	42,000
Totals.....	\$9,127,502	\$11,707,791	\$21,575,638	\$21,234,508	\$20,624,702

COLORADO PRODUCTION OF ELECTRICITY FOR PUBLIC USE
(Compiled by Division of Power Resources, U. S. Geological Survey)

	1931	1930	1929
Production (kilowatt-hours):			
Water power.....	189,706,000	235,843,000	230,423,000
Fuel power.....	339,111,000	337,498,000	333,390,000
Total power.....	528,817,000	573,341,000	563,813,000
Consumption of fuel:			
Coal (short tons).....	399,602	419,295	420,093
Oil (barrels).....	16,076	8,574	6,328
Natural gas (cu. ft.).....	149,759,000	.....	.....
Number companies operating January 1..	29	31	29
Number plants operated January 1.....	67	64	61
Generator capacity (kilowatt-hours).....	228,643	224,516	222,127

Note—Additional information on this subject will be found in chapter "Water Power Resources."

EXPORTS FROM COLORADO

Exports from Colorado, merchandise shipped from this state to foreign countries, amounted to \$2,841,000 in the calendar year of 1931, according to a special survey made by the Denver office of the bureau of foreign and domestic commerce in co-operation with local exporters. This figure is preliminary and compares with \$5,140,046 in 1930 and \$4,600,984 in 1929.

There are two sources of statistics indicating the volume of products exported from Colorado. The first set of statistics is based upon original figures given by shippers in the United States official export declaration. This source takes care of only those shipments which are forwarded on through export bills of lading and does not provide a completely accurate index of the exact volume of export shipments from the state. Firms located in the interior states such as Colorado often sell their products to or through export commission houses, export sales agents and foreign purchasing agents, usually located at seaboard points. These business houses located on the coast file their own shippers' export declaration, failing to note the actual point of origin of the merchandise. This procedure makes it necessary for customs officials to credit customs districts where such shipments leave the country, therefore direct shipments from Colorado on through bills of lading are practically the only ones credited to the state.

The value of exports shipped from Colorado on through bills of lading for which the state is given credit in this manner are, by years, as follows:

1927	\$3,394,095
1928	3,419,934
1929	4,001,887
1930	3,238,588
1931	2,012,659

The second source of statistics, those compiled by the Denver office of the bureau of domestic and foreign commerce in co-operation with local exporters, which comprise exports made from Colorado regardless of whether they are shipped on through bills of lading or in connection with agencies located at the seaboard, are more representative of export activities of Colorado firms. This co-operative survey has been made each year, beginning with 1929, and reveals the following statistics for the state for calendar years:

1929	\$4,600,984
1930	5,140,046
1931	*2,841,000

*1931 figures are preliminary.

The bulk of the Colorado exports consists of mining equipment. The depression has especially affected the world's mineral industry and this has accounted for the temporary falling off of the volume of exports from this state. However, it is expected that with the revival of world business and especially renewed activity in the mineral industry, the exports from Colorado will again resume their upward march.

The world must look to Denver for some years to come as a source of machinery for the mining of complex ores. It was in Colorado that the mining engineers first successfully met the many problems in the extraction of metals from these difficult ores.

In order to do this special mining and metallurgical machinery was developed. The manufacturing of this equipment has largely remained in Denver due to the fact that over a period of years trained engineers, designers and workmen have been developed and for these reasons it is expected that the exports of mining machinery from Colorado will account for the bulk of all exports from this state for some years to come.

There is a wide variety of other products exported from Colorado, which include automobile tires and accessories, signs, dance floor wax, canvas water bags, beans, potatoes, medicines, incubators, paint, glass, explosives, mountain seeds, radio parts, school supplies, rock drills, fire bricks, steel wire, nails, and innumerable other articles.

Canada and Mexico for a number of years have been the best customers of Colorado exporters. However, Colorado exports go to practically every country of the world; one firm ships to 102 political divisions.

LUMBER, TIMBER AND PLANING MILL INDUSTRIES

Colorado has immense quantities of merchantable timber, from which there is produced in the state annually \$4,000,000 worth of lumber and timber and planing mill products. There were 147 mills active in the state in 1930, including logging camps, saw mills and planing mills, as reported by the bureau of the census in co-operation with the forest service and the department of agriculture. The output of sawed lumber for that year was 54,688,000 board feet, a decrease from several preceding years, due to some of the larger mills being inactive part of the time. The

maximum output was established in 1926, with a production of 75,278,000 board feet, and the minimum output since 1922 was 38,233,000 board feet in 1923. These mills produce rough lumber, lath, shingles, railroad ties and other unfinished products. The following table shows the number of active mills and quantity of lumber sawed by years:

Year	No. of Active Mills	Quantity Lumber Sawed (board ft.)
1922	128	38,917,000
1923	113	38,233,000
1924	122	42,014,000
1925	145	71,069,000
1926	128	75,278,000
1927	116	67,321,000
1928	140	72,257,000
1929	134	71,535,000
1930	147	54,688,000

Most of the lumber produced in the state is softwood, the only hardwood being cottonwood. Of the 54,688,000 board feet sawed in 1930 only 124,000 board feet was hardwood. The kind of wood and the quantity of each produced in 1930, 1928 and 1926 are given in the following table:

Kind	Quantity M Ft. B. M.		
	1930	1928	1926
Cedar			1
Douglas fir	6,878	4,157	2,895
Lodgepole pine	15,426	9,875	9,740
Spruce	11,210	9,814	10,529
Western yellow pine	20,070	47,038	51,022
White fir	980	1,316	767
Cottonwood	124	57	324
Total	54,688	72,257	75,278

Colorado ranked first among the states of the Union in 1930 in the production of lodgepole pine, its output being 15,426,000 feet, or 50.7 per cent of the output of 30,411,000 feet for the entire country. This timber is used extensively in the construction of telephone and telegraph lines and other industries where tall, strong and uniformly shaped timber is required. The state ranked eighth in 1930 among the states in the production of spruce.

