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INDEX
OF LARGER
CITIES GIVING
POPULATIONS
& KEY TO MAP

120 Keesburg K
 130 Julesburg L
 120 Kilm L
 100 Kilo L
 100 Kilo N-11
 148 Kiowa G-6
 120 K L
 250 Kirk Carson G
 518 K L
 93 Kokomo G-5
 254 Kreamling D
 150 K L
 120 Laird Q
 120 La Jara H-11
 150 La Jara H-11
 317 Lake City E-9
 150 Lake George J
 185 Lake L
 460 La Salle K-3
 177 La Veta K-11
 1499 Leadville G-6
 150 Leavenworth K-6
 1,636 Littleton K-5
 150 Loma B-6
 5,063 Loma K-6
 1,399 Louisville J-4
 300 Louviers K
 250 Lyon J-3
 1,116 Lyons K-6
 906 Mansie H-11
 682 Manasco B-12
 150 Manito K-6
 562 Manzanita N-9
 100 Marbo E-6
 150 Marquette K-6
 150 Matheson M-6
 150 McClave G-6
 150 McClave G-6
 925 Meeker C-6
 262 Merino C-6
 270 Merino C-6
 372 Milliken K-3
 200 Moffat H-9
 150 Mogote G-12
 150 Monarch K-6
 3,581 Montrose C-9
 192 Monument K-6
 150 Montrose K-6
 150 Mosco H-10
 150 Mt. Morris E-6
 150 Mt. Morris E-6
 231 Nederland J-4
 447 New Castle D-5
 200 New M-2
 200 New M-2
 363 Newwood C-9
 211 Niwota B-9
 150 Niwota B-9
 957 Oak Creek J-3
 251 Oak Grove J-11
 49 H-9
 240 Olney C-9
 300 Springs M-9
 1,186 Ordway M-9
 445 Otis M-9
 1,116 Otis P-12
 125 Padon P-12
 1,021 P-12
 855 Palmdale C-6
 160 Springs L-11
 125 Pool P-12
 92 P-12
 100 Poradox A-6
 350 Porter G-6
 393 Portsmouth E-9
 393 Portsmouth E-9
 167 Pitkin F-3
 200 Placerville C-6
 200 Placerville C-6
 473 Portland L-6
 4,350 Pueblo L-6
 150 Pueblo L-6
 326 Rio K-6
 400 Ridgway G-6
 1,249 Rockvale J-4
 3,746 Rocky Ford M-9
 100 L-6
 100 Rollinsville J-4
 150 Roscoe G-11
 150 Roscoe G-11
 394 Ruby K-3
 208 Rye R-6
 4,689 Safford H-6
 555 Sanford H-6
 600 San Luis J-6
 100 San Luis J-6
 121 Sewell C-6
 200 Sedalia K-6
 200 Sedalia K-6
 300 Segunda K-6
 311 Selbert H-6
 200 H-6
 75 Shawano H-6
 100 Sheridan L-6
 163 Sil Q
 241 Silver Cliff L-6
 273 L-6
 1,150 Silverton C-6
 387 Silver C-6
 250 Smuggler C-6
 100 C-6
 150 Sopris L-6
 100 South Fork F-3
 1,000 L-6
 1,000 Starkville L-6
 229 Steamboat L-6
 6,415 Sterling L-6
 200 Stensham M-9
 424 Stratton P-12
 836 Sugar City M-9
 465 Swink K-6
 1,618 Telluride G-6
 150 Timnath K-6
 150 Timnath K-6
 150 Towner C-6
 70 Trinchera K-6
 1,771 Viterbo L-6
 1,815 L-6
 260 Walden C-6
 300 Weisman K-6
 300 Weisman K-6
 74 K-6
 100 Weldon L-6
 100 Weldon L-6
 318 Westcliffe L-6
 400 Weston K-6
 100 L-6
 250 Wiggins L-6
 100 Wild Horse L-6



ERRATA

On page 275, in table on the Cost of Living in Denver, prices given for the United States on October 15, 1929, are those which should appear in the column for Denver and those for Denver on the same date are those which apply to the United States.

YEAR BOOK

of the

STATE OF COLORADO

1930

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

Compiled and Edited by Tolbert R. Ingram.



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Foreword

THIS edition marks the twelfth 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.

The law providing for the publication of this work annually was passed in 1918, and that year marked the first effort to collect and tabulate at yearly intervals the statistical information that most clearly pictures the growth and development of the state. Succeeding volumes have become increasingly valuable as comparisons with former years have been made possible, and it is evident that the value of the work will be increasingly manifest as time passes.

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

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

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

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

Colorado—General Description

COLORADO lies almost in the center of that part of the United States west of the Mississippi River basin and in the east-central part of the Rocky Mountain region. The center of the state is approximately 1,500 miles west of the Atlantic seaboard, 800 miles east of the Pacific, 650 miles south of the Canadian border and 475 miles north of the Mexican border, measured by air lines due east and west and north and south. The state is bounded on the west by Utah, on the north by Wyoming and Nebraska, on the east by Kansas and Nebraska, and on the south by New Mexico and a small strip of the Oklahoma panhandle.

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

in the southwest. In outline the state is almost a perfect rectangle, having the most regular form of any state in the Union. It ranks seventh in size, with a land area of 66,341,120 acres or 103,658 square miles. Its water area is 290 square miles, making the total area 103,948 square miles. It is more than twelve times as large as the state of Massachusetts, nearly twice as large as Iowa, and about the same size as New York, Ohio, Connecticut and New Hampshire combined. Its extreme length east and west is about 387 miles, or 37 miles more than the distance from New York City to Portland, Maine, and its width approximately 276 miles, about the same as the distance from Chicago to St. Louis.

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

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

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

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

Population—The population of Colorado has increased steadily and rapidly since its actual settlement began, immediately following the discovery of gold in 1858. The first census of what is now the state was taken in 1860 and showed a population of 34,277. The census bureau estimates the population as of April 1, 1930, at 1,035,043, 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	337.5	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.....	1,035,043	10.2	16.1

*Preliminary.

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 9.96 per square mile. Denver still holds first place in this respect, with 4,422.26, and Jackson county ranks last, with 0.81. The rural population in 1910, including all people except those living in incorporated places of 2,500 population or more each, was 394,184, or 49.3 per cent of the total. The rural population as shown by the 1920 census was 486,370, or 51.76 per cent of the total. In 1910 the foreign-born white population was 15.9 per cent of the total, the principal foreign nationalities then being, in the order named, as follows: German, Italian, Russian, Austrian, English, Swedish, Canadian, Irish and Scotch. In 1920 the foreign-born white population was 12.4 per cent of the total, the principal foreign nationalities being Russian, Italian, German, Mexican and Swedish.

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, six counties—Archuleta, Costilla, Gilpin, Hinsdale, Lake and San Juan—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

Of the area in private ownership in 1929, the tax commission classifies 34,747,152 acres as agricultural land. This is equal to 52.3 per cent of the entire land area of the state. The area classified as agricultural land is divided as follows:

	Acres
Fruit land.....	20,771
Irrigated land.....	2,192,666
Natural hay land.....	347,852
Dry farming land.....	11,385,796
Grazing land.....	20,800,067
Total	34,747,152

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 13,309,549 acres, mostly in Colorado, and are administered by the department of agriculture of the federal government. A detailed description of these forests and their operations is given elsewhere in this volume.

National Parks and Monuments—Two national parks and four national monuments are located within the boundaries of Colorado and one national monument on the boundary between Colorado and Utah. All of these parks and monuments are administered by the national park service of the department of the interior, with the exception of the Holy Cross and Wheeler national monuments, which are under the jurisdiction of the department of agriculture. Their names, locations and areas are as follows:

Rocky Mountain national park, located in the north middle part of the state, in Larimer, Boulder and Grand counties, and embracing an area of

about 378 square miles, or 241,738 acres. Of the total, 9,113 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 51,200 acres.

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

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

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

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

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

Rocky Mountain national park was created by an act of congress approved January 26, 1915. It lies in the heart of the Rockies and includes some of the most picturesque portions of the range. Its highest point is Longs peak, rising 14,255 feet above sea level. There are within its boundaries 13 other peaks with an altitude of more than 13,000 feet. It is one of the most accessible of the national parks and one of the most popular.

Total government appropriations made for the Rocky Mountain national park from 1917 to 1930, inclusive, aggregated \$880,051, of which \$773,662 had been expended up to June 30, 1929. 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	.....

*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

(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. Governmental appropriations for the maintenance and improvement of the park and for archaeological work aggregated \$511,795, of which \$440,510.40 had been expended up to June 30, 1929. 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	.....

*Deficiency appropriation.

Visitors and private automobiles entering the park during the travel

season for the years named were as follows:

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

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

Holy Cross national monument was created by a proclamation issued by President Hoover on May 20, 1929. The monument received its name from Holy Cross mountain, a peak rising to an elevation of 13,978 feet above sea level, upon the side of which is a figure in the form of a Greek cross formed by snow-filled ravines, which is an object of much public interest.

Colorado national monument is in a picturesque canon which has long been a popular scenic feature of that part of Colorado. The formation is similar to that of the Garden of the Gods at Colorado Springs, but it is generally conceded to be much more picturesque.

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.

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

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

Climatological Data—As a result of its great size and the extreme irregularity of its surface, the climate of Colorado is wonderfully varied and cannot be described in detail here. Various tables contained in this publication show the most important climatic data for different sections of the state. The mean annual temperature for the entire state is 44.3 degrees, but it varies from about 31 degrees in some of the higher mountain districts to 54 degrees in parts of the Arkansas valley. The average annual precipitation for the state is

17.54 inches, but there is also a very wide range here in the different sections of the state. The lowest average precipitation is about 6.5 inches, in the San Luis valley, and the highest above 40 inches, in the San Juan mountains and a few other mountain districts of restricted areas. The delightful and wonderfully healthful qualities of Colorado's climate are well known throughout the country. More detailed data on this subject are contained in the chapter on Climatological Data on Page 46.

High and Low Points—The level of the sea is the basis upon which all geometrical altitudes are reckoned. The fifteenth step from the top leading to the main floor of the state capitol at Denver, at the west entrance, is exactly one mile, or 5,280 feet above sea level. Mount Elbert and Mount Massive, altitude 14,402 feet, or 2.72 miles above sea level, are the highest points in the state. The lowest point is the bed of the Arkansas river near the town of Holly, about three miles west of the Kansas line, in Prowers county, in the southeastern part of the state. Its altitude is 3,385 feet, or 0.64 of a mile above sea level.

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

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

The deepest hole ever bored into the earth in Colorado, as far as records disclose, is a test well drilled for oil near Longmont, Boulder county, by the A. A. 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 29 railroad com-

panies represented in Colorado, operating an aggregate of 4,928 miles of main line track. Every county in the state has some railroad mileage, though the railroad facilities of some of the counties, particularly in the northwestern and southwestern parts of the state, are inadequate. The total value of railroad property in the state, as returned by the state tax commission for the year 1929, was \$165,567,770.

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

Road	Mileage
Atchison, Topeka & Santa Fe Railway Company.....	528.88
Chicago, Burlington & Quincy Railroad Company.....	395.37
Chicago, Rock Island & Pacific Railroad Company.....	165.85
Colorado Railway Company.....	107.14
Colorado-Kansas Railroad Co.....	22.20
Colorado & Southern Railroad Co.	655.78
Colorado & Southeastern Railroad Company	6.27
Colorado & Wyoming Railroad Company	40.96
Crystal River Railroad Company.	20.66
Crystal River & San Juan Co.....	7.32
Denver & Inter-Mountain Railroad Company	11.61
Denver & Rio Grande Western Railroad Company.....	1,444.53
Denver & Salt Lake Railroad Co...	220.17
Great Western Railway Company.	86.74
Greeley Terminal Railway Co....	1.60
Laramie, North Park & Western Railroad Company.....	43.88
Manitou & Pikes Peak Railway Company	8.70
Midland Terminal Railroad Co...	56.15
Missouri Pacific Railroad Co.....	152.04
Northwestern Terminal Railway Company	3.18
Rio Grande Junction Railroad Co.	62.08
Rio Grande Southern Railroad Company	171.16
San Luis Central Railroad Co.....	12.21
San Luis Southern Railway Co....	31.53
Silverton, Gladstone & Northerly Railroad Company.....	7.17
Silverton Northern Railroad Co...	8.45
Treasury Mountain Railroad Co...	4.00
Utah Railway Company.....	50.80
Union Pacific Railroad Company.	602.02

Ninety-eight telephone companies operate in the state, owning an aggregate of 447,846 miles of wire in 1929. The valuation of all telephone property owned by these companies as determined by the state tax commission for taxation purposes was \$15,674,400 in 1929. Most of these companies are small and operate in one or two counties only. One company owns and operates more than 97 per cent of the total mileage. All counties in the state have telephone service. Four telegraph companies operate 27,931 miles of wire. Tables published elsewhere in this volume give valuations, mileage, etc., of all companies by counties.

Colorado—Brief Land History

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

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

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

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

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

to the territory of Utah, the southern boundary being the territory of New Mexico, which at that time extended north to the Arkansas river, and the northern boundary being at the 40th parallel, which passes near the 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 ter-

ritory, through the regularly constituted legislative channels. In February, 1861, Colorado Territory was regularly organized, its boundaries being substantially the same as those of the state today. On June 6, 1861, Mr. Steele formally abdicated as governor of "Jefferson Territory," and that unique political subdivision passed into history.

The organization of Colorado territory did not settle the numerous controversies regarding land titles that existed when the territory was organized. Within the area formerly claimed by the state of Texas, as well as that ceded by Mexico, there were numerous land grants, made by the Spanish and Mexican governments, all of which were confirmed by the United States when this area became a part of the Union. A special land court was created for the examination and adjudication of these titles, and in all cases where the records showed that the grants were properly made they were formally approved by this court. In addition to these old grants there were large tracts of land which had been set apart for Indian tribes who had long claimed this territory as their own. Those who are familiar with the early history of the state will know that the controversies with these Indians were not settled without many bloody battles, which resulted in heavy loss of life among both the Indians and the pioneer settlers. In 1861 the federal government entered into a treaty with the Cheyenne and Arapahoe Indians, under which the Indians ceded to the government their lands in eastern Colorado. The Indians did not abide by this treaty, however, and they waged vigorous warfare against the white settlers for several years with a view to driving them from the plains of eastern Colorado. On October 28, 1867, they signed another treaty with the United States, ceding all their lands between the Platte and Arkansas rivers, and agreeing to their removal to Indian Territory.

In the western part of the state settlers came in contact with the Ute Indians. In 1868 a treaty had been made between these Indians and the government by which the government confirmed their title to a large tract of land in the southern and western parts of the state. After the discovery of rich metal deposits in the San Juan district, white settlers began to come in rapidly, and steps were taken to recover the land that had been confirmed by the government as the prop-

erty 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.

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	2,973,744	3.49	7
Water surface (acres)-----	185,600	33,854,080	0.55	42
Vacant public land July 1, 1929 (acres)-----	8,218,875	190,031,722	4.33	8
Area in national forests (acres) 1929-----	13,278,233	138,121,316	9.61	4
Area in national parks and monuments 1929 (acres)-----	156,600	4,341,220	3.61	5
Visitors to national parks (1929)-----	288,925	2,680,597	10.78	—
Population (1920)-----	939,629	105,710,620	0.89	33
Population (1930)-----	1,035,043	122,698,190	0.84	34
Value all property (1922)-----	\$3,229,412,000	\$320,803,862,000	1.01	29
Value manufactured products (1927)-----	\$278,221,431	\$62,718,347,289	0.44	33
Value all farm property (1920)-----	\$1,076,794,749	\$77,924,100,338	1.38	23
Gasoline tax receipts (1928)-----	\$3,921,224	\$305,233,842	1.28	29
Developed water power Jan. 1, 1929 (horsepower)-----	98,016	13,571,530	0.72	27
Water power, potential h. p. available 50% of the time (Jan. 1, 1928)-----	1,609,000	59,166,000	2.72	8
Radio sets in use, est. (Jan. 1, 1929)-----	79,200	9,000,000	0.88	31
Church membership (1926)-----	352,863	54,576,346	0.65	35
Sugar beet production farm value (1911- 1925)-----	\$205,123,685	\$731,491,708	28.00	1
Beet sugar manufactured, value (1925)-----	\$41,165,742	\$132,339,012	31.10	1
Livestock on farms, value (1930)-----	\$116,920,000	\$5,864,969,000	1.99	18
Value all crops (census 1919)-----	\$181,065,000	\$14,755,365,000	1.23	29
Hypothetical value all crops (1929)-----	\$140,042,000	—	—	—
Value gold production (1927)-----	\$5,356,300	\$45,418,600	11.68	4
Value silver production (1927)-----	\$2,234,746	\$34,266,328	6.52	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 production in pounds (1927)-----	8,006,801	1,684,040,983	0.48	*10
Number wage earners (1920)-----	366,457	41,614,248	0.88	33
Railway mileage (Dec. 31, 1928)-----	4,983	249,309	2.00	23
Motor vehicles registered, all cars (1928)-----	284,867	24,493,124	1.16	27
State net governmental costs (1927)-----	\$16,013,806	\$1,714,994,148	0.93	37
Public roads, miles (1927)-----	58,906	2,731,172	2.16	25
Prohibition convictions in federal courts (1929)-----	131	47,100	0.28	44
U. S. Internal Revenue collections (1929)-----	\$11,539,234	\$2,939,054,375	0.39	131
Individual income taxes (1929)-----	\$4,206,231	\$1,095,541,172	0.38	30
Corporation income taxes (1929)-----	\$6,831,459	\$1,235,733,256	0.55	28
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
Value bread and other baker products manufactured (1925)-----	\$10,157,121	\$1,268,194,507	0.80	20
Value butter, cheese and condensed milk manufactured (1925)-----	\$12,030,768	\$973,518,046	1.24	18
Canning and preserving, value of products (1925)-----	\$4,317,587	\$677,131,278	0.64	20
Slaughtering and meat packing, value of products (1925)-----	\$30,399,379	\$3,050,286,291	0.99	20
Est. barrels of oil recoverable from Ter- tiary shale-----	47,625,598,000	75,335,721,000	63.22	1
Mining machinery, value manufactures (1925)-----	\$3,423,298	\$34,827,448	9.83	4
Coal produced, tons (1927)-----	9,724,075	517,763,352	1.88	9
Petroleum output, bureau of mines fig- ures, (1927) barrels-----	2,831,000	901,129,000	0.31	14
Coke produced, tons (1927)-----	788,586	51,092,143	1.54	12
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
Manganese production, tons (1925)-----	3,117,877	14,008,852	22.25	3
Flour mill and grain mill products, value (1925)-----	\$14,691,796	\$1,298,014,788	1.13	24
Public school property, value (1925-26)-----	\$54,643,686	\$4,676,603,539	1.17	23
Probable number millionaires (1923)-----	44	8,600	0.51	21
Coal, reserve tonnage bituminous, geolog- ical survey estimate, figures in billions of tons-----	213,071	1,441,395	14.78	1
Lodgepole pine cut, in board feet (1927)-----	5,994,000	13,255,000	45.22	1
Deaths from automobile accidents (1928)-----	221	23,756	0.93	31
Population per square mile (1920)-----	9.1	35.5	—	42
Population per square mile (1930 prelim.)-----	3.9	41.3	—	—
Indian population (June 30, 1929)-----	836	337,652	0.25	13

*Includes Alaska.

†Includes Alaska and possessions.

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	Metalliferous Mining Claims Non-Productive	Railroad Rights-of-Way	Town and City Lots	Total Patented Lands ²	Unclassified as to Ownership ²	Government Land Open to Homesteaders	State Land Unappropriated	National Forests	Total Non-Patented Lands ³	Area Acres	COUNTY
Adams	807,680	----	93,389	7,843	443,523	155,407	49,942	----	----	-----	-----	2,798	3,200	755,102	23,137	-----	28,441	-----	28,441	807,680	Adams
Alamosa	465,280	----	27,500	37,300	115,500	141,980	-----	-----	-----	-----	-----	1,287	980	324,547	13,062	51,116	47,523	29,032	127,671	465,280	Alamosa
Arapahoe	538,880	----	27,750	-----	380,330	83,730	-----	-----	-----	-----	-----	1,577	3,200	496,587	27,955	-----	14,328	-----	14,328	538,880	Arapahoe
Archuleta	780,800	----	10,598	515	10,482	280,673	8,808	-----	-----	9,763	-----	1,583	850	323,272	63,618 ³	97,801	17,791	405,554	521,146	780,800	Archuleta
Baca	1,633,260	----	2,950	-----	968,045	561,025	-----	-----	-----	-----	-----	-----	440	1,532,460	27,359	3,596	69,865	-----	73,461	1,533,280	Baca
Bent	975,560	----	47,550	-----	60,580	656,320	8,146	-----	-----	-----	-----	1,941	1,525	776,162	48,501	11,648	139,049	-----	150,697	975,360	Bent
Boulder	488,960	----	79,059	-----	23,119	156,456	6,789	211	2,015	-----	12,260	3,840	8,250	290,999	50,596	5,760	5,351	124,254	137,365 ⁴	488,960	Boulder
Chaffee	693,120	----	24,543	-----	-----	73,510	-----	-----	-----	-----	10,997	3,670	2,910	115,530	45,787	86,721	18,218	426,764	531,703	693,120	Chaffee
Cheyenne	1,137,280	----	-----	-----	845,120	230,481	-----	-----	-----	-----	1,579	6,848	960	1,078,140	6,848	685	51,607	-----	52,292	1,137,280	Cheyenne
Clear Creek	249,600	----	-----	-----	-----	32,587	459	-----	-----	-----	20,120	1,040	806	55,012	5,251	17,520	2,120	159,697	189,337	249,500	Clear Creek
Conejos	201,280	----	85,840	9,920	-----	150,886	-----	-----	-----	-----	475	1,352	1,250	259,723	49,728	161,691	59,682	270,455	491,829	801,280	Conejos
Costilla	758,400	----	78,580	5,600	10,000	60,000	220,000	-----	-----	400,000	820	1,589	575	777,264	18,864 ³	-----	-----	-----	-----	758,400	Costilla
Crowley	517,120	192	40,198	-----	11,599	373,222	-----	-----	-----	-----	785	786	786	426,881	30,153	1,781	58,295	-----	60,076	517,120	Crowley
Custer	478,080	----	5,916	11,547	6,711	230,627	-----	-----	-----	-----	3,784	447	485	259,517	23,800	12,937	13,117	168,509	194,663	478,080	Custer
Delta	768,640	7,708	55,159	-----	24,108	48,574	123,040	338	1,918	-----	-----	750	1,100	262,795	162,163	153,730	-----	189,952	343,682	768,540	Delta
Denver	37,120	----	5,705	-----	-----	-----	-----	-----	-----	-----	2,750	26,401	1,629	34,857	1,629	-----	534	-----	634	37,120	Denver
Dolores	567,520	----	836	-----	17,865	171,855	-----	19	212	1,724	2,341	420	160	195,425	78,212	56,268	9,171	328,444	393,883	667,520	Dolores
Douglas	540,800	----	5,335	5,730	89,030	278,263	-----	-----	-----	-----	2,468	676	-----	382,501	11,768	1,480	8,655	136,396	146,531	540,800	Douglas
Eagle	1,036,800	----	25,379	-----	844	128,923	-----	-----	-----	-----	4,501	2,566	375	162,688	126,439	136,846	17,471	593,356	747,673 ¹⁰	1,036,800	Eagle
Elbert	1,188,480	----	-----	11,501	352,362	713,991	-----	-----	-----	-----	-----	2,810	440	1,081,104	29,044	280	78,052	-----	78,332	1,188,480	Elbert
El Paso	1,357,440	170	20,400	1,910	217,010	745,180	9,401	290	1,120	-----	1,627	5,376	15,250	1,018,733	44,277	2,745	191,143	100,541	294,430	1,357,440	El Paso
Fremont	995,480	1,027	14,869	1,200	45,185	296,112	400	3,000	1,773	-----	4,915	2,931	1,275	373,588	155,001	340,370	57,604	59,917	467,891	996,480	Fremont
Garfield	1,988,480	765	63,925	-----	29,458	244,564	-----	3,747	976	-----	76	4,076	995	338,680	504,942	622,960	1	521,897	1,144,858	1,988,480	Garfield
Gilpin	84,480	----	-----	-----	-----	28,073	-----	-----	-----	-----	19,338	1,002	495	48,908	57,498	4,960	1,239	53,697	84,480	84,480	Gilpin
Grand	1,194,240	----	32,854	-----	-----	229,315	-----	-----	-----	44,011	1,452	2,243	425	310,310	182,554	100,620	63,375	537,381	701,375 ⁵	1,194,240	Grand
Gunnison	2,034,560	----	36,845	-----	285	266,228	6,009	883	10,109	720	21,017	2,250	1,880	346,225	80,163	458,480	19,093	1,130,598	1,608,171	2,034,560	Gunnison
Hinsdale	621,440	----	2,206	-----	-----	13,026	390	-----	-----	-----	5,346	237	175	21,380	21,349 ³	111,640	8,239	501,530	521,409	621,440	Hinsdale
Huerfano	960,000	40	16,105	2,159	25,102	552,365	57,960	1,672	2,434	-----	40	2,945	1,250	662,573	60,825	51,417	45,597	139,587	236,601	960,000	Huerfano
Jackson	1,044,430	----	-----	69,536	-----	230,961	11	10	2,603	1,120	742	1,100	144	305,227	100,029	186,745	51,349	400,130	638,224	1,044,480	Jackson
Jefferson	517,120	----	61,759	-----	28,816	253,947	18,531	240	-----	-----	-----	2,520	5,750	361,563	45,583	920	13,749	95,305	109,974	517,120	Jefferson
Kiowa	1,150,720	----	-----	-----	746,389	281,017	3,345	-----	-----	-----	-----	2,190	220	1,033,161	39,305	1,970	76,284	-----	78,254	1,150,720	Kiowa
Kit Carson	1,381,760	----	583	3,602	1,913,515	289,431	-----	-----	-----	-----	-----	1,499	976	1,309,605	13,491	557	58,097	-----	58,664	1,381,760	Kit Carson
Lake	237,440	----	-----	4,450	-----	23,877	-----	-----	-----	-----	31,497	2,325	1,250	63,400	15,588 ³	28,720	1,725	159,183	189,628	237,440	Lake
La Plata	1,184,640	150	53,080	-----	19,243	363,563	578	1,397	4,041	2,612	4,930	3,030	1,525	454,249	184,626	153,075	15,921	376,769	545,765	1,184,640	La Plata
Larimer	1,682,560	486	105,679	15,400	24,019	609,473	8,335	-----	-----	-----	-----	3,020	4,400	770,812	216,094	26,965	70,101	598,588	505,654 ⁴	1,682,560	Larimer
Las Animas	3,077,760	----	20,893	5,943	58,161	2,551,240	950	2,552	42,983	113,207	-----	6,845	7,250	2,809,024	7,263	72,128	158,744	30,601	261,473	3,077,760	Las Animas
Lincoln	1,644,800	----	-----	3,117	909,372	584,409	-----	-----	-----	-----	-----	1,822	1,350	1,500,070	19,849	2,007	122,874	-----	124,881	1,644,800	Lincoln
Logan	1,166,080	----	70,481	15,000	670,000	332,840	-----	-----	-----	-----	-----	3,334	2,010	993,665	24,935	2,080	145,399	-----	147,479	1,166,080	Logan
Mesa	2,024,320	5,939	91,049	-----	-----	373,663	2,996	2,624	-----	-----	-----	3,106	4,000	484,375	179,605	784,958	1	675,380	1,360,339 ⁷	2,024,320	Mesa
Mineral	554,240	----	1,847	2,727	-----	15,768	6,257	-----	-----	-----	3,006	435	425	30,455	4,313	-----	679	518,283	518,952 ⁷	554,240	Mineral
Moffat	2,981,120	----	13,261	3,039	39,112	901,430	3,272	-----	6,024	-----	599	140	675	967,552	279,080	1,485,550	205,800	42,133	1,734,488	2,981,120	Moffat
Montezuma	1,312,640	722	36,925	-----	40,394	207,518	4,010	55	85	-----	687	1,558	730	292,594	513,642	237,347	35,029	232,928	506,304 ⁸	1,312,640	Montezuma
Montrose	1,448,560	1,200	65,459	-----	23,412	210,393	106,883	-----	-----	-----	2,482	1,310	1,090	412,229	168,306	555,270	199	312,955	868,425	1,448,960	Montrose
Morgan	823,040	----	81,086	2,200	244,460	416,110	-----	-----	-----	-----	-----	2,271	2,010	747,126	14,468	2,200	59,246	-----	61,446	823,040	Morgan
Otero	806,760	472	78,307	-----	11,209	630,980	2,063	-----	-----	-----	-----	2,360	2,160	627,541	53,310	4,706	120,203	-----	124,909	805,760	Otero
Ouray	332,160	----	9,824	2,128	3,610	127,276	6,220	-----	387	1,360	14,135	1,060	910	166,810	14,625	22,140	3,163	126,531	832,160	332,160	Ouray
Park	1,434,880	----	-----	23,446	5,482	430,800	-----	-----	2,849	-----	13,077	3,854	785	480,293	162,361	71,800	92,795	527,641	792,236	1,434,880	Park
Phillips	440,320	----	-----	-----	374,352	34,010	-----	-----	-----	-----	-----	908	895	410,176	12,015	-----	18,129	-----	18,129	440,320	Phillips
Pitkin	652,160	----	18,127	-----	300	52,058	-----	16	4,998	-----	16,618	2,166	460	94,632	48,564	18,560	1,292	489,112	608,064	652,160	Pitkin
Prowers	1,043,200	----	90,282	5,671	636,900	215,314	17,000	-----	-----	-----	-----	2,021	1,060	967,148	20,395	2,459	53,198	-----	65,667	1,043,200	Prowers
Pueblo	1,567,120	----	40,226	-----	81,890	1,030,720	13,136	-----	-----	-----	-----	6,132	17,250	1,189,362	92,810	14,780	231,240	28,938	274,968	1,567,120	Pueblo
Rio Blanco	2,062,720	----	22,321	2,047	19,074	302,513	-----	-----	5,106	-----	117	196	400	351,773	220,296	1,130,400	-----	360,252	1,490,662	2,062,720	Rio Blanco
Rio Grande	674,720	----	53,641	27,418	-----	128,196	433	-----	-----	-----	2,435	1,313	935	224,422	23,632	76,016	15,449	236,201	326,666	674,720	Rio Grande
Routt	1,477,760	----	42,614	-----	56,449	443,671	2,211	1,260	49,977	15,719	684	2,437	800	614,722	156,336	79,140	70,103	657,459	705,702	1,477,760	Routt
Saguache	2,006,120	----	37,640	49,000	-----	260,250	192,540	-----	-----	-----	4,851	2,680	1,160	548,221	146,151	341,669	100,103	868,986	1,310,748	2,006,120	Saguache
San Juan	289,920	----	-----	-----	-----	200	-----	-----	-----	196	23,297	913	660	26,165	7,422	64,630	202,707	264,769	289,920	289,920	San Juan
San Miguel	824,320	----	7,644	-----	7,036	216,103	-----	150	-----	607	8,463	1,193	240	240,236	76,310	311,590	19,679	175,505	607,774	824,320	San Miguel
Sedgwick	339,840	----	19,																		