A considerable part of the timber cut in Colorado comes from the national forests, the annual output being 50,000,000 to 70,000,000 board feet. The national forest service estimates standing timber of all species in these reserves at 31,918,969,000 board feet. Additional information on this subject will be found in the chapter on "National Forests."

Of the 147 mills active in 1930 nine were in class 3, those sawing between 1,000,000 and 4,000,000 board feet; 35 in class 2, sawing between 500,000 and 999,000 board feet; and 103 were in

class 1, those sawing between 50,000 and 499,000 board feet.

Most of the rough lumber sawed is used for remanufacture purposes. In the summary of the lumber and timber industry as reported in the census on manufactures, logging mills are not included in the number of establishments. This summary for 1929 and 1919, which includes saw mills and planing mills operated in conjunction with them, but not independent planing mills, is as follows:

	1929	1919
Number of establishments	61	136
Salaried officers and employes	77	84
Aver. number wage earners	1,219	822
Salaries	\$136,615	\$117,845
Wages	\$1,455,939	\$1,053,332
Value of products	\$2,278,660	\$2,450,731
Value added by manufacture	\$1,932,497	\$1,772,173

The independent planing mills are those which are not operated in conjunction with saw mills and which produce dressed lumber, doors, sash, blinds, interior woodwork and molding. A summary of same for the census years 1929 and 1919 for Colorado is as follows:

	1929	1919
Number of establishments	29	41
Salaried officers and employes	62	54
Aver. number wage earners	312	411
Salaries	\$146,692	\$81,827
Wages	\$479,135	\$512,061
Value of products	\$1,507,322	\$1,572,132
Value added by manufacture	\$939,218	\$819,035

Included in the industry were five establishments in 1929 engaged in the manufacture of wooden boxes, etc., which employed 103 officials and wage earners, paid \$100,654 in salaries and wages, and produced products valued at \$439,578.

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 mountain 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	.....	51,123.37
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
1930	.....	165,332.21
1931	.....	168,337.67
Total	.....	\$2,228,823.24

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 Hildalgo 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.

MARRIAGES AND DIVORCES IN COLORADO BY YEARS
(From the Bureau of Census Reports)

	Marriages		Divorces	
	United States	Colorado	United States	Colorado
Number reported:				
1916.....	1,040,684	9,071	112,036	1,061
1922.....	1,134,151	11,456	148,815	2,075
1923.....	1,229,784	12,077	165,096	2,278
1924.....	1,184,574	11,972	170,952	2,118
1925.....	1,188,334	11,602	175,449	2,243
1926.....	1,202,574	11,957	180,853	2,288
1927.....	1,201,053	11,969	192,037	2,370
1928.....	1,182,497	12,065	195,939	2,362
1929.....	1,232,559	13,047	201,468	2,392
1930.....	1,128,280	11,733	191,591	2,245
Increase (number):				
1922 over 1916.....	52,789	2,287	34,980	1,005
1923 over 1922.....	35,633	621	16,281	203
1924 over 1923.....	-45,210	-105	5,856	-160
1925 over 1924.....	3,760	-370	4,497	125
1926 over 1925.....	14,240	355	5,404	45
1927 over 1926.....	-1,521	12	11,184	92
1928 over 1927.....	-18,556	96	3,902	-8
1929 over 1928.....	50,062	982	5,529	30
1930 over 1929.....	-104,279	-1,314	-9,877	-147
Per cent increase:				
1922 over 1916.....	5.1	25.2	31.2	94.7
1923 over 1922.....	8.4	5.4	10.9	12.2
1924 over 1923.....	-3.7	-0.9	3.6	-7.0
1925 over 1924.....	0.3	-3.1	2.6	5.9
1926 over 1925.....	1.2	3.1	3.1	2.0
1927 over 1926.....	-0.1	0.1	6.2	3.6
1928 over 1927.....	-1.5	0.8	2.0	-0.3
1929 over 1928.....	4.2	8.1	2.8	1.3
1930 over 1929.....	-8.5	-10.1	-4.9	-6.1
Number per 1,000 population:				
1916.....	10.68	....	1.13	1.22
1922.....	10.32	11.65	1.35	2.11
1923.....	11.03	12.06	1.48	2.28
1924.....	10.46	11.70	1.51	2.07
1925.....	10.35	11.70	1.53	2.26
1926.....	10.32	11.95	1.55	2.29
1927.....	10.16	11.85	1.62	2.35
1928.....	9.87	11.84	1.63	2.32
1929.....	10.14	12.68	1.66	2.33
1930.....	9.16	11.30	1.56	2.16

Minus sign denotes decrease.

Note—Rates of marriages and divorces for recent years have been revised to conform to the 1930 census.

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 struc-

ture 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	
east and west.....	199 feet
Diameter of circular	
corridor beneath dome	42 feet
Number of rooms.....	160

The cornerstone contains a copy of the Bible, an American flag, constitutions of Colorado and the United States, the Declaration of Independence, census reports, numerous documents and public addresses of officials, a number of souvenirs, copies of the newspapers of that day and gold and silver coins of all denominations.

In 1915 a quarter-block south of the capitol and across East Fourteenth avenue was purchased and the state museum building was constructed upon it at a cost of \$480,000. The structure was built of granite and marble, and houses a museum of archaeological and mineral exhibits and relics of wars.

In 1919 a quarter-block north of the capitol and across Colfax avenue was purchased, and upon the site was constructed the state office building, 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.