RANK OF COUNTIES IN THE STATE

COUNTY	Area	Population (1930)	Bank Deposits Dec. 31, 1929	Agricultural Values (1929)	Dairy Cattle Values (1929)	Range Cattle Values (1929)	Value Sheep (1929)	Value Swine (1929)	Metal Mining (1928)	Coal Mining (1929)	Manufacturing (1919)	Miles Railroad (1929)	Miles Highway (1930)	Number Autos (1929)	Assessed Valuation (1929)
Adams.....	35	12	22	9	7	48	42	5	20	--	9	19	14	12	9
Arapahoe.....	53	30	23	21	36	45	33	26	28	--	28	42	40	30	39
Archuleta.....	48	10	19	31	14	41	37	32	--	--	23	34	36	8	16
Baca.....	38	48	54	52	50	37	19	46	--	23	29	33	42	54	53
Bent.....	11	22	33	13	33	13	41	12	--	--	48	44	33	24	31
Boulder.....	31	29	32	23	31	31	24	25	--	--	33	26	30	29	30
Chaffee.....	51	7	6	17	9	42	47	31	14	7	5	15	29	6	6
Cheyenne.....	41	31	21	50	41	49	45	38	22	--	13	27	48	34	40
Clear Creek.....	26	46	52	37	48	16	40	17	--	--	59	32	24	45	29
Conejos.....	60	51	46	61	59	61	58	57	13	--	45	57	55	51	51
Costilla.....	37	25	41	26	32	33	2	21	--	--	20	38	35	37	41
Crowley.....	40	38	57	40	53	56	23	28	--	--	39	31	53	47	52
Custer.....	50	36	39	22	40	35	44	27	--	--	19	55	28	36	38
Delta.....	52	52	55	48	49	43	46	44	23	--	57	60	32	52	59
Denver.....	39	18	16	15	15	19	10	24	--	12	30	30	37	17	28
Dolores.....	63	1	1	--	54	--	--	--	--	--	1	37	--	1	1
Douglas.....	42	58	--	56	57	53	28	52	4	16	61	58	54	61	61
Eagle.....	47	47	44	45	11	24	54	33	24	--	18	17	34	41	35
Elbert.....	29	44	47	33	37	18	17	42	7	--	53	24	46	46	45
El Paso.....	22	34	37	25	3	14	30	10	--	20	59	23	10	32	21
Fremont.....	19	4	3	29	2	11	43	18	--	8	10	5	3	4	4
Garfield.....	30	14	8	36	18	51	51	36	21	5	7	13	49	15	15
Gilpin.....	8	24	13	19	21	12	1	23	--	14	32	10	15	25	20
Grand.....	62	60	53	60	62	59	--	58	16	--	51	52	57	59	60
Gunnison.....	21	53	49	44	38	34	26	51	--	--	21	28	50	49	48
Hinsdale.....	5	40	25	39	34	5	13	48	17	6	40	4	44	40	24
Huerfano.....	44	63	--	57	61	58	52	--	19	--	62	61	58	63	63
Jefferson.....	32	16	14	47	30	30	18	43	--	3	34	8	41	19	23
Kit Carson.....	27	59	--	43	43	2	21	53	--	13	46	46	45	55	57
Lake.....	49	11	28	30	13	40	48	40	27	10	22	14	17	9	13
La Plata.....	25	45	48	41	52	25	39	34	--	--	56	22	31	43	33
Larimer.....	18	26	34	18	19	21	49	3	--	--	42	36	11	22	18
Las Animas.....	61	41	30	58	58	60	61	--	3	--	11	39	59	44	43
Lincoln.....	23	20	10	32	25	32	15	35	18	11	15	9	13	21	26
Logan.....	9	6	7	3	4	22	25	19	--	1	3	6	16	5	5
Mesa.....	1	5	5	34	24	1	5	29	--	--	12	2	2	7	7
Mineral.....	10	33	36	24	26	9	38	11	--	--	12	29	18	27	19
Moffat.....	24	13	15	2	5	17	53	1	--	--	17	7	5	13	8
Montezuma.....	6	8	9	6	6	3	6	16	26	9	16	11	6	10	11
Montrose.....	46	62	--	59	60	57	29	--	15	--	63	59	62	62	62
Morgan.....	2	42	40	38	39	29	3	41	25	19	50	63	23	39	44
Otero.....	20	32	27	35	27	38	12	39	--	18	38	35	21	35	46
Ouray.....	16	21	17	12	20	23	9	20	--	21	24	41	22	20	34
Park.....	34	15	11	4	12	27	56	6	--	--	8	21	19	14	12
Phillips.....	36	9	12	8	22	36	20	14	--	--	6	18	12	11	10
Pitkin.....	58	56	51	53	65	47	27	50	9	--	49	51	52	56	55
Prowers.....	17	54	56	46	47	28	11	55	10	--	44	16	43	50	42
Pueblo.....	54	37	29	16	28	54	60	7	--	--	31	53	26	31	27
Rio Blanco.....	43	57	50	51	42	50	34	47	12	15	52	50	56	57	56
Rio Grande.....	28	17	20	11	16	26	32	8	--	--	14	25	25	16	17
Routt.....	13	2	2	14	17	15	35	22	--	--	2	3	8	3	3
Saguache.....	4	49	38	42	45	8	7	45	--	17	43	62	38	48	47
San Juan.....	45	23	24	5	35	39	14	15	11	--	25	40	51	23	37
San Miguel.....	15	28	31	28	23	7	8	30	--	4	26	20	7	28	25
Sedgwick.....	7	35	35	20	44	10	4	37	5	--	36	12	20	38	36
Summit.....	59	55	43	--	63	62	36	--	1	--	55	66	60	60	58
Teller.....	33	50	--	49	46	44	15	49	6	22	41	43	39	53	50
Washington.....	57	39	42	27	29	46	57	13	--	--	54	54	27	33	32
Weld.....	55	61	58	55	56	55	55	56	8	--	61	45	61	58	54
Yuma.....	56	43	18	54	51	52	59	54	2	--	37	49	47	42	49
Assessed Valuation (1929)	12	27	45	10	8	20	31	2	--	--	47	4	26	22	22
Area	3	3	4	1	1	4	22	4	--	2	4	1	1	2	2

COMPOSITION AND CHARACTERISTICS OF POPULATION BY COUNTIES
(Census 1920)

COUNTY	Total Popu- lation	Native White	Foreign Born White	Negro	Indian	Chinese	Japanese	All Others
Adams-----	14,430	11,882	2,169	85	28	-----	263	3
Alamosa-----	5,148	4,861	226	45	-----	-----	16	-----
Arapahoe-----	13,766	12,140	1,540	72	7	2	3	2
Archuleta-----	3,590	3,487	84	5	14	-----	-----	-----
Baca-----	8,721	8,610	91	20	-----	-----	-----	-----
Bent-----	9,705	8,661	851	37	1	29	104	22
Boulder-----	31,861	27,744	3,824	162	63	2	63	3
Chaffee-----	7,753	6,610	1,118	24	-----	1	-----	-----
Cheyenne-----	3,746	3,449	277	20	-----	-----	-----	-----
Clear Creek-----	2,891	2,309	565	15	-----	2	-----	-----
Conejos-----	8,416	8,260	127	18	11	-----	-----	-----
Costilla-----	5,032	4,920	110	-----	2	-----	-----	-----
Crowley-----	6,383	5,654	688	12	-----	-----	29	-----
Custer-----	2,172	1,912	259	-----	-----	1	-----	-----
Delta-----	13,668	12,796	804	4	4	-----	60	-----
Denver-----	256,491	212,024	37,620	6,075	66	212	465	29
Dolores-----	1,243	1,145	97	1	-----	-----	-----	-----
Douglas-----	3,517	3,150	366	1	-----	-----	-----	-----
Eagle-----	3,385	2,908	473	-----	-----	-----	4	-----
Elbert-----	6,980	6,432	538	7	-----	-----	3	-----
El Paso-----	44,027	38,966	3,947	1,088	10	10	5	1
Fremont-----	17,883	14,848	2,771	254	1	2	7	-----
Garfield-----	9,304	8,188	1,093	22	-----	-----	-----	1
Gilpin-----	1,364	1,022	339	3	-----	-----	-----	-----
Grand-----	2,659	2,295	363	1	-----	-----	-----	-----
Gunnison-----	5,590	4,537	1,018	32	1	-----	2	-----
Hinsdale-----	538	494	41	3	-----	-----	-----	-----
Huerfano-----	16,879	13,830	2,736	294	2	2	15	-----
Jackson-----	1,340	1,205	135	-----	-----	-----	-----	-----
Jefferson-----	14,400	12,250	2,047	72	4	-----	27	-----
Kiowa-----	3,755	3,596	156	3	-----	-----	-----	-----
Kit Carson-----	8,915	8,485	427	3	-----	-----	-----	-----
Lake-----	6,630	4,811	1,791	28	-----	-----	-----	-----
La Plata-----	11,218	9,749	1,005	43	384	6	31	-----
Larimer-----	27,872	24,240	3,587	20	3	-----	22	-----
Las Animas-----	38,975	32,399	5,958	389	226	1	2	-----
Lincoln-----	8,273	7,701	535	13	24	-----	-----	-----
Logan-----	18,427	16,103	2,231	26	-----	-----	67	-----
Mesa-----	22,281	20,541	1,598	108	11	1	22	-----
Mineral-----	779	702	76	1	-----	-----	-----	-----
Moffat-----	5,129	4,872	249	6	1	1	-----	-----
Montezuma-----	6,260	5,547	243	2	468	-----	-----	-----
Montrose-----	11,852	10,990	792	22	9	-----	39	-----
Morgan-----	16,124	13,608	2,410	48	12	-----	46	-----
Otero-----	22,623	19,907	2,192	283	9	-----	232	-----
Ouray-----	2,620	2,157	450	9	-----	2	-----	2
Park-----	1,977	1,781	192	4	-----	-----	-----	-----
Phillips-----	5,499	5,204	295	-----	-----	-----	-----	-----
Pitkin-----	2,707	2,105	597	2	-----	-----	3	-----
Prowers-----	13,845	12,361	1,441	32	11	-----	-----	-----
Pueblo-----	57,638	46,030	10,029	1,455	8	9	103	4
Rio Blanco-----	3,135	3,000	128	6	-----	1	-----	-----
Rio Grande-----	7,855	7,589	256	10	-----	-----	-----	-----
Routt-----	8,948	7,726	1,118	81	-----	-----	23	-----
Saguache-----	4,638	4,447	191	-----	-----	-----	-----	-----
San Juan-----	1,700	1,164	532	4	-----	-----	-----	-----
San Miguel-----	5,281	4,212	1,052	8	-----	2	7	-----
Sedgwick-----	4,207	3,650	469	13	1	-----	73	7
Summit-----	1,724	1,477	241	4	-----	1	1	-----
Teller-----	6,696	5,692	978	26	-----	-----	-----	-----
Washington-----	11,208	10,475	675	58	-----	-----	-----	-----
Weld-----	54,059	44,863	8,224	238	2	4	726	2
Yuma-----	13,897	13,376	519	1	-----	-----	1	-----
State-----	939,629	807,149	116,954	11,318	1,383	291	2,464	70

POPULATION OF COLORADO BY COUNTIES

(Compiled from the Census Reports)

NOTE—The figures for 1930 are preliminary and subject to change.

COUNTY	Population				Increase, 1920-1930*	
	1930	1920	1910	1900	Number	Per Cent
Adams ^{a b c}	20,212	14,430	8,892	-----	5,782	40.1
Alamosa ^d	8,635	5,148	-----	-----	3,487	67.7
Arapahoe ^{a b}	22,614	13,766	10,263	153,017	8,848	64.3
Archuleta	3,198	3,590	3,302	2,117	—392	—10.9
Baca	10,568	8,721	2,516	759	1,847	21.2
Bent	9,155	9,705	5,043	3,049	—550	—5.7
Boulder	32,425	31,861	30,330	21,544	568	1.8
Chaffee	8,111	7,753	7,622	7,085	358	4.6
Cheyenne	3,729	3,746	3,687	501	—17	—0.5
Clear Creek	2,152	2,891	5,001	7,082	—739	—25.6
Conejos ^d	9,794	8,416	11,285	8,794	1,378	16.4
Costilla ^d	5,779	5,032	5,498	4,632	747	14.8
Crowley ^e	5,934	6,383	-----	-----	—449	—7.0
Custer	2,123	2,172	1,947	2,937	—49	—2.3
Delta	14,214	13,668	13,688	5,487	546	4.0
Denver ^{a c}	287,644	256,491	213,381	-----	31,153	12.1
Dolores	1,413	1,243	642	1,134	170	13.7
Douglas	3,491	3,517	3,192	3,120	—26	—0.7
Eagle	3,891	3,385	2,985	3,008	506	14.9
Elbert	6,581	6,980	5,331	3,101	—399	—5.7
El Paso	49,536	44,027	43,321	31,602	5,509	12.5
Fremont	18,893	17,883	18,181	15,636	1,010	5.6
Garfield	9,928	9,304	10,144	5,835	624	6.7
Gilpin	1,208	1,364	4,131	6,690	—156	—11.4
Grand	2,072	2,659	1,862	741	—587	—22.1
Gunnison	5,524	5,590	5,897	5,331	—66	—1.2
Hinsdale	449	538	646	1,609	—89	—16.5
Huerfano	17,058	16,879	13,320	8,395	179	1.1
Jackson ^f	1,386	1,340	1,013	-----	46	3.4
Jefferson ^f	21,666	14,400	14,231	9,306	7,266	50.5
Kiowa	3,789	3,755	2,899	701	34	0.9
Kit Carson	9,714	8,915	7,483	1,580	799	9.0
Lake	4,892	6,630	10,600	18,054	—1,738	—26.2
La Plata	12,865	11,218	10,812	7,016	1,647	14.7
Larimer ^f	32,832	27,872	25,270	12,168	4,960	17.8
Las Animas	36,316	38,975	33,643	21,841	—2,659	—6.8
Lincoln	7,774	8,273	5,917	926	—499	—6.0
Logan	19,871	18,427	9,549	3,292	1,444	7.8
Mesa	25,897	22,281	22,197	9,267	3,616	16.2
Mineral	640	779	1,239	1,913	—139	—17.8
Moffat ^h	4,860	5,129	-----	-----	—269	—5.2
Montezuma	7,973	6,260	5,029	3,058	1,713	27.4
Montrose	11,693	11,852	10,291	4,535	—159	—1.3
Morgan	18,575	16,124	9,577	3,268	2,451	15.2
Otero ^g	24,243	22,623	20,201	11,522	1,620	7.2
Ouray ^j	1,778	2,620	3,514	4,731	—842	—32.1
Park ^g	2,043	1,977	2,492	2,998	66	3.3
Phillips	5,798	5,499	3,179	1,583	299	5.4
Pitkin	1,770	2,707	4,566	7,020	—937	—34.6
Prowers	14,761	13,845	9,520	3,766	916	6.6
Pueblo	66,032	57,638	52,223	34,448	8,394	14.6
Rio Blanco	2,979	3,135	2,332	1,690	—156	—5.0
Rio Grande	9,948	7,855	6,563	4,080	2,093	26.6
Routt ^h	9,330	8,948	7,561	3,661	382	4.3
Saguache	6,214	4,638	4,160	3,853	1,576	34.0
San Juan	1,930	1,700	3,063	2,343	230	13.5
San Miguel ^j	2,178	5,281	4,700	5,379	—3,103	—58.8
Sedgwick	5,568	4,207	3,061	971	1,361	32.4
Summit	981	1,724	2,003	2,744	—743	—43.1
Teller	4,134	6,696	14,351	29,002	—2,562	—38.3
Washington ^b	9,591	11,208	6,002	1,241	—1,617	—14.4
Weld	65,075	54,059	39,177	16,808	11,016	20.4
Yuma ^b	13,612	13,897	8,499	1,729	—285	—2.1
State	1,035,043	939,629	799,024	539,700	95,414	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.

^jPart 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 1929	Taxes Assessed Per Capita 1929	Bank Deposits Per Capita 1929
Adams	20,212	1,262	16.02	\$1,594.59	\$38.32	\$100.76
Alamosa	8,635	727	11.88	1,157.75	39.85	231.93
Arapahoe	22,614	842	26.86	1,023.79	31.29	97.63
Archuleta	3,198	1,220	2.62	1,458.98	40.56	85.59
Baca	10,568	2,552	4.14	1,267.01	32.63	114.56
Bent	9,155	1,524	6.01	1,500.99	34.76	131.25
Boulder	32,429	764	42.45	1,445.40	42.02	240.58
Chaffee	8,111	1,083	7.49	1,184.93	35.22	253.23
Cheyenne	3,729	1,777	2.10	3,696.56	68.70	78.75
Clear Creek	2,152	390	5.52	2,514.73	67.38	240.09
Conejos	9,794	1,252	7.82	948.68	30.08	71.75
Costilla	5,779	1,185	4.88	919.31	32.27	36.21
Crowley	5,934	808	7.34	1,716.39	49.37	123.72
Custer	2,123	747	2.84	1,439.31	38.76	114.73
Delta	14,214	1,201	11.84	1,060.87	41.98	166.29
Denver	287,644	58	4,959.38	1,577.77	50.15	548.70
Dolores	1,413	1,043	1.35	1,291.66	50.20	.....
Douglas	3,491	845	4.13	3,286.95	61.88	169.36
Eagle	3,891	1,620	2.40	1,844.42	54.80	132.13
Elbert	6,581	1,857	3.54	2,690.82	51.78	142.96
El Paso	49,536	2,121	23.36	1,521.99	51.99	405.40
Fremont	18,893	1,557	12.13	1,237.62	39.61	257.65
Garfield	9,928	3,107	3.20	1,816.70	68.19	306.05
Gilpin	1,208	132	9.15	2,382.25	69.45	237.10
Grand	2,072	1,866	1.11	2,805.93	68.39	220.24
Gunnison	5,524	3,179	1.74	2,888.50	72.57	326.86
Hinsdale	449	971	0.46	2,188.31	100.69	.....
Huerfano	17,058	1,500	11.37	973.50	37.85	157.60
Jackson	1,386	1,632	0.85	2,781.88	42.57	.....
Jefferson	21,666	808	26.81	1,281.97	35.14	62.92
Kiowa	3,789	1,798	2.11	3,480.42	49.43	124.80
Kit Carson	9,714	2,159	4.50	2,192.28	57.08	102.87
Lake	4,892	371	13.19	1,555.69	58.83	263.00
La Plata	12,865	1,851	6.95	1,206.42	39.48	242.05
Larimer	32,832	2,629	12.49	1,624.83	51.99	213.11
Las Animas	36,816	4,809	7.55	1,146.11	36.46	242.09
Lincoln	7,774	2,570	3.02	2,624.91	62.89	121.11
Logan	19,871	1,822	10.91	1,857.82	52.82	133.72
Mesa	25,897	3,163	8.19	1,167.14	38.04	182.19
Mineral	640	866	0.74	2,447.09	58.28	.....
Moffat	4,860	4,658	1.04	1,517.46	49.24	144.97
Montezuma	7,973	2,051	3.89	823.30	30.31	206.50
Montrose	11,693	2,264	5.16	1,043.73	39.76	204.57
Morgan	18,575	1,286	14.44	1,554.88	44.74	166.13
Otero	24,243	1,259	19.26	1,320.53	35.98	126.26
Ouray	1,778	519	3.43	2,297.12	72.72	228.44
Park	2,043	2,242	0.91	4,353.99	71.98	114.72
Phillips	5,798	688	8.43	2,662.28	50.88	225.93
Pitkin	1,770	1,019	1.74	2,211.93	78.16	231.87
Prowers	14,761	1,630	9.06	1,479.01	39.44	148.68
Pueblo	66,032	2,433	27.14	1,230.58	46.93	396.67
Rio Blanco	2,979	3,223	0.92	2,039.05	54.79	282.78
Rio Grande	9,948	898	11.08	1,098.82	43.09	195.99
Routt	9,330	2,309	4.04	1,705.03	46.90	133.28
Saguache	6,214	3,133	1.98	1,840.33	46.95	152.43
San Juan	1,930	453	4.26	1,782.41	49.64	321.11
San Miguel	2,178	1,288	1.69	2,501.04	87.98	.....
Sedgwick	5,568	531	10.49	2,383.93	65.48	122.03
Summit	981	649	1.51	4,705.41	116.81	152.22
Teller	4,134	547	7.56	1,372.66	52.73	536.37
Washington	9,591	2,521	3.80	1,797.97	50.78	59.86
Weld	65,075	4,022	16.18	1,616.28	48.05	155.76
Yuma	13,612	2,367	5.75	1,840.93	45.36	128.38
State	1,035,043	103,658	9.99	\$1,533.19	\$46.60	\$300.77