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.

BOARDS GOVERNING STATE INSTITUTIONS

Regents, Colorado University, Boulder (3)—Martin D. Currigan, E. R. Campbell and Clifford W. Mills, Denver; Frank H. Means, Saguache; Mrs. Jos. D. Grigsby, Pueblo; Charles D. Bromley, Fort Morgan. 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.

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)—The Governor†; 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. Roy Best (*-6), acting warden penitentiary; R. L. Shaw (*-6), warden reformatory; F. H. Zimmerman (*-6), 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)—Sterling B. Lacy, Denver; Miss Lila O'Boyle and Oscar L. Chapman, Denver. B. T. Poxson (*-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. Lella B. Chamberlin, Denver. Miss Anna L. Cooley (*-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; Alba J. Rawson, 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, 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)—The Governor of Colorado†; F. L. Birney, Geo. T. Bradley, W. H. Gates, Denver; C. B. Noxon, Englewood. James Merrick (*-6), superintendent of buildings.

Military Board (†-4)—The Governor of Colorado; 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. M. Stimpson, McClave; 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)—The Governor of Colorado†; 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. Collbran (*-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; Mrs. Lucy F. Hall, Denver.

Gas Conservation Commission (1-4)—S. H. Keoughan, H. C. Bretschneider, the state oil inspector†; one vacancy.

Highway Advisory Board (1-3)—The Governor of Colorado†; 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; I. Floyd Beauchamp, Trinidad; C. D. Vail†, highway engineer (*-6).

Uniform Laws Commission (2-3)—Allen Moore, 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, George H. Williamson, 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 Lewis†; I. E. Stutsman, Greeley; H. M. Corning, Colorado Springs; J. F. Keating, Pueblo; S. M. Andrews, Walsenburg; Allie V. Richmond, Las Animas; E. N. Freeman, Wheatridge; Estelle Bogess and W. H. Smiley, Denver. Appointed by the state board of education.

Coal Mine Inspection (5)—F. W. Whiteside, Denver; R. N. Moore, Coal-mont; 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, Dorothy Conrad, 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. E. B. Sverdfeger, 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. Haefell, 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; John Scavarda, Canon City; Dr. S. R. McKelvey†.

Engineers and Land Surveyors (1-3-5)—M. C. Hinderlider†; 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; B. B. Harding, Denver. A. J. Morley (*-6), chief clerk.

Abstracters (1-3-5)—Roger M. Chandler, Hugo; 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 Cochran*, 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 James P. McInroy, 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)—The Governor†, the Superintendent of Public Instruction† and the Attorney General†; 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)—The Superintendent of Public Instruction, the Secretary of State and the Attorney General.

Board of Equalization and Auditing Board (†-4)—Composed of the governor, secretary of state, auditor, treasurer and attorney general. John E. Davidson (*-6), secretary.

State Historical Society of Colorado (4)—The Governor†, Ernest Morris, Theron R. Field, Dr. J. N. Hall, Lawrence Lewis, Henry Swan, Henry A. Dubbs, Frank E. Gove, Caldwell Martin, Edward B. Morgan, Denver. Members elected by the society.

Child Welfare Bureau—R. J. Walters, Miss Emily Griffith, Denver; J. D. Hellman, Greeley; Mrs. Charles A. Lory, Fort Collins; Mrs. Frederick Haver, Boone. Miss Marie Wickert (*-6), executive secretary. Three members appointed by the governor and two by the superintendent of public instruction.

Board of Hail Insurance—A. O. Johnson, La Jara; 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.

* Indicates salaried executive of department.

† Indicates member ex-officio.

HOTELS IN COLORADO

There were 354 hotels operating in Colorado in 1929 as reported by the

bureau of the census. Of these 37 were owned by corporations and 317 by individuals and partnerships. The distribution as to plan of operation is as follows:

European plan.....	313
American plan.....	20
Mixed plan.....	21
Total	354

The total number of guest rooms reported by the 354 establishments was 20,651, distributed as follows:

European plan.....	17,769
American plan.....	1,242
Mixed plan.....	1,640
Total	20,651