LAND CLASSIFICATION BY PERCENTAGES

COUNTY	Area Acres	Patented Land Pct.	Homestead Land Pct.	National Forests Pct.	State Land Pct.	Non- Patented Land Pct.
Adams	807,680	93.61	....	....	3.52	3.52
Alamosa	465,280	69.75	10.99	6.24	10.21	27.44
Arapahoe	538,880	92.15	....	....	2.66	2.66
Archuleta*	780,800	41.40	12.53	51.94	2.28	66.75
Baca	1,633,280	93.79	0.22	....	4.28	4.50
Bent	975,360	79.58	1.19	....	14.25	15.44
Boulder	488,960	59.51	1.38	25.41	1.30	28.09
Chaffee	693,120	16.68	12.51	61.57	2.63	76.71
Cheyenne	1,137,280	94.10	0.06	....	4.54	4.60
Clear Creek	249,600	22.04	7.02	67.99	0.85	75.86
Conejos	801,280	32.41	20.18	33.75	7.45	61.38
Costilla*	758,400	100.00	....	....	....	....
Crowley	517,120	82.55	0.34	....	11.27	11.61
Custer	478,080	54.30	2.71	35.26	2.74	40.71
Delta	768,640	34.18	20.00	24.71	....	44.71
Denver	37,120	93.90	....	....	1.71	1.71
Dolores	667,520	29.28	8.43	49.20	1.37	59.00
Douglas	540,800	70.73	0.27	25.22	1.60	27.09
Eagle	1,036,800	15.69	13.20	57.23	1.69	72.12
Elbert	1,188,480	90.97	0.02	....	6.57	6.59
El Paso	1,357,440	75.05	0.20	7.41	14.08	21.69
Fremont	996,480	37.49	34.16	7.02	5.78	46.96
Garfield	1,988,480	17.03	31.33	26.24	0.00005	57.57
Gilpin*	84,480	57.89	5.87	68.06	1.47	75.40
Grand	1,194,240	25.98	8.43	45.00	5.31	58.74
Gunnison	2,034,560	17.02	22.53	55.57	0.93	79.03
Hinsdale*	621,440	3.44	17.96	80.70	1.33	99.99
Huerfano	960,000	69.02	5.36	14.54	4.75	24.65
Jackson	1,044,480	29.32	17.88	38.31	4.92	61.11
Jefferson	517,120	69.92	0.18	18.43	2.66	21.27
Kiowa	1,150,720	89.78	0.17	....	6.63	6.80
Kit Carson	1,381,760	94.78	0.04	....	4.20	4.24
Lake*	237,440	26.70	12.10	67.04	0.73	79.87
La Plata	1,184,640	38.34	12.92	31.80	1.34	46.06
Larimer	1,682,560	45.31	1.60	35.57	4.16	41.33
Las Animas	3,077,760	91.27	2.34	0.99	5.16	8.49
Lincoln	1,644,800	91.20	0.12	....	7.47	7.59
Logan	1,166,080	85.21	0.18	....	12.47	12.65
Mesa	2,024,320	23.93	38.78	28.42	0.00004	67.20
Mineral	554,240	5.50	....	93.51	0.12	93.63
Moffat	2,981,120	32.46	49.83	1.41	6.93	58.17
Montezuma	1,312,640	22.30	18.08	17.75	2.74	38.57
Montrose	1,448,960	28.45	38.32	21.60	0.01	59.93
Morgan	823,040	90.78	0.27	....	7.20	7.47
Otero	805,760	77.88	0.58	....	14.92	15.50
Ouray	332,160	49.92	6.67	38.09	0.95	45.71
Park	1,434,880	33.47	5.00	43.74	6.47	55.21
Phillips	440,320	93.15	....	....	4.12	4.12
Pitkin	652,160	14.51	2.85	75.00	0.19	78.04
Prowers	1,043,200	92.71	0.24	....	5.09	5.33
Pueblo	1,557,120	76.38	0.95	1.86	14.85	17.66
Rio Blanco	2,062,720	17.05	54.80	17.46	....	72.26
Rio Grande	574,720	39.05	13.23	40.92	2.68	56.83
Routt	1,477,760	41.60	5.36	37.72	4.74	47.82
Saguache	2,005,120	27.34	17.04	43.34	4.96	65.34
San Juan*	289,920	8.68	13.84	69.91	2.56	91.31
San Miguel	824,320	29.14	37.80	21.41	2.39	61.60
Sedgwick	339,840	89.93	0.02	....	6.63	6.65
Summit	415,360	16.94	3.43	69.35	0.15	72.93
Teller	350,080	53.99	9.70	29.84	3.03	42.57
Washington	1,613,440	92.32	0.07	....	5.66	5.73
Weld	2,574,080	89.22	0.21	....	6.86	7.07
Yuma	1,514,880	94.79	0.10	....	3.53	3.54
State.....	66,341,120	55.73	12.39	20.06	4.72	37.17

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

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

COLORADO COUNTIES AND COUNTY SEATS

COUNTY	County Seat	Railway Dist'ce from Denver, Miles	Population of County Seat	
			Census 1910	Census 1920
Adams.....	Brighton	19	850	2,715
Alamosa.....	Alamosa	251	3,013	3,171
Arapahoe.....	Littleton	10	1,373	1,636
Archuleta.....	Pagosa Springs.....	421	669	1,032
Baca.....	Springfield†	285	.....	295
Bent.....	Las Animas.....	202	2,008	2,252
Boulder.....	Boulder	30	9,539	10,006
Chaffee.....	Salida	215	4,425	4,689
Cheyenne.....	Cheyenne Wells.....	177	270	508
Clear Creek.....	Georgetown	50	950	703
Conejos.....	Conejos	281	.....	350
Costilla.....	San Luis*.....	248	.....	550
Crowley.....	Ordway	169	705	1,186
Custer.....	Silver Cliff.....	209	250	241
Delta.....	Delta	372	2,388	2,623
Denver.....	Denver .....	...	213,381	256,491
Dolores.....	Rico	443	368	326
Douglas.....	Castle Rock.....	32	365	461
Eagle.....	Eagle	329	186	358
Elbert.....	Kiowa*	46	.....	148
El Paso.....	Colorado Springs.....	75	29,078	30,105
Fremont.....	Canon City.....	160	5,162	†6,386
Garfield.....	Glenwood Springs.....	360	2,019	2,073
Gilpin.....	Central City.....	45	1,782	552
Grand.....	Hot Sulphur Springs...	86°	182	123
Gunnison.....	Gunnison	288	1,026	1,329
Hinsdale.....	Lake City	351	405	317
Huerfano.....	Walsenburg	171	2,323	3,565
Jackson.....	Walden	256	162	260
Jefferson.....	Golden	16	2,477	2,484
Kiowa.....	Eads	230	.....	406
Kit Carson.....	Burlington	167	368	991
Lake.....	Leadville	276	1,508	4,959
La Plata.....	Durango	451	4,686	4,116
Larimer.....	Fort Collins.....	68	8,210	8,755
Las Animas.....	Trinidad	212	10,204	10,906
Lincoln.....	Hugo	104	343	838
Logan.....	Sterling	123	3,044	6,415
Mesa.....	Grand Junction.....	424	7,754	8,665
Mineral.....	Creede	321	741	500
Moffat.....	Craig	232°	392	1,297
Montezuma.....	Cortez	506	565	541
Montrose.....	Montrose	351	3,254	3,581
Morgan.....	Fort Morgan.....	78	2,800	3,818
Otero.....	La Junta.....	183	4,154	4,964
Ouray.....	Ouray	387	1,644	1,165
Park.....	Fairplay	115	265	183
Phillips.....	Holyoke	173	659	1,205
Pitkin.....	Aspen	401	1,834	1,265
Prowers.....	Lamar	235	2,977	2,512
Pueblo.....	Pueblo	119	44,395	40,050
Rio Blanco.....	Meeker*	295	807	935
Rio Grande.....	Del Norte.....	283	840	1,007
Routt.....	Steamboat Springs.....	177°	1,227	1,249
Saguache.....	Saguache*	265	620	948
San Juan.....	Silverton	497	2,153	1,150
San Miguel.....	Telluride	422	1,756	1,618
Sedgwick.....	Julesburg	197	962	1,320
Summit.....	Breckenridge	110	834	796
Teller.....	Cripple Creek.....	132	6,206	2,325
Washington.....	Akron	112	647	1,041
Weld.....	Greeley	52	8,179	10,958
Yuma.....	Wray	165	1,000	1,538

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

Note—For 1930 preliminary census figures see Gazetteer in cover pocket.

NOTE—Where the columns opposite names cross will be found the shortest railroad distance in miles between these cities.