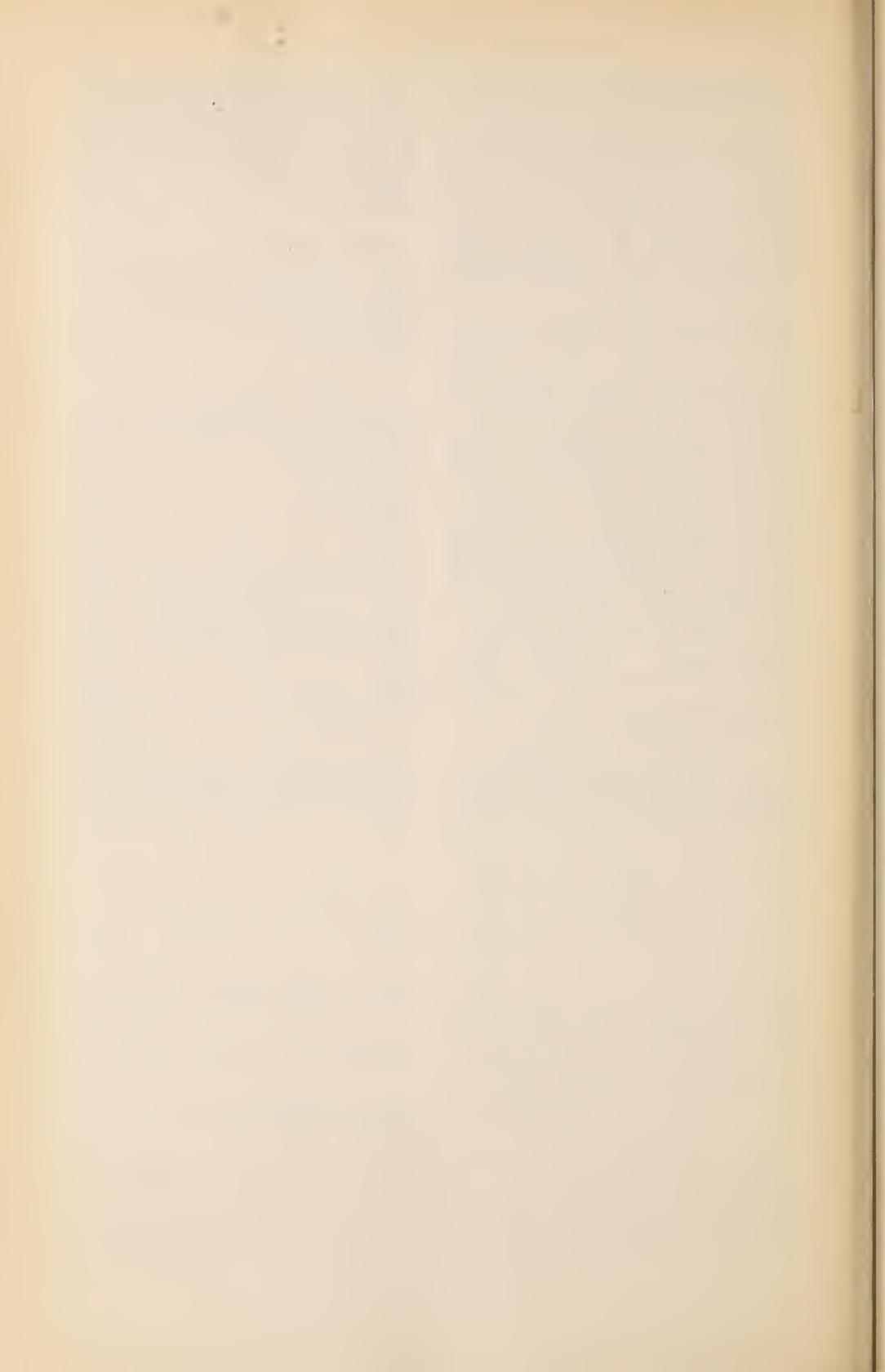
The 354 establishments had a seating capacity at one time in their dining rooms for 7,867 persons, distributed as follows:

European plan.....	3,352
American plan.....	2,119
Mixed plan.....	2,396
Total	7,867

The average number of employes was 3,389, of whom 1,827 were male and 1,562 were female. Salaries and wages aggregated \$2,555,000. Total receipts from all sources were \$10,689,000, distributed as follows:

Rooms	\$5,619,000
Meals	1,655,000
Rooms and meals.....	2,478,000
Other sources	937,000
Total	\$10,689,000

There were 437 proprietors and firm members engaged in the business, of whom 237 were males and 200 females.



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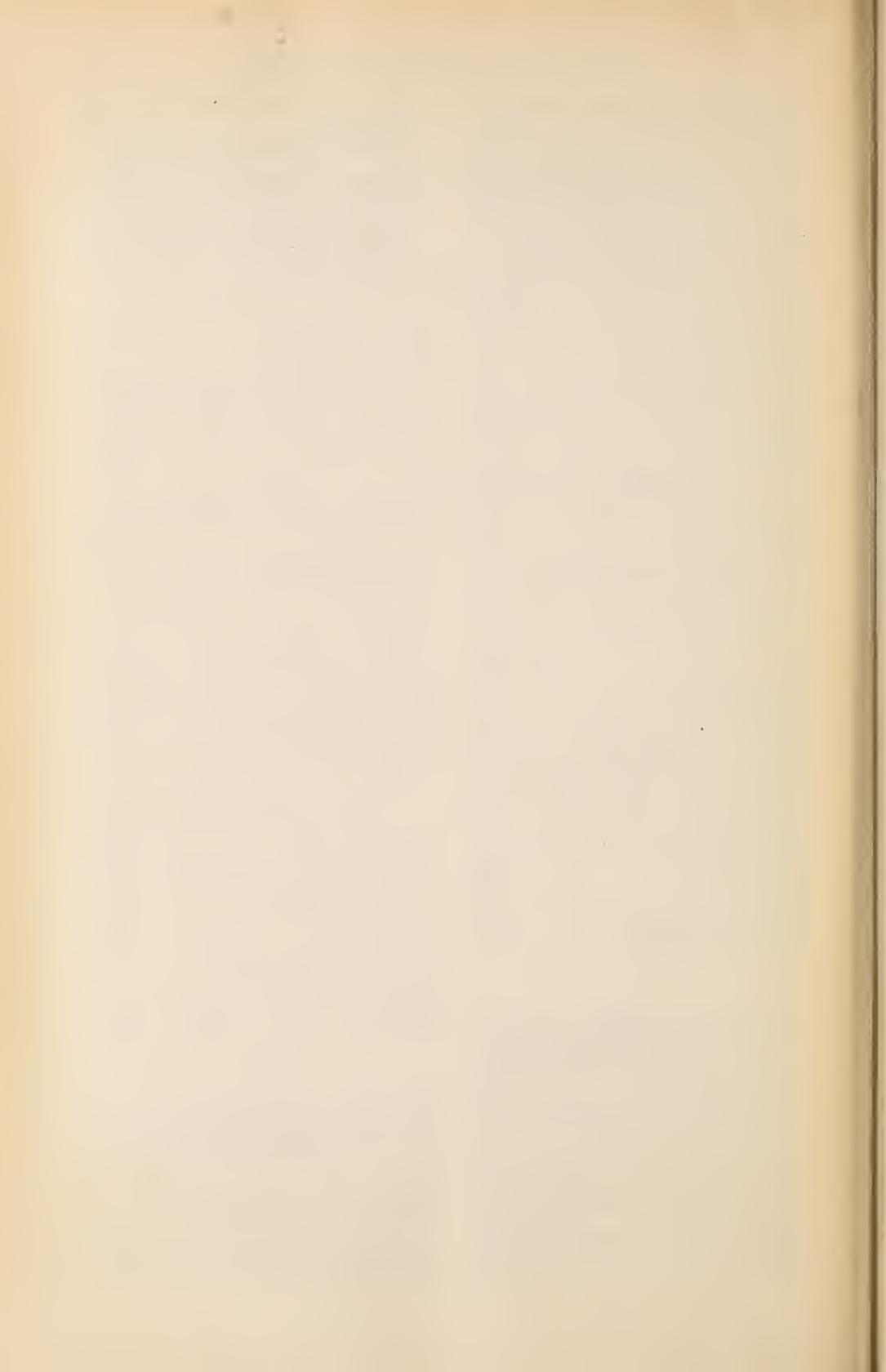
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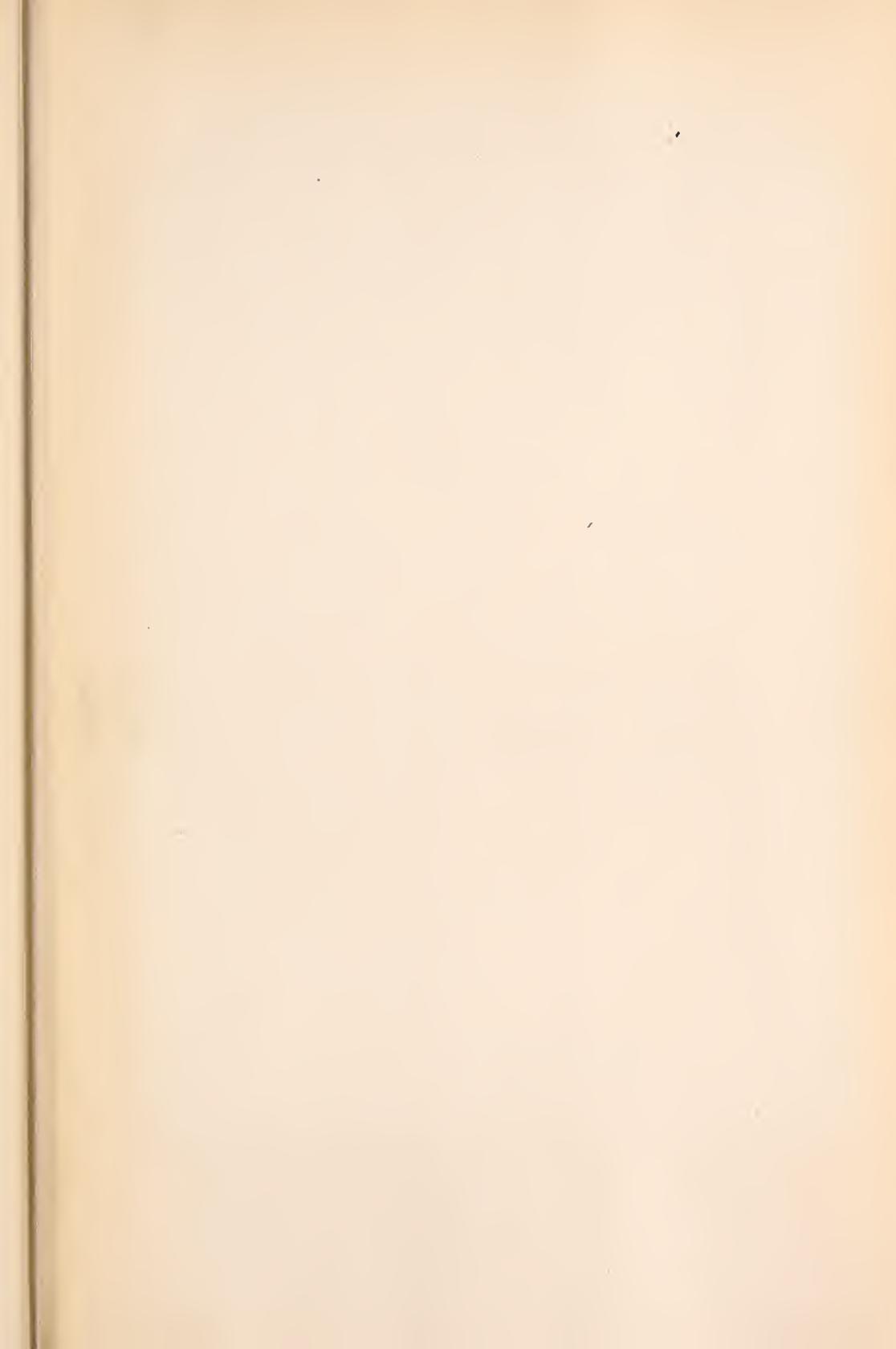