Alamosa	280	332	140	176	483	233	385	251	200	319	329	373	437	303	275	424	337	448	196	215	289	388	170	132	228	428	374	117	507	416		
Boulder	280	---	197	190	105	262	162	402	30	481	45	108	390	454	69	293	203	116	206	213	232	306	351	451	149	245	207	149	242	265	195	
Burlington	332	197	327	156	399	299	539	167	618	235	245	527	591	219	344	340	350	364	350	369	443	518	588	201	382	344	300	293	423	383		
Canon City	140	190	327	86	392	143	213	160	373	228	238	200	264	212	184	333	246	357	105	124	116	191	348	41	55	337	283	135	416	335		
Colorado Springs	176	105	156	86	307	567	297	75	276	143	153	285	349	137	188	248	161	272	108	127	201	276	346	45	140	252	198	137	331	240		
Craig	483	262	399	392	307	364	604	293	683	300	310	592	656	234	495	405	123	429	415	434	508	583	653	351	447	32	355	444	488	397		
Cripple Creek	233	162	239	143	364	---	---	132	433	200	310	332	406	184	245	305	218	329	165	184	258	333	403	102	197	309	255	194	388	297		
Delta	385	402	539	213	297	604	354	---	372	203	449	450	140	61	424	396	545	569	317	336	225	21	301	253	158	549	495	347	628	537		
Denver	251	30	167	160	75	232	132	372	---	451	68	78	360	424	52	263	173	86	197	183	292	316	421	119	216	177	123	212	256	165		
Durango	200	481	613	373	376	683	433	209	451	---	519	529	350	261	503	475	624	637	648	396	415	435	188	92	332	428	628	514	317	707	616	
Fort Collins	313	45	235	228	143	300	200	440	68	519	85	428	492	23	331	241	154	183	251	270	344	419	489	187	283	245	126	280	242	233		
Fort Morgan	329	108	245	238	153	310	210	450	78	329	85	---	---	438	502	57	841	91	164	98	261	280	354	429	499	197	293	255	41	290	261	
Glenwood Springs	437	390	527	200	285	592	342	140	360	350	428	438	89	412	384	443	557	305	324	85	162	442	241	145	537	483	335	616	525			
Grand Junction	303	69	219	121	197	284	184	424	524	503	23	57	412	476	---	315	148	138	155	235	254	328	473	171	267	229	386	162	519	428		
Greeley	275	293	344	184	158	495	245	396	263	475	331	341	384	448	315	---	436	349	400	80	61	300	375	445	142	338	350	50	385	429	178	
Holly	424	203	340	333	268	405	305	645	173	624	241	91	433	597	148	436	---	259	107	370	375	449	524	594	292	388	350	50	385	429	178	
Holyoke	337	116	253	246	161	123	218	458	86	537	154	164	446	510	138	349	259	283	269	388	362	437	507	520	301	91	209	298	342	251		
Hot Sulphur Spgs.	448	206	364	357	272	429	329	569	197	648	183	198	557	621	155	460	107	283	380	399	473	548	618	316	412	574	57	409	339	185		
Julesburg	215	232	369	124	127	434	184	386	202	415	270	280	324	507	234	61	375	283	399	19	---	240	315	385	83	179	379	825	101	458	367	
La Junta	196	213	350	105	108	415	165	317	183	396	261	261	305	369	235	80	370	269	380	---	---	---	---	---	---	---	---	---	---	---	---	
Las Animas	215	232	369	124	127	434	184	386	202	415	270	280	324	507	234	61	375	283	399	19	---	240	315	385	83	179	379	825	101	458	367	
Leadville	388	306	443	116	201	508	258	225	276	435	344	354	85	174	338	300	449	362	473	221	240	197	459	157	61	453	395	251	532	441		
Leadville	388	381	518	191	276	583	333	21	351	188	419	429	162	73	403	375	524	437	548	296	315	197	---	---	---	---	---	---	---	---	---	
Montrose	170	451	588	343	346	653	403	301	421	92	489	439	442	353	473	445	594	507	618	366	385	459	280	---	---	---	---	---	---	---	---	
Pagosa Springs	132	149	201	41	45	351	102	253	191	332	187	197	241	305	171	143	282	303	316	64	83	157	232	302	---	---	---	---	---	---	---	
Pueblo	228	245	382	55	140	447	197	158	215	128	283	293	145	209	267	440	350	1	374	360	375	435	528	598	296	392	392	300	389	433	342	
Salida	428	207	341	337	252	32	309	549	177	628	245	255	537	641	89	386	50	209	57	306	325	399	474	544	242	338	300	335	302	128		
Steamboat Springs	374	149	300	283	198	355	255	495	123	574	126	41	483	547	97	386	50	209	57	306	325	399	474	544	242	338	300	335	302	128		
Sterling	117	242	393	135	137	444	194	347	212	317	280	290	335	399	254	162	385	299	342	359	439	458	532	607	677	375	471	433	302	468		
Trinidad	507	265	423	416	381	488	338	628	256	707	242	261	616	680	204	519	429	342	359	439	458	532	607	677	375	471	433	302	468	348		
Walden	416	195	332	335	240	397	297	537	165	616	233	57	525	589	144	428	178	251	185	348	367	441	516	586	254	380	342	128	377	348	---	
Wray	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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			
Alpine Peak-----	Clear Creek	11,525			
Alps Mountain-----	Clear Creek	10,508	Dakota Hill-----	Gilpin	10,930
Anchor Mountain-----	Dolores	12,325	Del Norte Peak-----	Rio Grande	12,378
Andrews Peak-----	Grand	12,564	Democrat Mountain-----	Park-Lake	14,000
Antero, Mount-----	Chaffee	14,245	Dickenson Mountain-----	Larimer	11,874
Apache Peak-----	Boulder-Grand	12,873	Double Top Mountain-----	Gunnison	12,192
Apiatan Mountain-----	Grand	10,888			12,178
Arapahoe Peak-----	Boulder-Grand	13,506	Dump Mountain-----	Costilla	10,310
Arkansas Mountain-----	Lake	13,797	Dunraven Mountain-----	Larimer	12,548
Arrow Peak-----	San Juan	13,803			
Arthur Mountain-----	El Paso	10,805	Eagle Peak-----	Dolores	12,105
Audubon Mountain-----	Boulder	13,223	Echo Mountain-----	La Plata	13,305
Augusta Mountain-----	Gunnison	12,615	Elbert Mountain*-----	Lake	14,402
Avery Peak-----	Gunnison	12,652	Electric Peak-----	Grand	11,943
Axtel Mountain-----	Gunnison	12,013	Elephant Mountain-----	Rio Grande	11,790
			Elk Mountain-----	Mineral	11,030
Baker Mountain-----	Grand	12,406	Elk Mountain-----	Eagle-Summit	12,718
Bald Mountain-----	Boulder	11,470	Elliott Mountain-----	Dolores	12,337
Bald Mountain-----	Summit	13,964	Emerson Mountain-----	La Plata	13,147
Bald Mountain-----	Teller	12,365	Emmons Mountain-----	Gunnison	12,414
Baldy Mountain-----	Gunnison	12,809	Engineer Mountain-----	Hinsdale-Ouray-San Juan	13,190
Baldy Peak-----	Ouray	10,615	Engineer Mountain-----	San Juan	12,972
Banded Peak-----	Archuleta	12,376	Eolus Mountain-----	La Plata	14,079
Baxter Mountain-----	Costilla	10,629	Estes Cone-----	Larimer	11,017
Bear Mountain-----	San Juan	12,950	Ethel Mountain-----	Routt-Jackson	11,940
Beautiful Mountain-----	Mineral	12,746	Evans Mountain-----	Park-Lake	13,580
Beckwith Mountain-----	Gunnison	12,371	Evans Mountain-----	Clear Creek	14,260
Bellevue-----	Rio Grande	12,727	Expectation Mountain-----	Dolores	12,071
Bierstadt Mountain-----	Clear Creek	14,046			
Big Bull Mountain-----	Teller	10,826	Fairchild Mountain-----	Larimer	13,502
Big Chief Mountain-----	Teller	11,220	Fisher Mountain-----	Mineral	12,855
Bison Peak-----	Park	12,400	Fisher Mountain-----	Grand	12,880
Blackhawk Peak-----	Gilpin	10,323	Fletcher Mountain-----	Summit	13,917
Blackhawk Peak-----	Dolores	12,687	Flora Mountain-----	Clear Creek-Grand	13,122
Blanca Peak-----	Costilla-Huerfano-Alamosa	14,390	Florida Mountain-----	La Plata	13,076
			Fox Mountain-----	Mineral	11,520
Bowen Mountain-----	Grand	12,541	Freeman Peak-----	Jefferson	11,627
Bross Mountain-----	Park	14,163			
Buck Mountain-----	Routt-Jackson	11,375	Garfield Mountain-----	El Paso	10,925
Buckeye Peak-----	Lake	12,863	Garfield Mountain-----	San Juan	13,065
Buckskin Mountain-----	Costilla	10,512	Garfield Peak-----	Gunnison	12,136
Buffalo Peak-----	Summit	13,541	Gilpin Peak-----	Ouray-San Miguel	13,682
			Glacier Peak-----	Summit	12,654
Calico Peak-----	Dolores	12,035	Gothic Mountain-----	Gunnison	12,646
Cameron Cone-----	El Paso	10,705	Grant Peak-----	San Juan-San Miguel	13,692
Cameron Mountain-----	Park	14,233	Gray Head-----	San Miguel	10,994
Capitol Mountain-----	Pitkin	13,997	Grayback Mountain-----	Costilla	10,575
Cascade Mountain-----	Gunnison	11,707	Grayrock Peak-----	San Juan	12,488
Cascade Mountain-----	Grand	14,250	Grays Peak-----	Clear Creek-Summit	14,274
Castle Peak-----	Gunnison-Pitkin	14,329	Graystone Peak-----	San Juan	13,489
Cement Mountain-----	Gunnison	12,212	Greenhorn Mountain-----	Huerfano-Pueblo	12,334
Chama Peak-----	Archuleta	12,027	Green Mountain-----	Jefferson	10,530
Chapin Mountain-----	Larimer	13,052	Greylock Mountain-----	La Plata	13,571
Chicago Peak-----	Huerfano-Costilla	10,960	Grizzly Mountain-----	Pitkin-Chaffee	14,020
Chief Mountain-----	Clear Creek	11,710	Grizzly Peak-----	La Plata	13,995
Chimney Peak-----	Hinsdale-Ouray	11,785	Grizzly Peak-----	Dolores-San Juan	13,738
Chiquita Mountain-----	Larimer	12,458			
Cinnamon Mountain-----	Gunnison	12,270	Hague Peak-----	Larimer	13,562
Cirrus Mountain-----	Grand	12,804	Hale Mountain-----	Grand	11,747
Clarence King Mountain-----	Boulder	13,176	Hallet Peak-----	Grand-Larimer	12,723
Clover Mountain-----	Chaffee	13,000	Handies Peak-----	Hinsdale	14,008
Colorado Mountain-----	Gilpin	10,884	Harvard, Mount-----	Chaffee	14,375
Columbia Peak-----	Clear Creek	14,030	Helmet Peak-----	Montezuma	11,976
Comanche Peak-----	Boulder	13,491	Hermosa Mountain-----	Dolores-San Juan	12,574
Cone Mountain-----	Clear Creek	12,230	Hesperus Peak-----	Montezuma	13,225
Conejos Peak-----	Conejos	13,180	Holy Cross Mountain-----	Eagle	13,978
Copper Mountain-----	Summit	12,475	Homestake Peak-----	Eagle	13,217
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	13,523
Lillie	Larimer	11,334
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
Meadow Mountain	Boulder	11,634
Meeker Mountain	Boulder	13,911
Metroz Mountain	Mineral	11,900
Mineral Hill	Summit	10,885
Mineral Point	Gunnison	12,541
Missouri Hill	Chaffee	12,700
Monitor Peak	La Plata	13,703
Monument Hill	La Plata	10,830
Monument Peak	Mineral	10,641
Mosquito Peak	Park-Lake	13,784
Mummy Mountain	Larimer	13,413
Naki Peak	Grand	12,221
Navajo Peak	Boulder-Grand	13,406
Nebo Mountain	San Juan	13,192
Nebraska Hill	Gilpin	11,548
Nigger Hill	Summit	10,171
Nimbus Mountain	Grand	12,730
Nipple Mountain	Fremont	10,068
North Italian Mtn.	Gunnison	13,225
North Maroon	Pitkin	14,000

Name	County	Elevation, Feet
Oregon Hill	Gilpin	10,884
Orton Mountain	Boulder	11,662
Oso Mountain	La Plata	13,706
Otis Peak	Grand-Larimer	12,473
Ouray, Mount	Chaffee	13,956
Overlook Point	La Plata	12,995
Owen Mountain	Gunnison	13,102
Park Mountain	Costilla	10,396
Parrot Peak	La Plata	11,876
Parry Peak	Clear Creek- Grand	13,345
Pearl Mountain	Gunnison	13,484
Peeler Peak	Gunnison	12,219
Pigeon Peak	La Plata	13,961
Pikes Peak	El Paso	14,110
Pilot Knob	San Juan-San 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
Potato Hill	San Juan	11,876
Potosi Peak	Oouray	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
Schuyllkill 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	Oouray	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	12,482
Star Peak	Gunnison	13,562
Stearns Mountain	Huerfano-Costilla	11,409
Stewart Peak	Saguache	14,032
Stoll Mountain	Park	10,915

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

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

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

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

Wasatch Mountain	San Miguel	13,551
West Needle Mountain	San Juan	13,050
Wetterhorn Peak	Hinsdale-Ouray	14,020
Wheatstone Mountain	Gunnison	12,543
Whitcross Mountain	Hinsdale	13,550
White Dome	San Juan	13,607
Whitehouse Mountain	Ouray	13,496
White Pine Mountain	Larimer	10,250
White Rock Mountain	Gunnison	13,532
Wildhorse Peak	Ouray	13,271
Wilson Mountain	Dolores	14,250
Wilson Peak	San Miguel	14,026
Windom Mountain	La Plata	14,084
Witter Peak	Clear Creek	12,356

Yale, Mount.	Chaffee	14,187
Ypsilon Mountain	Larimer	13,507
Zirkel Mountain	Jackson-Routt	11,815

Lakes and Reservoirs

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

Bradford	Huerfano	5,850
Black Hollow Res.	Weld	5,065
Bee	Larimer	5,175
Boiles	Boulder	5,040
Boedecker	Larimer	5,075
Bison Res.	Teller	10,400
Blue	Conejos	11,937
Burch's	Boulder	5,145
Beasley Res.	Boulder	5,195
Boulder	Boulder	5,223
Boyd Lakes	Larimer	4,960
Bent County Res.	Bent	4,300
Barr	Adams	---
Badrer Res.	Morgan	---
Big Creek Lakes	Jackson	9,010
Boetcher	Jackson	8,160
Breman	Gunnison	10,325
Balsam	San Juan	11,435
Big Nile	Adams	---

Clear	Clear Creek	9,870
Chicago	Clear Creek	11,350
Crater	Jefferson	8,877
Chinn	Clear Creek	11,020
Chasm	Boulder	11,800
Caroline	Clear Creek	11,853
Castlewood Res.	Douglas	6,475
Calkins	Weld	4,975
Curtis	Larimer	5,030
Cheesman	Jefferson	6,856
Clear Lake	San Juan	11,875

Devils	Hinsdale	11,968
Duck	Clear Creek	11,070
Diamond	Boulder	10,960
Dorothy	Boulder	12,050
Douglas	Larimer	5,200
Demmel	Larimer	5,250
Dead	Teller	10,900
Dye Res.	Otero	4,150

Name	County	Altitude
Emerald	Hinsdale	10,020
Eldora	Boulder	9,245
Edith	Clear Creek	10,117
Eileen	La Plata	8,924
Erdman	Pueblo	4,610
Empire Res.	Morgan-Weld	---

Fossil Creek Res.	Larimer	4,890
Fountain Valley Res.	El Paso	5,800
Grand	Grand	8,369
Gold	Boulder	8,600
Gerard Res.	Prowers	4,050
George	Park	6,915

Hoffman	Boulder	5,120
Hazel	San Juan	11,420
Hazel	La Plata	12,420
Head	Alamosa	7,527
Hermit Lakes	Hinsdale	9,975
Horse Creek Res.	Bent-Otero	4,950
Hungerford	Pueblo	4,520
Huerfano	Pueblo	4,725
Hayden Res.	Pueblo	---

Ice	Clear Creek	12,183
Ignacio Res.	La Plata	8,375
Isabelle	Boulder	10,852
Irish	Larimer-Boulder	5,090

Jasper	Boulder	10,733
Julesburg Res.	Sedgwick-Logan	---
Jackson	Morgan	---
Jim Crowe Res.	Weld	---

King Res.	Kiowa-Prowers	3,860
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Lost	Boulder	9,980
Lower Crater	Gilpin	10,580
Los Lagos	Boulder-Gilpin	8,930
Loch Lomond	Clear Creek	11,140
Lena	Routt	9,930
Lorland	Larimer	5,022
Loch Ivanho	Pitkin	10,930
Long	Boulder	10,499

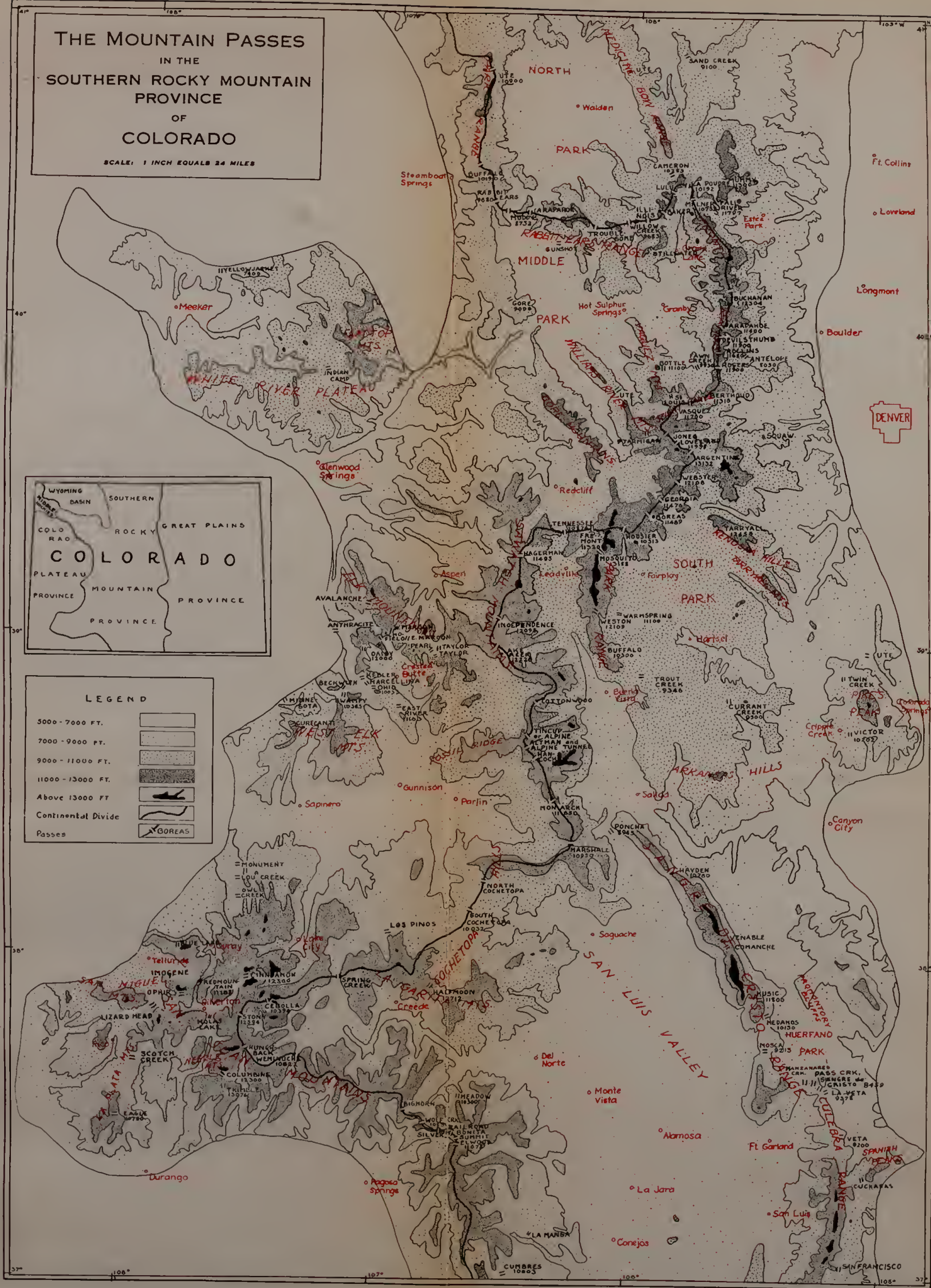
THE MOUNTAIN PASSES IN THE SOUTHERN ROCKY MOUNTAIN PROVINCE OF COLORADO

SCALE: 1 INCH EQUALS 24 MILES



LEGEND

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



Name	County	Altitude	Name	County	Altitude
McIntosh	Boulder	5,060	Shaw	Mineral	9,830
Moraine	El Paso	10,215	Spruce Lakes	Mineral	11,263
Monarch	Grand	8,340	Silver	San Juan	11,675
Mills	Larimer	11,496	Seeley	Weld	4,175
Maroon	Pitkin	9,700	San Cristobal	Hinsdale	8,997
Molas	San Juan	10,488	Santa Maria	Mineral	9,475
Margaretta	Routt	10,450	San Luis	Alamosa	7,525
Milton	Weld	---	Strawberry	Grand	8,340
Middle Plum Res.	Prowers	4,100	Summit	Clear Creek	12,740
Meredith	Crowley	4,308	Slater	Clear Creek	11,385
Minnequa	Pueblo	4,740	Silver	Boulder	10,190
			Swedes	Boulder	5,095
Naylor	Clear Creek	11,348	Snowden	Otero	4,820
New Windsor Res.	Weld	4,920	Seven Lakes	Teller	10,900
North Plum Res.	Prowers	4,100	Sanchez Res.	Costilla	8,500
North Butte Res.	Prowers	4,200	Stanley Res.	Jefferson	---
Nee Noshee Res. No. 3	Kiowa	3,870	Twin Lakes	Lake	9,012
Nee Sopla Res. No. 5	Kiowa	3,860	Trout	San Miguel	9,750
Nee Gronda Res. No. 4	Kiowa	3,840	Terry	Larimer	5,095
Nee Skah Res.	Kiowa	3,885	Timnath	Weld	4,900
			Two Buttes Res.	Baca-Prowers	4,230
Owens	Boulder	5,220	Turkey Creek Res.	Pueblo	5,580
Otanawanda	Ouray	8,900	Thatcher	Pueblo-El Paso	5,395
Palmer	Douglas	9,210			
Peterson	Boulder	9,245	Upper Crater	Gilpin	10,997
Point of Rocks Res.	Logan	3,800	Upper Nile	Adams	---
Price Res.	Prowers	3,850			
Prewitt Res.	Logan	3,900	Wellington	Jefferson	9,863
Pisgah	Gilpin	9,656	Warren	Larimer	4,955
Powderhorn	Hinsdale	11,830	Woods	Weld	4,860
			Woods	Eagle	9,405
Res. No. 2	El Paso	11,270	Webster Park Res.	Fremont	5,950
Res. No. 4	Teller	10,900	Williams-McCreery	Morgan	---
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			

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

Colorado's Mountain Passes

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

"Summit" and "divide" are not as widely employed in this state as is "pass" because, although the terms are broadly similar, their meanings are in many respects quite distinct. For example, "summit" and "divide"

are not used at the crossing places of stream divides of the first magnitude, i. e., the Continental Divide, nor in the loftier mountain ranges such as the Sangre de Cristo, the Medicine Bows and the Elk mountains, which separate major streams of the eastern and western slopes. Moreover, these terms are largely employed at the places where railroads, rather than roads, at some time or other have crossed high divides.