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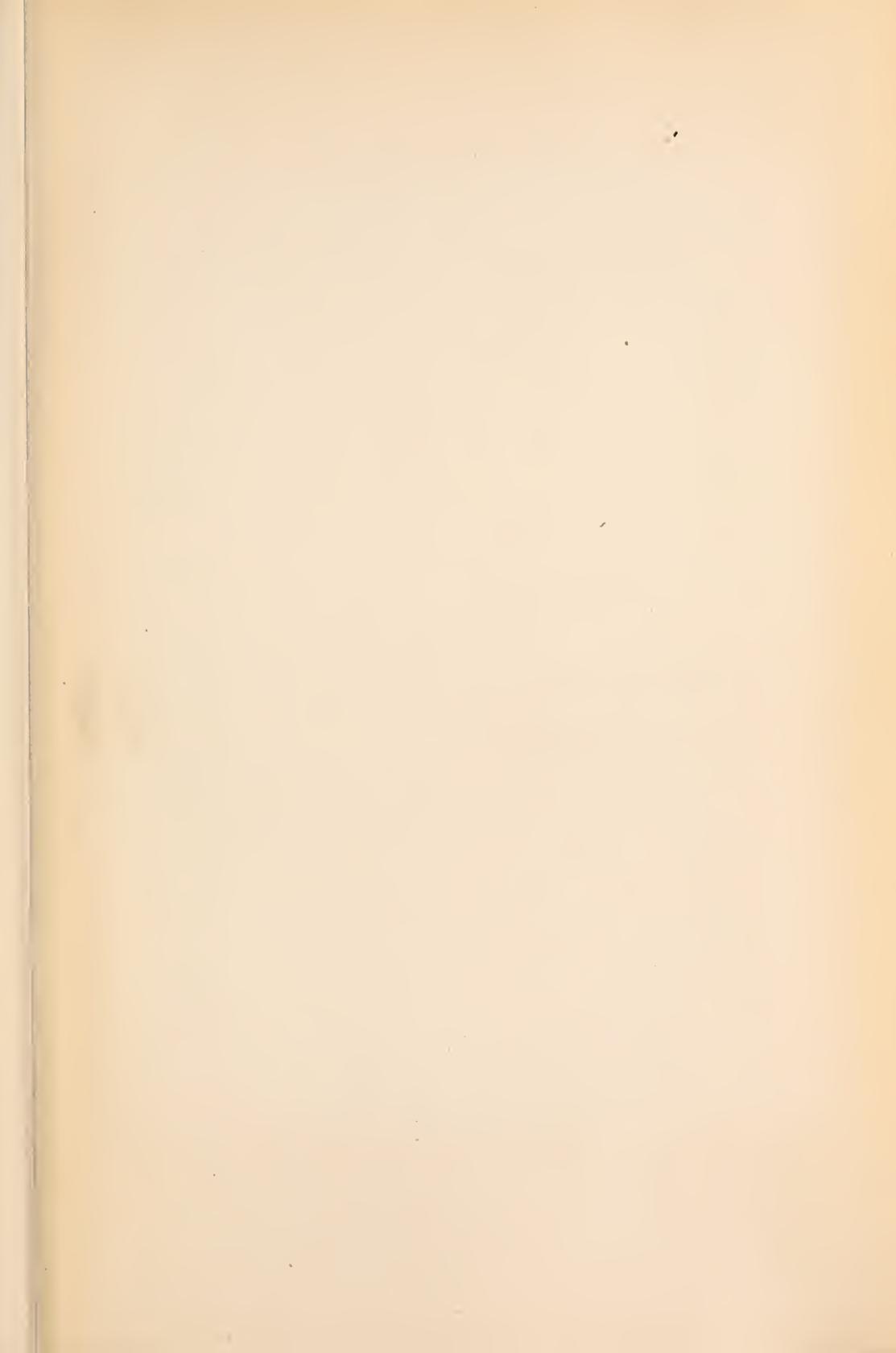
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GAZETTEER OF CITIES AND TOWNS OF COLORADO, 1932