The passes are, therefore, at considerable elevations and are confined generally to the more formidable mountain ranges which comprise the vast mountain empire of Colorado. Passes are identified by having a lower elevation than the crests of the ranges with which they are associated, and represent the easiest or most feasible ways over mountain ranges. Very important in this connection is the character of the valley approaches to the mountain depression from either side. Low elevations in the mountains may be of little or no service

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

As a result of this association, the majority of the passes bear the name of either one of the approaching streams; other names of passes are derived from surrounding physical features, such as mountains, and still others bear the name of some prominent figure in Colorado history. There are a large number of depressions in the mountain ranges which have never become passes because it has never been found feasible or necessary to construct routes over them.

There are 136 passes in Colorado, a number bearing eloquent testimony to the barrier-like effect of the Rockies, most of whose numerous mountain members have a north-south alignment—athwart the main lines of travel in western United States. Fifty-one of these passes have the distinction of being Continental Divide passes, but of this number only fourteen have any considerable present-day use, even during the summer season. In the winter time only Tennessee and Cochetopa passes are serviceable for automotive traffic. Berthoud pass is by all odds the most intensively used automobile highway, although it closes in December. Tennessee pass, with its trans-continental railway (the Denver and

Rio Grande Western) as well as year-round automobile traffic, also deserves a high position among the state's renowned passes. Argentine pass is the state's highest pass, but Independence pass is the highest automobile highway pass in use today. Fall River pass is also an important pass at a high elevation, but this pass is not on the Continental Divide, though frequently confused with Milner pass, near it on the Divide. The lowest Continental Divide pass is Muddy pass in the Rabbit Ears range.

Four tables published herewith present in summary form the more significant information relating to the passes of Colorado. Although probably not complete and perhaps incorrect in some details, the list represents the results of field, map and documentary study extending over a considerable period of time. In the accompanying tables, the passes are arranged when possible according to their position, each list starting with the pass farthest north in the state and in the individual mountain ranges.

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.

PASSES IN COLORADO NOT LISTED IN ACCOMPANYING TABLES

Note—Passes on eastern slope in black-faced type and those on western slope in light-faced type

Ranges and Names of Passes	County	Elevation in Feet	Earliest Known Use	Character of Present Use
Baxter	Garfield	9,500*	---	Trail
Columbine	Montrose	8,500*	1884	Road
Current Creek	Park	8,000*	1877	Road
Indian Camp	Garfield	9,000*	---	Trail
McClure	Delta	9,500*	---	Trail
Raton	Las Animas	8,560	1846	Highway and Railroad
San Francisco (Two passes)	Las Animas	8,600*	---	Trails
Skull Creek	Moffat	8,700*	---	Road
Twin Creek	Teller	8,200*	---	Road
Ute	Teller	7,600*	Before 1800	Road
Victor	Teller	10,202	---	Railroad
Yellowjacket	La Plata	8,000*	1915	Trail
Yellowjacket	Rio Blanco	7,400*	1877	Road
Yellowjacket	Routt	7,500*	---	Road

* Approximate elevation in feet.

CONTINENTAL DIVIDE PASSES IN COLORADO

Ranges and Names of Passes	Counties	Elevation in Feet	Earliest Known Use	Character of Present Use
PARK-RABBIT EARS RANGES:				
Ute.....	Routt-Jackson.....	11,100*	1875	Trail
Buffalo.....	Routt-Jackson.....	10,180	1865	Trail
Rabbit Ears.....	Jackson-Routt-Grand.....	9,680	1895	Highway
Muddy.....	Jackson-Grand.....	8,772	1875	Highway
Arapahoe.....	Jackson-Grand.....	-----	1870	Trail
Troublesome.....	Jackson-Grand.....	10,000*	---	Trail
Willow Creek.....	Jackson-Grand.....	9,683	1878	Highway
Illinois.....	Jackson-Grand.....	10,000*	---	Trail
Baker.....	Jackson-Grand.....	11,300*	---	Trail
Lulu.....	Jackson-Grand.....	11,400*	1905	Trail
FRONT RANGE:				
La Poudre.....	Grand-Larimer.....	10,193	1900	Trail and Irrigation Ditch
Milner.....	Grand-Larimer.....	10,759	1900	Highway
Buchanan.....	Boulder-Grand.....	12,304	1902	Trail
Arapahoe.....	Boulder-Grand.....	11,906	1900	Trail
Devil's Thumb.....	Boulder-Grand.....	11,900	-----	Trail
Rollins.....	Boulder-Grand.....	11,680	1860	Trail and Railroad
Rogers.....	Gilpin-Grand.....	11,900*	1902	Trail
Berthoud.....	Clear Creek-Grand.....	11,315	1861	Highway
Vasquez.....	Clear Creek-Grand.....	11,850*	1862	Trail
Jones.....	Clear Creek-Grand.....	12,453	1860	Trail
Loveland.....	Clear Creek-Summit.....	11,992	1888	Projected Highway
Argentine.....	Clear Creek-Summit.....	13,132	1872	Trail
Webster.....	Park-Summit.....	12,102	1900	Trail
Georgia.....	Park-Summit.....	11,476	1860	Abandoned Road
Boreas.....	Park-Summit.....	11,489	1888	Railroad and Abandoned Road
Hoosier.....	Park-Summit.....	11,542	1860	Highway
Fremont.....	Lake-Summit.....	11,320	1888	Railroad and Highway
Tennessee.....	Lake-Eagle.....	10,424	1873	Railroad and Highway
SAWATCH MOUNTAINS:				
Hagerman.....	Lake-Pitkin.....	11,495	1878	Highway in old R. R. Tunnel
Independence or Hunter.....	Lake-Pitkin.....	12,095	1879	Highway
Lake Creek.....	Chaffee-Gunnison.....	12,226	1872	Trail
Cottonwood.....	Chaffee-Gunnison.....	12,000*	1887	Trail
Tin Cup.....	Chaffee-Gunnison.....	12,000*	1880	Trail
Altman or Alpine Tun.....	Chaffee-Gunnison.....	11,606	1888	Abandoned Railroad Tunnel
Hancock.....	Chaffee-Gunnison.....	12,263	1888	Trail
Monarch.....	Chaffee-Gunnison.....	11,650	1880	Highway
Marshall.....	Saguache.....	10,950	1877	Railroad
COCHETOPA HILLS:				
North Cochetopa.....	Saguache.....	10,000*	1880	Trail
South Cochetopa or Cochetopa.....	Saguache.....	10,032	1820	Highway
SAN JUAN GROUP:				
Spring Creek.....	Hinsdale.....	11,025	1878	Road
Cebolla.....	Hinsdale.....	10,394	---	Trail
Stony.....	San Juan.....	12,594	1878	Trail
Hunchback.....	San Juan.....	12,487	1880	Trail
Weminuche.....	Hinsdale.....	10,622	---	Trail
Bighorn.....	Mineral.....	12,000*	---	Trail
Wolf Creek.....	Mineral-Archuleta.....	10,850	1888	Highway
Railroad.....	Mineral.....	12,000*	---	Trail
Silver.....	Mineral.....	12,000*	---	Trail
Bonita.....	Rio Grande-Mineral.....	12,000*	---	Trail
Summit.....	Rio Grande.....	12,000*	---	Trail
Elwood.....	Rio Grande.....	12,000*	---	Trail

* Approximate elevation in feet.

PASSES OTHER THAN CONTINENTAL DIVIDE PASSES IN THE MOUNTAIN RANGES (OR THEIR SPURS) FORMING THE CONTINENTAL DIVIDE

Note—Passes on eastern slope in black-faced type and those on western slope in light face

Ranges and Names of Passes	Counties	Elevation in Feet	Earliest Known Use	Character of Present Use
PARK-RABBIT EARS RANGES:				
Gunshot.....	Grand.....	9,500*	---	Trail
Stillwater.....	Grand.....	10,000*	---	Trail
Gore.....	Grand.....	9,000*	---	Highway
FRONT RANGE:				
Mummy.....	Larimer.....	11,700*	---	Trail
Fall River.....	Larimer.....	11,797	---	Highway
Antelope.....	Gilpin.....	8,050	1900	Railroad
Squaw.....	Clear Creek.....	9,807	---	Highway
Tarryall.....	Park.....	12,456	---	Road
Fawn Creek.....	Grand.....	9,430	---	Railroad
Bottle.....	Grand.....	10,850*	---	Trail
Ute.....	Grand.....	9,800*	1880	Trail
St. Louis.....	Grand.....	11,500*	---	Trail
Ptarmigan.....	Grand.....	11,000*	---	Trail
COCHETOPA HILLS:				
Halfmoon.....	Saguache.....	12,712	---	Trail
Los Pinos.....	Saguache.....	10,500*	---	Highway
SAN JUAN GROUP:				
Meadow.....	Rio Grande.....	10,300	---	Trail
La Manga.....	Conejos.....	10,000*	---	Highway
Cumbres.....	Conejos.....	10,003	1881	Highway
Monument.....	Gunnison.....	11,000*	---	Trail
Lou Creek.....	Gunnison-Ouray.....	11,260	1912	Trail
Owl Creek.....	Gunnison-Ouray.....	11,120	1919	Trail
Blue Lake.....	Ouray.....	11,000*	1917	Trail
Cinnamon.....	Hinsdale-San Juan.....	12,300	1878	Abandoned Road
Red Mountain.....	Ouray-San Juan.....	11,018	1881	Highway
Ophir.....	San Juan-San Miguel.....	11,350	1888	Trail
Lizard Head.....	Dolores-San Miguel.....	10,000*	---	Railroad and Highway
Molas Lake.....	San Juan.....	10,000*	---	Highway
Scotch Creek.....	Dolores-San Miguel.....	10,500*	---	Abandoned Road
Imogene.....	Ouray-San Miguel.....	13,116	---	Trail
Columbine.....	La Plata.....	12,600*	1902	Trail
Trimble.....	La Plata.....	13,076	1902	Trail
Eagle.....	La Plata.....	10,750	1900	Trail

* Approximate elevation in feet.

PASSES IN THE MAJOR MOUNTAIN RANGES NOT FORMING THE CONTINENTAL DIVIDE

Note—Passes on the crests of the ranges are in black-faced type and those on the slopes or associated spurs in light-faced type

Ranges and Names of Passes	Counties	Elevation in Feet	Earliest Known Use	Character of Present Use
MEDICINE BOW RANGE:				
Ute-----	Larimer-Jackson-----	10,500*	1878	Trail
Cameron-----	Larimer-Jackson-----	10,285	1878	Highway
Sand Creek-----	Larimer-----	9,000*	---	Passable Road
PARK-MOSQUITO RANGE:				
Mosquito-----	Park-Lake-----	13,188	1875	Abandoned Road
Weston-----	Park-Lake-----	12,109	1875	Abandoned Road
Buffalo-----	Park-Lake-----	11,500*	1870	Trail
Trout Creek-----	Park-Chaffee-----	9,346	1875	Highway
Warmspring-----	Park-----	---	1910	Trail
ELK-WEST ELK RANGES:				
Anthracite-----	Gunnison-----	9,100*	1916	Trail
Avalanche-----	Pitkin-----	10,000*	1926	Trail
Taylor-----	Gunnison-Pitkin-----	12,400*	1882	Trail
Pearl-----	Gunnison-Pitkin-----	12,715*	1890	Trail
E. Maroon-----	Gunnison-Pitkin-----	12,200*	---	Trail
W. Maroon-----	Gunnison-Pitkin-----	12,400*	---	Trail
Schofield-----	Gunnison-----	10,000*	1885	Road
Daisy-----	Gunnison-----	11,200*	1910	Trail
Kebler-----	Gunnison-----	10,000*	---	Road
Marcellina-----	Gunnison-----	10,400*	---	Road
Ohio-----	Gunnison-----	10,033	1900	Trail
Swampy-----	Gunnison-----	10,365	1900	Trail
Taylor-----	Gunnison-----	12,500*	---	Trail
East River-----	Gunnison-----	11,163	1880	Road
Beckwith-----	Gunnison-----	9,890	1900	Trail
Minnesota-----	Gunnison-----	10,000*	---	Trail
Curecanti-----	Gunnison-----	10,000*	---	Trail
SANGRE DE CRISTO-CULEBRA RANGES:				
Poncha-----	Chaffee-Saguache-----	8,945	Before 1800	Highway
Hayden-----	Fremont-Saguache-----	10,780	1878	Trail
Venable-----	Custer-Saguache-----	10,500*	---	Trail
Comanche-----	Custer-Saguache-----	10,500*	---	Trail
Music-----	Huerfano-Saguache-----	11,800	1878	Trail
Medano-----	Huerfano-Saguache-----	10,150	1850	Trail
Mosca-----	Huerfano-Saguache-----	9,713	1850	{ Road East Side Trail West Side
Pass Creek-----	Huerfano-----	9,200*	1850	Road
Sangre de Cristo-----	Costilla-----	9,459	Before 1800	Abandoned Road
La Veta-----	Costilla-----	9,378	1877	Highway
Veta-----	Costilla-----	9,100*	1880	Railroad
Manzanares Creek-----	Huerfano-Costilla-----	9,000*	1880	{ Trail North Side Road South Side
Cucharas-----	Las Animas-Huerfano-----	8,500*	1877	Road
San Francisco-----	Las Animas-----	8,560	---	Trail

* Approximate elevation in feet.

Homestead Lands

THE United States government had 8,218,875 acres of unappropriated and unreserved land within the boundaries of Colorado on July 1, 1929, subject to entry under homestead and other public land laws. Of that area, 7,082,181 acres was surveyed and 1,136,694 acres unsurveyed. Total area of unreserved public land was 501,654 acres greater than on the same date in 1928, the increase being due to forfeitures, restoration of areas that had been withdrawn for surveying, or classification, and to substantial errors found in some of the western district land offices during the year.

Exclusive of this vacant land, there was 2,069,152 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 1925. 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 vari-

ous 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. Public and Indian lands entered in the fiscal year ending June 30, for the past seven 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

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, 1929, 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:		
Boulder	6,360	6,760
Chaffee	85,600	85,600
Clear Creek	5,920	17,520
Delta	152,130	153,730
Dolores	28,170	28,170
Douglas	1,480	1,480
Eagle	134,846	136,846
Elbert	120	120
Fremont	28,920	28,920
Garfield	470,190	622,960
Gilpin	1,480	4,960
Grand	100,620	100,620
Gunnison	374,040	458,480
Hinsdale	86,340	102,340

Land District and County	Area in Acres	
	Surveyed	Total
Denver:		
Jackson	186,745	186,745
Jefferson	920	920
Lake	15,920	28,720
Larimer	26,965	26,965
Logan	2,080	2,080
Mesa	630,668	784,958
Moffat	1,264,150	1,485,550
Montrose	495,550	555,270
Morgan	2,200	2,200
Ouray	22,140	22,140
Park	60,280	71,800
Pitkin	14,560	18,560
Rio Blanco	882,653	1,130,400
Routt	77,440	79,140
Saguache	92,160	92,160
San Miguel	265,850	311,590
Sedgwick	80	80
Summit	14,240	14,240
Teller	1,520	1,520
Washington	1,200	1,200
Weld	5,400	5,400
Yuma	1,560	1,560
Total	5,540,497	6,571,704

Pueblo:		
Alamosa	51,116	51,116
Archuleta	90,201	97,801
Baca	3,596	3,596
Bent	11,648	11,648
Chaffee	1,121	1,121
Cheyenne	685	685
Conejos	161,691	161,691
Crowley	1,781	1,781
Custer	12,937	12,937
Dolores	21,698	28,098
Elbert	160	160
El Paso	2,746	2,746
Fremont	311,450	311,450
Hinsdale	9,300	9,300
Huerfano	51,417	51,417
Kiowa	1,970	1,970
Kit Carson	567	567
La Plata	142,195	153,075
Las Animas	72,128	72,128
Lincoln	2,007	2,007
Montezuma	220,670	237,347
Otero	4,706	4,706
Prowers	2,459	2,459
Pueblo	14,780	14,780
Rio Grande	76,016	76,016
Saguache	249,499	249,499
San Juan	54,630	54,630
Teller	32,440	32,440
Total	1,541,684	1,647,171
State total	7,082,181	8,218,875

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, 1928, including all classes of grants, was as follows:

	Acres
Original grants.....	4,487,349
State land sold.....	1,355,377
Net remaining.....	3,131,972

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, 1928.

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

	Acres
Agriculture and grazing.....	2,462,422
Mineral	782
Clays, limestone, etc.....	3,694
Oil and gas.....	207,854
Coal	17,814

Revenues in the form of rentals and royalties from these leases for the period December 1, 1926, to November 30, 1928, were as follows:

Agriculture and grazing.....	\$642,024
Mineral	1,266
Clays, limestone, etc.....	10,178
Oil and gas.....	38,608
Coal	188,723

Total\$880,799

Cash receipts from all sources for the biennial period, including above, were \$1,912,417.

Sales of state land for the biennial period ending November 30, 1928, were as follows:

Acres sold.....	25,513
Purchase price.....	\$391,104
Average per acre.....	\$15.33

The terms of the grants from the government provide that funds derived from the sale of lands shall go into permanent funds and only the interest and the revenues derived from the administration of the unsold

lands 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, 1928, were as follows:

Public school.....	\$ 9,578,973
Internal improvement.....	58
Agricultural college.....	412,652
University	87,741
Penitentiary	10,250
Public building.....	9,779
Saline	823

Total\$10,100,276

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, 1928, these transactions were as follows:

Reported by treasurer.....	\$1,672,690
Deducted for teachers' minimum salaries.....	345,484
Total apportionment.....	1,327,412
Deducted for blanks.....	30,986
Distributed to counties.....	1,296,445

On November 30, 1928, the amounts in the income funds were as follows:

Public school.....	\$309,667
Internal improvement.....	193
Agricultural college.....	15,806
University	1,160
Public building.....	9,779
Saline	13,049
Penitentiary	16,625

Total\$366,279

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 3,131,972 acres of state land in Colorado, approximately 473,692 acres is coal land, according to esti-

mates 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	
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 STATE LAND GRANTS, 1928

GRANT	Acres original grant	Acres sold	Net acres remaining	Acres under lease*
School.....	3,753,813	866,165	2,887,648	2,273,720
Agricultural college.....	89,991	56,689	33,302	28,188
Internal improvement.....	499,790	333,616	161,174	732,487
Penitentiary.....	31,985	22,418	9,567	7,129
Public building.....	31,905	27,191	4,714	4,078
Saline.....	13,830	5,371	13,459	13,603
Reformatory.....	520	-----	520	-----
University.....	45,844	36,673	9,171	3,226
General fund.....	14,671	2,253	12,417	-----
Total.....	4,487,349	1,355,376	3,131,972	3,062,422

* 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 topo-

graphic and watershed features. There are fourteen forests wholly in the state, and one other, the La Sal, which lies partially within its boundaries. The Leadville forest was discontinued as an administrative unit on June 30, 1929, and was added to the Arapaho, Cochetopa, and Pike forests. The forests average a little less than 1,000,000 acres each in area, or in all, 13,309,549 acres.

These forests, together with four

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

As far as possible, these timber lands are handled as local industries. Although they are a part of an 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 159,750,520 acres of national forest land in the United States. The first "reserve" was created by President Harrison in 1891 in Wyoming, and was known as the Yellowstone Park timberland reserve. This and all others set aside until 1907 were known as "reserves." Beginning in that year, however, they were all designated officially as national forests, in which timber was to be grown and utilized, instead of reserved. This was an important step in the development of the present system. The accompanying table gives the name of each national forest wholly or partly in this state, and the headquarters of the supervisor.

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

*Lies principally in Utah.

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

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

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

The national forests were created primarily for the production of timber and the protection of the watersheds which supply municipalities and irrigation enterprises with their liquid gold. There are other important uses, such as grazing and recreation, which must be co-ordinated with the growing of timber in such a way that each will occupy its proper place.

Timber—The timber within the national forests of Colorado is estimated at 22,160,689,000 board feet. The annual growth which these forests are capable of producing is from 400,000,000 to 500,000,000 board feet, or in volume more than the timber demand of Colorado's present population.

The annual cut of timber from these national forests varies from sixty to seventy million board feet. In 1929 it amounted to 64,132,000. The size of the sales through which this timber is disposed of varies from a few thousand board feet to over 200,000,000, most of them involving less than \$500 worth of timber. The average price paid is \$2.80 per thousand feet, which in 1929 produced a revenue of \$179,529.29.

Sawtimber makes up over half of the annual cut, amounting in 1929 to 34,449,000 board feet. Other products, in the order of their importance, are railroad ties, mine props, and timbers, telephone poles, posts and cordwood.

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

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

At present, Englemann spruce, of which there are over 13,000,000,000 board feet in the national forests of Colorado, is receiving consideration by paper manufacturers as a raw material for pulp. The forest service has recently offered for sale two units aggregating over 2,000,000 cords of spruce and fir pulpwood in Colorado.

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 timber land 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 productiveness as forest land only through artificial reforestation.

Most of the destruction by fire occurred before 1905. During the past twenty-two years, for which records have been kept, the total area burned over is equal to only a little over one-fourth of one per cent of the total national forest area in the state, or 31,390 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 which has occurred since 1908.

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 of 1929, 1,166 acres of denuded land were planted in Colorado. Funds are being appropriated for an additional project of 1,000 acres annually on the Denver watershed. Increased nursery production is now being provided to supply planting stock for this increased acreage each year, beginning in 1932. Of all the acreage planted to date in Colorado, about 86 per cent supports a stand of 250 trees or more per acre, which is considered the minimum stocking of a successful plantation. During ordinary seasons, large survivals are secured in planting trees and the work can be done quite effectively in the rockiest country at a cost which is not unreasonable in view of the difficulties encountered.

Most of the reforestation in the national forests has been on burned-over watersheds of municipalities, such as those of Colorado Springs, Denver, Trinidad, Salida and Fruita. The irrigation interests and investments are so great that planting should be started on the watersheds of the streams which furnish water for our largest irrigation projects.

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 10,000,000 acres of the 13,309,549 net acreage in the national forests of Colorado are used for summer pasturage by about 25 per cent of the cattle and 40 per cent of the sheep owned in the state. During 1929 there were permitted under "paid" permit in the national forests of the state 281,585 cattle and horses and 1,087,744 sheep and goats.

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 as a rule. The average grazing season for cattle and horses is about five months.

Grazing Fees—A certain fee per head per month, or a per capita charge, is made for grazing permits. Up to and including 1927, the fees were based on a flat annual rate, regardless of variations in character of individual ranges. An intensive appraisal was conducted which resulted in the revision of fees, being 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. When fully effective the average fee for cattle in Colorado will be about 17 cents per head per month and for sheep five and one-half cents per month. No charge is made for the natural increase, and stock under six months of age goes in with the parent stock.

Larkspur Eradication—Certain poisonous plants on the range kill stock, but it has been found that about 90 per cent of this loss in cattle can be prevented by digging or grubbing the principal poisonous plant, 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 1929 is indicated in the following figures:

Acres of poisonous plants in Colorado needing eradication work	74,073
Acres of poisonous plants in Colorado eradicated up to close of 1929	11,036
Total cost to the government up to and including 1929	\$33,499

Range Improvements—The construction of range improvements that are at present in use on the national forests of Colorado consisted of the following at the close of 1929:

	Miles or No.	Value
Fences	585	\$89,371
Corrals	53	4,010
Stock driveways	1,192	44,333
Stock bridges	10	2,831
Water developments (including springs)	223	8,092

Game—Game animals are always interesting and the forest service game census for 1929 shows there are in the national forests of the state approximately 10,286 elk, 3,374 mountain sheep, 110 antelope, 50 Arizona deer, 33,265 mule deer, 2,641 black or brown bear and 13 vertip bear.

Approximately 3,532,500 fish fry were planted by the forest officers in the state in 1929.

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

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

the scenic mountain areas and in fishing. Hence, the importance of the national forests for recreation is increasing annually.

In 1929, 2,370,000 people used the national forests of the state for recreation. Of these, 204,000 were hotel, resort and summer home guests, about the same number were campers, 311,000 were picnickers who drove out from the towns and cities for one-day outings. The remainder were transients, passing through the forests over the main highways enroute to distant points or driving over one of the numerous scenic routes for which the Colorado mountains are noted.

Plans have been prepared for the development of the most desirable and largely used recreational areas in the national forests. In these plans recreation is co-ordinated with other forest activities and one form of recreation with another. Public needs, such as campgrounds, are first provided for, after which sites are selected for hotels, resorts, organizational uses and summer homes. The latter is the lowest in order of priority because it is a restricted use, but after providing for the public, there is ample space for all summer home applicants.

There are 74 hotels and resorts and 488 summer home residences 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 a cabin 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.

Land Exchange—There are 1,464,557 acres of privately owned land within the exterior boundaries of the Colorado national forests which were acquired under the various land laws. Much of this is permanently adapted to the production of timber and is no longer desired by the owner; in some cases because it was taken up for the merchantable timber which has now been removed; 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; some not at all. Often a single owner has acquired a number of widely separated tracts. On March 20, 1922, the President approved the land exchange act, which authorizes in general language the exchange of private lands for government lands in the national forests, or authorizes

the exchange of private lands for timber of equivalent value. This makes it possible for private owners to consolidate their holdings and to exchange timber producing land for land of greater value for grazing, and at the same time permits the government to consolidate its holdings in more compact bodies of timber land, which will be easier of administration and less expensive to protect. Since 1922, 52,026 acres of privately owned timber producing lands have been acquired in the national forests of the state in exchange for 14,620 acres and 48,468,000 feet of timber selected by private land owners with whom the exchanges were consummated.

Fire Control—During 1929 a total of 134 fires occurred on or threatened the national forests in the state, 79 of which covered only one-fourth acre or less, 44 covered one-fourth to 10 acres, and 11 burned over 10 acres or more. The total national forest land burned over was 212 acres, and the damage to timber, reproduction and forage amounted to \$438. Seventy-five of these fires were caused by lightning, 29 by smokers, 7 by campers, 14 by railroads, 3 by debris burning, 2 by incendiaries and 4 by miscellaneous causes. The percentage of campers' fires is materially less than last year, but the percentage of smokers' fires remains about the same as in 1928. This shows that smokers must exercise more care in disposing of matches, burning cigarettes, etc. Any one of these fires might have reached serious proportions had it not been for the alertness of forest officers and the local people. In addition to the national forest acreage burned, as indicated above, these fires burned 376 acres of privately owned land inside the exterior boundaries of the forests and 211 acres outside, the damage to timber, reproduction and forage being \$1,472 and \$1,037, respectively. It cost the forest service \$6,865 to suppress these fires in Colorado in 1929, in addition to which \$1,239 was paid by outside agencies.

During the period from approximately June 1 to July 10, conditions were exceptionally hazardous. Practically no rain fell throughout the state, high winds were frequent, and dry lightning storms occurred. The forest rangers rearranged their work so they could be in almost constant telephone communication, many articles appeared in the newspapers calling attention to the fire danger, and local settlers were also on the lookout

for fires. Sixty-one fires occurred during this period, eight of which covered 10 acres or more each. On July 2 the district forester found it necessary to issue an order prohibiting camp fires, except in constructed fireplaces on improved campgrounds, in all the national forests in the state, also the discharge of any kind of fireworks in the forests. Similar restrictions were issued by the manager of improvements and parks covering the Denver mountain parks. On July 10 general rains occurred throughout the state, relieving the situation. Scattered and general rains occurred periodically during the balance of July and during August and the early part of September. The ground cover dried out again the latter part of September and early October, but no serious conditions resulted.

The disastrous fires which occurred in California and the Northwest in 1929 should serve as a warning in other sections of the country. Every one of those conflagrations started from little sparks of flame. Only continued watchfulness and care on the part of every citizen or visitor in our timbered regions will prevent serious fires in Colorado.

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 includes 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 1929 a total of 130.8 miles of new roads were constructed by the expenditure of \$467,597. A total of \$341,539 was spent on the construction of forest highways; \$126,058 on forest development roads, and \$12,249 on trails, of which 247.7 miles were built during the year. In addition, \$31,486 was spent in the maintenance of minor roads and trails during 1929.

Finances—The receipts from the sale of timber, grazing and special use permits and other uses amounted to \$498,861.16 during the fiscal year of 1929. Twenty-five per cent of this amount, or \$124,715.29, was turned over to the counties, in accordance with the law, for schools and roads. An additional 10 per cent, or \$49,886.11, was spent directly by the forest service for roads and trails in the national forests, this also in accordance with a congressional act authorizing such expenditure.

The total amount spent in the administration of the fourteen forests in Colorado, in operating the regional office in Denver, the experiment station at Colorado Springs, and for the construction and maintenance of roads, trails, telephone lines, ranger stations, etc., was \$904,568.55 in 1929.

Tourist Attractions

COLORADO has in its incomparable climate and wonderful scenery a natural resource of almost incalculable value from an economic standpoint. At the same time it furnishes recreation facilities for thousands of people from all parts of the United States and foreign countries. The invigorating low-pressure atmosphere of high altitudes, the cool and refreshing nights, the days of continuous sunshine and the accessibility of the attractive regions make ideal conditions for the tourist and pleasure seeker.

Camping, hunting, fishing, mountain climbing and other outdoor sports may be enjoyed in regions remote from the cities and towns or close to inhabited places, as the visitor may choose. Excellent highways make automobile touring a pleasure in the mountains, through the valleys and wherever one desires to go. Federal, state and municipal governments contribute towards the furnishing of accommodations for visitors and have organized means of adding to their comfort and pleasure.

It is impossible to enumerate, even partially, in a volume of this character, all the tourist attractions of the state. That is left to the railroads serving Colorado, the commercial clubs of the various cities and towns and similar corporations and organizations which publish annually hundreds of booklets and leaflets descriptive of the state's scenic attractions and recreation opportunities. Such literature may be obtained upon request from the various railroads and organizations.

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

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

There are thousands of beautiful lakes in the mountains of Colorado, many of them of large size and all of them of wonderful beauty. Some of Colorado's lakes, though far less famous than Lake Lucerne, are not surpassed by it in certain characteristics of natural beauty. If they were surrounded by beautiful villas and hotels scores of Colorado's lakes might soon have almost as many admirers as have the lakes of Switzerland. Some of the more easily accessible of our mountain lakes are beginning to be surrounded by the modern conven-

iences that many tourists and travelers demand, but there will always be in Colorado hundreds of picturesque lakes where fishing is good and where natural beauty is not too much marred by the art of man.

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

The government is constantly improving the highways, providing facilities for campers, automobile travelers and other visitors in these parks, while hotel and transportation facilities are all that may be desired. In 1928 there were more than 235,000 visitors in the Rocky Mountain national park, a number exceeded only by the visitors to two other national parks in the country.

Fifteen national forests are located wholly within the boundaries of the state and two others are partially within its borders. These forests embrace 13,309,500 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 from the streams and camped in the woods of the state of Colorado in 1928 at 2,215,481. This compares with 1,617,147 in 1925 and indicates the growing popularity of the national forests. Some of these visitors remained in the forest limits only a few hours, some remaining several weeks and some of them making several visits. The average time spent by each of the visitors within the forest limits, according to the records of the forest service, was three days. Most of them spent much more time than this in the state. Of course, a very considerable number

of these forest visitors were Colorado people, but some idea of the vast and growing importance of the state's tourist business may be gathered from the figures here given. A great many of the visitors to the state do not enter the national forest limits except on railroad trains and hence are not counted in the forest service's enumeration. Many of the visitors to Rocky Mountain national park never enter the national forests.