TOWN OR CITY	Date Incorporated	County	Altitude	Population Jan. 1, 1930 U.S. Census	Assessed Valuation	Municipal Tax Levy Per \$100	Revenue	Increase Incorporated	Mayor	Clerk	Total Outstanding Bonds January 1, 1932		Bonds Per Capita	Bonds % Assessed Valuation	Water Works (Municipal or Private)	Electric Light (Municipal or Private)	Sanitary Sewers	Bank Deposits	TOWN OR CITY
											General Obligation	Special Improvements							
Agulter	1-10-1894	Wash. Co.	4,740	1,333	\$ 356,423	19.00	\$ 10,873.00	320	T. E. Harbison	Mrs. Marie Hughes	175,000	\$ 9,000	3.40%	18.90	M	P	No	10,000	Agulter
Alamosa	8-22-1881	Alamosa	4,800	1,135	1,914,926	10.80	9,875.40	640	F. W. W. Galloway	D. H. Shaw	37,500	37,500	11.23%	11.24	M	P	No	308,000.00	Alamosa
Alma	1-10-1892	Alma	10,100	1,100	2,943,104	12.50	26,780.53	640	Everett Cook	Richard Davis	209,000	194,800	19.36%	12.84	M	P	Yes	12,022.50	Alma
Animas City	12-24-1881	Animas	5,500	457	183,130	17.00	2,651.21	240	W. H. Thompson	Catherine C. Connor	18,000	24.43	0.24%	9.24	M	P	No	77.410	Animas City
Antonito	11-29-1879	El Paso	2,389	332	448,915	15.00	7,141.17	240	Lute Beld	W. D. Carroll	19,000	104.41	19.96%	11.96	M	P	No	1,000.00	Antonito
Arriba	8-29-1913	Jefferson	1,100	126	87,156	12.50	11,441.19	120	Wm. J. Bennett	Mrs. Mabel Ladd	65,000	47,200	81.37%	11.82	M	P	No	296,125.15	Arriba
Arcadia	3-25-1886	Jefferson	2,000	200	100,000	12.00	12,000.00	250	F. D. Willoughby	H. R. Mehl	75,000	107,000	142.67%	8.19	M	P	Yes	150,000.00	Arcadia
Aspen	4-11-1881	Weld	4,740	737	291,100	15.80	15,800.00	250	A. A. Van Dine	H. H. Emanuel	247,500	192,500	191.72%	11.19	M	P	Yes	137,388.92	Aspen
Aurora	4-15-1903	Adams-Arapahoe	5,400	1,895	1,356,140	15.00	22,391.02	640	A. V. Hota	Erlie J. Bureman	6,000	6,000	8.33%	11.90	M	P	No	148,000.00	Aurora
Bayfield	1-18-1906	La Plata	4,000	117	50,913	4.40	2,240.02	320	S. E. Burns	O'Neil B. Vanhusen	15,500	20,000	65.96%	11.93	M	P	No	1,200.00	Bayfield
Beardslee	3-22-1910	Adams	5,140	811	2,000,000	14.00	2,126.74	140	E. R. Stepp	Margie Williams	32,000	64,112	71.30%	11.30	M	P	Yes	61,210.49	Beardslee
Bellevue	1-18-1882	Larimer	1,000	252	286,705	10.80	2,812.26	1,800	Walter Baird	W. H. Evans	6,000	6,000	6.67%	11.30	M	P	No	1,714.41	Bellevue
Belton	8-10-1926	Kitt Carson	1,023	262	286,705	10.80	2,812.26	1,800	Walter Baird	W. H. Evans	6,000	6,000	6.67%	11.30	M	P	No	1,714.41	Belton
Blackhawk	7-13-1910	Costilla	2,870	262	286,705	10.80	2,812.26	1,800	Walter Baird	W. H. Evans	6,000	6,000	6.67%	11.30	M	P	No	1,714.41	Blackhawk
Bonanza	1-13-1881	Saguache	1,320	11,223	13,341,560	10.70	185,245.00	640	Thos. E. Cook	J. C. Clark	673,000	202,100	29.73%	8.49	M	P	No	603,243.73	Bonanza
Boulder	3-26-1823	Las Animas	3,000	387	337,473	20.00	24,956.56	300	W. S. Bailey	Marye Graham	42,000	117,222	35.75%	11.32	M	P	No	1,000.00	Boulder
Breckenridge	3-2-1880	Summit	4,972	3,394	2,370,200	14.00	4,358.32	672	Thos. C. Colman	John C. Goodier	120,000	107,000	75.72%	11.32	M	P	Yes	194,133.79	Breckenridge
Brush	11-24-1884	Morgan	4,240	3,242	1,610,144	16.00	27,762.30	620	Thourman Anthony	A. C. Harness	214,000	157,000	162.63%	23.35	M	P	Yes	167,000.00	Brush
Buena Vista	11-1-1919	Chaffee	1,150	1,240	1,034,063	15.00	17,513.11	250	Chris Handorf	George H. Banta	161,000	43,200	191.43%	21.43	M	P	Yes	62,715.24	Buena Vista
Canon City	6-10-1919	El Paso	6,001	399	307,770	14.00	3,070.78	200	Frank C. Willis	C. M. Surber	31,000	77.69	10.07%	10.07	M	P	No	1,000.00	Canon City
Canon City	6-10-1919	El Paso	6,001	399	307,770	14.00	3,070.78	200	Frank C. Willis	C. M. Surber	31,000	77.69	10.07%	10.07	M	P	No	1,000.00	Canon City
Carbondale	4-27-1888	Garfield	6,000	478	411,770	20.00	29,954.54	1,520	Guy James	Both S. Dunson	478,500	211,000	110.56%	12.63	M	P	Yes	138,527.10	Carbondale
Castle Rock	6-13-1912	Douglas	6,000	478	411,770	20.00	29,954.54	1,520	Guy James	Both S. Dunson	478,500	211,000	110.56%	12.63	M	P	Yes	138,527.10	Castle Rock
Centennial	6-13-1912	Delta	1,441	1,011	290,765	12.50	3,620.58	640	Harold A. Benford	S. S. Priddy	67,500	27,000	19.70%	13.78	M	P	No	115,449.64	Centennial
Central City	6-12-1828	Neuache	3,860	672	374,059	26.00	9,741.54	600	Holt Wilkinson	J. M. Thomas	75,000	131,899	202.46%	9.32	M	P	Yes	216,004.25	Central City
Cheraw	4-9-1917	Otero	1,282	696	124,142	13.20	1,698.69	60	Dr. Orville Pitney	Howard E. Ward	15,500	20,000	129.03%	14.06	M	P	No	8,248.91	Cheraw
Cherry Creek	8-11-1881	Fremont	3,300	445	177,821	21.30	3,706.23	240	Frank Madison	A. L. Morganstein	4,500	24,232	5.41%	11.31	M	P	No	1,000.00	Cherry Creek
Colorado Springs	7-23-1908	Mesa	5,900	32,222	39,122,000	13.50	2,108.58	60	H. Grady Pugh	J. D. McNeill	3,016,000	3,260,000	100.62%	4.38	M&P	M	Yes	146,106.90	Colorado Springs
Colorado Springs	7-23-1908	Mesa	5,900	32,222	39,122,000	13.50	2,108.58	60	H. Grady Pugh	J. D. McNeill	3,016,000	3,260,000	100.62%	4.38	M&P	M	Yes	146,106.90	Colorado Springs
Craig	7-10-1908	Montezuma	6,198	921	511,930	15.00	5,118.30	160	James O'Neill	Mrs. Tom Donnan	74,000	14,000	18.78%	16.21	M	P	Yes	17,500.00	Craig
Crawford	5-19-1892	Montezuma	6,198	921	511,930	15.00	5,118.30	160	James O'Neill	Mrs. Tom Donnan	74,000	14,000	18.78%	16.21	M	P	Yes	17,500.00	Crawford
Crested Butte	7-10-1908	Montezuma	6,198	921	511,930	15.00	5,118.30	160	James O'Neill	Mrs. Tom Donnan	74,000	14,000	18.78%	16.21	M	P	Yes	17,500.00	Crested Butte
Cripple Creek	6-18-1892	Teller	9,215	1,428	431,450	23.00	27,838.97	430	C. W. Seaford	J. C. Mitchell	74,000	64,442	18.68%	19.01	M	P	Yes	1,542,530.86	Cripple Creek
Crowley	9-21-1918	Logan	4,278	323	229,165	14.25	2,991.23	142	John Krieger	Chas. W. Seaford	17,000	17,000	100.00%	2.61	M	P	No	33,951.25	Crowley
Dacota	9-23-1908	Weld	4,500	276	49,730	10.25	1,091.20	40	L. W. Varnburg	L. W. Varnburg	7,000	25.45	11.08%	11.08	M	P	No	1,000.00	Dacota
De Beque	1-18-1890	Weld	4,500	276	49,730	10.25	1,091.20	40	L. W. Varnburg	L. W. Varnburg	7,000	25.45	11.08%	11.08	M	P	No	1,000.00	De Beque
Deer Trail	3-2-1920	Weld	4,500	276	49,730	10.25	1,091.20	40	L. W. Varnburg	L. W. Varnburg	7,000	25.45	11.08%	11.08	M	P	No	1,000.00	Deer Trail
Delta	10-11-1882	Delta	1,441	1,011	290,765	12.50	3,620.58	640	Harold A. Benford	S. S. Priddy	67,500	27,000	19.70%	13.78	M	P	No	115,449.64	Delta
Denver	1-15-1862	Denver	281,661	281,661	442,968,790	10.20	4,529,462.29	37,085	George D. Heggie	Whelan S. Peck	23,282,100	9,340,400	113.29%	7.10	M	P	Yes	142,097,212.22	Denver
Dillon	1-26-1883	Summit	4,800	583	76,142	12.00	9,097.22	320	Joe Arduini	Rita Wiley	16,500	21,000	74.10%	11.97	M	P	No	1,653,000.00	Dillon
Dolores	6-23-1881	La Plata	4,000	1,021	290,765	12.50	3,620.58	640	Harold A. Benford	S. S. Priddy	67,500	27,000	19.70%	13.78	M	P	No	115,449.64	Dolores
Durango	4-29-1866	Clowa	4,262	519	424,193	8.00	3,393.56	302	A. R. Rilliger	J. C. Long	69,000	132,952	162.27%	16.27	M	P	Yes	290,127.26	Durango
Edwards	4-16-1906	La Plata	4,000	1,021	290,765	12.50	3,620.58	640	Harold A. Benford	S. S. Priddy	67,500	27,000	19.70%	13.78	M	P	No	115,449.64	Edwards
Elgin	6-10-1920	Yuma	2,800	559	214,830	14.00	3,007.62	145	George E. Rice	Elmer Smith	40,000	111,442	182.61%	18.62	M	P	Yes	415,911.66	Elgin
Elgin	6-10-1920	Yuma	2,800	559	214,830	14.00	3,007.62	145	George E. Rice	Elmer Smith	40,000	111,442	182.61%	18.62	M	P	Yes	415,911.66	Elgin
Elk	11-5-1886	Jefferson	5,352	1,472	616,020	13.00	3,011.81	600	E. E. Elder	J. R. Noble	44,000	44,000	100.00%	14.35	M	P	Yes	242,527.71	Elk
Elk	11-5-1886	Jefferson	5,352	1,472	616,020	13.00	3,011.81	600	E. E. Elder	J. R. Noble	44,000	44,000	100.00%	14.35	M	P	Yes	242,527.71	Elk
Elk	11-5-1886	Jefferson	5,352	1,472	616,020	13.00	3,011.81	600	E. E. Elder	J. R. Noble	44,000	44,000	100.00%	14.35	M	P	Yes	242,527.71	Elk
Elk	11-5-1886	Jefferson	5,352	1,472	616,020	13.00	3,011.81	600	E. E. Elder	J. R. Noble	44,000	44,000	100.00%	14.35	M	P	Yes	242,527.71	Elk
Elk	11-5-1886	Jefferson	5,352	1,472	616,020	13.00	3,011.81	600	E. E. Elder	J. R. Noble	44,000	44,000	100.00%	14.35	M	P	Yes	242,527.71	Elk
Elk	11-5-1886	Jefferson	5,352	1,472	616,020	13.00	3,011.81	600	E. E. Elder	J. R. Noble	44,000	44,000	100.00%	14.35	M	P	Yes	242,527.71	Elk
Elk	11-5-1886	Jefferson	5,352	1,472	616,020	13.00	3,011.81	600	E. E. Elder	J. R. Noble	44,000	44,000	100.00%	14.35	M	P	Yes	242,527.71	Elk
Elk	11-5-1886	Jefferson	5,352	1,472	616,020	13.00	3,011.81	600	E. E. Elder	J. R. Noble	44,000	44,000	100.00%	14.35	M	P	Yes	242,527.71	Elk
Elk	11-5-1886	Jefferson	5,352	1,472	616,020	13.00	3,011.81	600	E. E. Elder	J. R. Noble	44,000	44,000	100.00%	14.35	M	P	Yes	242,527.71	Elk
Elk	11-5-1886	Jefferson	5,352	1,472	616,020	13.00	3,011.81	600	E. E. Elder	J. R. Noble	44,000	44,000	100.00%	14.35	M	P	Yes	242,527.71	Elk
Elk	11-5-1886	Jefferson	5,3																