An idea as to the extent the national forests are used for recreation purposes is given in the figures which show that 191,815 hotels, resorts and club houses and 10,661 residences are under permit within their confines, of which 67 hotels, resorts and club houses and 442 residences are within the national forests of the state.

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 1929 there were 30,000,000 trout planted in the streams by this agency. Big game is abundant in Colorado and conditions are made as favorable as possible for the sportsmen. In another chapter in this book under "Fish and Game" there is much additional data on fishing and hunting opportunities.

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

Some of the mountain areas that are yet inaccessible because of lack of highways are of exceptional beauty and grandeur and Colorado will for many years be offering each season

some new scenic attraction to its visitors. People no longer come to Colorado year after year to see Pikes peak alone, but each year they may visit some new peak, lake or mountain park and none of our visitors of today will live long enough to see all that is worth while in the Colorado Rockies by making one visit to the state each year.

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

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

The economic features of the tourist business are important and contribute materially to the prosperity of the state. Expenditures by tourists repre-

sent new capital coming in, which is quickly absorbed into all channels of trade and exceeds the state's income from precious minerals many times each year. Municipalities contribute liberally towards the convenience and

comfort of tourists and in many of the cities and towns public camp grounds are maintained, where running water, comfort stations, shelters, cooking equipment and other facilities are provided.

Fish and Game

COLORADO has an elaborate and complete system for the propagation and protection of game and fish and as a result it has achieved an enviable reputation for its hunting and fishing opportunities. There were 120,363 licenses issued in 1929 to residents and non-residents, giving the parties obtaining same the privilege of hunting or fishing in the state during the year. The revenues derived from the sale of these licenses and permits, fines for violations of the laws, the sale of beaver pelts, etc., provide the funds for the operation of a state game and fish department, which has general supervision over the protection of game and fish, the stocking of streams and refuges, and the enforcement of the game laws. The expenditures for this work run from \$200,000 to \$250,000 each year without any appropriations being made out of the public funds.

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

In 1928 the department planted 26,000,000 trout in the streams of the state and the plans for 1929 call for 30,000,000. 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 186,000,000 trout in the streams of the state in the past ten years. The following table shows the number planted by years:

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

The United States forest service also maintains hatcheries at several points in the state and in 1929 distributed 3,532,500 fish fry in the streams of the national forests. A number of private hatcheries are operated in the state for supplying trout for market purposes. The state game and fish department also supplies large quantities of bass and ring perch for lakes. An accompanying table shows the number of licenses of all classes issued by the game and fish department by years.

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

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

There are now within the state twenty protected areas in which game may not be killed at any time, except certain predatory animals, which may be trapped or hunted under special permits granted by the state game and fish commissioner. Two of these areas were created by the Twenty-seventh general assembly in 1929. Exclusive of these last two, these areas comprised 3,146,053 acres, of which 2,620,657 acres are in national forests. The areas are known as game refuges, or sanctuaries, the following having been created by the state legislature in 1921:

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

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

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

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

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

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

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

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

Cochetopa game refuge, in the Co-

chetopa 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.

While the propagation and protection of game and fish are conducted on an extensive scale, agencies are engaged in controlling and ridding the state of rodents and predatory animals that cause a loss in excess of \$4,000,000 a year to crops and livestock. The bureau of biological survey of the United States department of agriculture supervises most of this work. The rodent control for pocket gophers, rabbits, prairie dogs, ground squirrels, etc., works in co-operation with the agricultural extension service, counties, individuals and the forest service. Forty-eight counties participate in this work. In 1928 the service treated 593,100 acres for rodent control, in which 121,241 quarts of poison was used. Drives are conducted frequently for the taking of rabbits and these result in the killing of more than 200,000 of these animals annually. The predatory animal work is conducted in co-operation with the state board of livestock inspection and practically all the wool growing associations in the state. In 1928 the animals taken included 33 bear, 174 bobcats, 2,785 coyotes, 4 lions, 27 lynx and 17 wild dogs and 91 fur-bearing animals.

HUNTING AND FISHING LICENSES SOLD IN COLORADO, BY YEARS

(State Game and Fish Commissioner)

YEAR	Resident Combina- tion Hunt- ing and Fishing	Resident Big Game	Non- Resident Fishing	Non- Resident Hunting	Non- Resi- dent Big Game	Total
1920	86,371	15,951	5,387	138	67	107,914
1921	89,598	8,337	2,445	117	42	100,539
1922	72,333	6,960	2,480	104	29	81,906
1923	71,254	6,891	2,954	102	26	81,227
1924	80,735	7,979	5,223	178	46	94,161
1925	84,852	8,411	6,459	249	47	100,018
1926	88,570	8,956	7,374	306	65	105,271
1927	93,355	9,383	8,653	353	70	111,814
1928	95,512	11,793	8,769	301	119	116,494
1929	96,432	13,652	9,882	227	170	120,363

Irrigation Development

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

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

Between 1860 and 1869 large community irrigation enterprises began to be undertaken. Up to this time only short ditches had been in operation, carrying water directly from the streams to the low lands lying in the narrow creek and river valleys. Most of these pioneer irrigation systems were individual enterprises, watering from 10 to 100 acres each. Irrigation on a large scale was first undertaken in the Greeley district, in northern Colorado, the water being taken from the South Platte river and its tributaries. The undertakings were generally successful and other districts

immediately followed the example of northern Colorado. In 1889, when the United States census bureau made its first detailed report on irrigation enterprises, Colorado ranked second among the states in irrigation development, with 890,775 acres of land under ditch. California was first at that time, with 1,004,223 acres irrigated.

Colorado took first place in the area of land irrigated in 1899 and held that rank until 1919, when California went ahead of it as a result of the development of water from the drilling of wells. Colorado continues, however, to rank first among all the states in the area of land receiving its entire water supply from streams. The state lies at the top of the Continental Divide and its principal streams flow in all directions. To the east, the Arkansas and South Platte flow into Kansas and Nebraska; to the west, the Colorado flows into Utah; to the north, the North Platte flows into Wyoming; and to the south the Rio Grande del Norte flows into New Mexico. These streams, with their numerous tributaries, form the foundation of the state's irrigation system, not only from the normal stream flow, but as the channels through which water from melting snow in the mountains passes down to the lower lands during the summer months.

The administration of the public water supplies of the state is in the hands of a state engineer. For the purpose of administering the waters, the state is divided into six divisions, each in charge of a division engineer; the divisions in turn are divided into districts, of which there are 69 in the state, each in charge of a water commissioner. The state engineer is ap-

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

Under the laws of the state as they now stand, the state engineer has no authority to compel the furnishing of statistics, but through the co-operation of the division engineers and the water commissioners, the gathering of data each year has been put upon a more reliable basis. The records of the state engineer's office are complete and comprehensive as to stream discharges, quantity of water originating in Colorado and discharged into adjacent states, data on water returned to the streams, water in storage and other details of value in administering the irrigation laws. The 1,000 or more reservoirs in the state are inspected at regular periods, and a close check on all water users is maintained. There are at present in use in the state 209 automatic recording devices on ditches and canals, and 113 at stream gauging stations.

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

The following table gives important irrigation statistics as compiled by the United States census bureau for 1919 and 1920:

Irrigation in 1919

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

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

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.

COLORADO IRRIGATION STATISTICS
(Compiled from Census Reports)

COUNTY	Acres Irrigated in 1919	Acres Capa- ble of Irrigation in 1920	Number Enter- prises in 1920	Mileage Ditches and Laterals	Capital Invested to 1920	Estimated Final Cost
Adams-----	66,407	68,065	59	366	\$ 2,436,771	\$ 2,557,121
Alamosa-----	39,805	168,625	57	355	416,305	458,952
Arapahoe-----	25,674	26,137	37	218	597,099	600,299
Archuleta-----	11,933	13,289	97	185	168,635	170,285
Baca-----	2,287	12,020	7	27	572,553	572,553
Bent-----	128,712	133,372	30	1,110	2,773,601	2,797,201
Boulder-----	159,781	174,736	151	1,467	1,774,922	1,850,662
Chaffee-----	29,623	30,113	157	439	261,368	265,083
Conejos-----	139,504	152,346	159	683	1,155,162	1,156,632
Costilla-----	36,771	43,906	46	537	1,389,816	1,403,066
Crowley-----	57,789	58,735	24	212	2,587,043	2,593,508
Custer-----	24,241	33,548	202	338	75,431	76,596
Delta-----	93,509	127,469	298	997	4,168,137	4,320,091
Denver-----	4,000	4,000	4	20	47,386	47,386
Doiores-----	1,023	2,361	22	58	549,070	729,020
Douglas-----	8,696	10,391	94	213	207,786	208,286
Eagle-----	30,025	31,073	186	447	235,282	307,432
Elbert-----	1,175	1,790	22	62	25,561	39,961
El Paso-----	18,143	22,047	63	193	901,461	921,461
Fremont-----	29,884	85,697	179	330	1,761,518	1,889,558
Garfield-----	73,473	93,814	323	1,242	1,134,502	1,170,827
Grand-----	39,857	43,092	166	579	534,913	547,713
Gunnison-----	48,280	52,467	382	736	462,748	472,998
Hinsdale-----	3,675	3,880	52	104	395,752	395,752
Huerfano-----	29,081	32,119	267	621	1,061,777	1,083,282
Jackson-----	136,942	149,325	145	822	784,326	1,043,826
Jefferson-----	70,788	73,635	105	381	1,231,205	1,268,125
Kiowa-----	418	2,083	6	52	251,500	337,200
Lake-----	6,397	7,088	30	52	33,696	33,696
La Plata-----	63,755	78,227	211	704	938,864	973,214
Larimer-----	169,356	188,047	171	982	6,236,866	6,473,663
Las Animas-----	40,400	43,857	176	401	401,720	455,470
Logan-----	85,079	105,916	39	511	3,593,889	3,596,039
Mesa-----	102,607	140,104	213	1,012	7,319,055	8,155,335
Mineral-----	6,865	9,950	42	82	81,683	102,243
Moffat-----	17,439	24,224	127	696	366,301	386,226
Montezuma-----	44,083	44,795	102	424	1,846,679	2,446,679
Montrose-----	94,757	123,905	103	813	6,788,758	7,286,466
Morgan-----	132,231	153,796	39	370	2,600,735	2,604,785
Otero-----	120,198	124,879	26	758	4,157,535	4,438,935
Ouray-----	14,016	23,092	96	213	197,689	197,758
Park-----	49,793	52,029	213	460	175,670	176,080
Pitkin-----	12,994	15,172	76	228	208,324	214,324
Prowers-----	76,322	81,508	29	489	1,160,422	1,163,412
Pueblo-----	75,454	88,699	264	896	3,645,462	3,919,262
Rio Blanco-----	23,046	32,742	189	506	355,617	372,882
Rio Grande-----	206,258	227,167	159	721	981,136	982,914
Routt-----	50,735	61,123	310	687	572,873	613,908
Saguache-----	137,581	153,391	212	863	450,609	531,614
San Miguel-----	18,634	22,811	67	413	676,100	797,700
Sedgwick-----	21,510	23,050	7	94	716,215	716,215
Summit-----	9,831	10,986	79	157	103,581	103,631
Teller-----	1,464	1,540	25	83	12,141	12,141
Washington-----	9,335	10,095	8	60	78,966	80,166
Weld-----	382,701	395,444	238	1,990	16,417,224	18,892,937
Yuma-----	8,254	10,182	26	103	83,908	89,908
All other counties-----	794	1,394	17	31	89,094	90,994
State-----	3,348,385	3,855,348	6,634	27,593	\$88,302,442	\$95,198,473

RELATED RUNOFF FOR COLORADO STREAMS

Period October 1, 1928, to September 30, 1929

(Compiled by the State Engineer)

STREAM	Total Runoff		July to Sept. (Inclu.) Runoff		Number Years' Record
	Acre- Feet	Per cent of Mean	Acre- Feet	Per cent of Mean	
South Platte river at South Platte (1)-----	236,000	85	157,000	154	38
Clear Creek near Golden-----	142,000	75	70,000	105	20
St. Vrain at Lyons-----	84,900	82	41,200	116	40
Cache la Poudre at Canon Mouth-----	333,000	103	110,000	122	46
Arkansas at Canon City-----	556,000	100	238,000	142	42
Purgatoire river at Trinidad-----	52,600	71	27,000	89	21
Rio Grande river near Del Norte (1)-----	960,000	128	304,000	166	40
Saguache creek near Saguache-----	69,200	105	30,300	164	19
Conejos river near Mogote-----	332,000	115	90,500	146	26
Colorado river at Glenwood Springs (2)-----	2,730,000	128	764,000	139	30
Fraser river near West Portal (2)-----	35,100	103	12,900	119	19
Blue river near Dillon (2)-----	84,900	88	32,000	103	19
Dolores river at Dolores-----	393,000	124	93,300	175	20
San Miguel river at Naturita-----	370,000	127	110,000	160	12
Yampa river at Steamboat Springs-----	469,000	123	59,700	141	23
White river near Meeker-----	713,000	146	154,000	155	26

(1) Corrected for storage.

(2) Stations maintained by the State Engineer's office in co-operation with 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 more than \$11,000,000. At the present time they are maintaining a population of 6,943 on the farms, and including towns within the limits of the districts the population is well above 15,000.

In 1929 the crops raised on the land within the projects had a total value of more than \$2,790,000. Within their limits are 5,393 horses and mules, 11,105 dairy and beef cattle, 11,261 sheep, 11,178 swine, and 124,840 hens, turkeys and other poultry. More detailed information concerning each of the two projects is contained in the following data, obtained from the superintendent of each.

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 60,522 acres was farmed under the project in 1929 and total crop production was valued at \$2,150,927. 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 37.9 acres, and based on acreage actually irrigated, 34.2 acres. The livestock census within the area showed 4,393 horses, 4,997 dairy cattle, 4,944 beef cattle, 9,469 swine, 10,392 sheep, 102,063 hens and other poultry. The farm population of the project is estimated at 5,713 and the town population, including Montrose, Olathe and Delta, at 7,400—a total population of 13,113 people wholly or partially dependent upon the irrigation of lands within its limits. The assessed valua-

tion of all real and personal property in the project was \$6,094,704 in 1925.

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 1930 provide for a minimum charge of \$1.76 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 \$1.32 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 44 cents per acre-foot.

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

THE GRAND VALLEY PROJECT

The area irrigated under this project lies in Mesa county, near Grand Junction, at an elevation of 4,900 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 95 per cent complete, and the pumping division, on which little construction work has been undertaken. The supply of water is adequate for the acreage to be irrigated.

Approximately 18,000 acres of the gravity division are now being farmed, and in 1929 produced crops with a value of \$634,985, or an average of \$44.00 per acre cropped. The principal products were alfalfa, sugar beets, beans, tomatoes, potatoes and grains. The livestock census for 1929 shows that there were on this area 1,000 horses and mules, 159 beef and 1,005 dairy cows, 869 sheep, 1,709 hogs, 7,877 turkeys and 14,900 hens. There are 215 families with a total population of 1,230 residing on the farms.

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

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

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

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

Climatological Data

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

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

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

TEMPERATURE

There is a wide variation in the normal monthly and annual mean temperature in different areas of the state, due to the high and low altitudes and other factors. It is apparent to a casual observer that it is much colder upon the top of a high mountain than in the lower plains. Altitude, therefore, is one factor. Exposed areas are more susceptible, also, to varying

conditions than areas protected from severe winds by surrounding mountains. Because of these varying conditions, a general statement concerning the temperature of the state conveys little meaning. A table is published in this volume showing monthly and annual mean temperatures at 78 stations in as many different localities, which affords more comprehensive information upon the subject.

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

HUMIDITY

Relative humidity of the atmosphere has no effect on the temperature but does have an important effect on the sensitiveness of the human body to the temperature. Colorado has a relatively low humidity and for that reason a person does not feel cold weather to as great an extent as he would in a place where the humidity is high. Relative humidity is the ratio of the vapor actually present in the atmosphere to the greatest amount the air could possibly contain at a given temperature. Complete saturation is designated as 100 per cent humidity. Relative humidity at Denver over a period of 53 years averages 53 per cent. In other words, the air at Denver contains just a little more than half of the moisture it could possibly contain.

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

Moist air is cold air, and moisture in

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

SNOWFALL IN THE MOUNTAINS

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

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

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

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

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

GLACIERS

The snow which falls in the mountains during the winter does not all melt in the following summer. When it packs hard in the ravines and remains for many years it forms glaciers. Colorado has a number of glaciers, one of the largest being the Arapahoe glacier at the crest of the Continental Divide between North and South Arapahoe peaks at an altitude of 13,500 feet, in the Colorado national forest. In a former geological age it extended down towards the plains but now is about a mile wide. It flows at the rate of 27½ feet per year and its melting gives rise to a chain of beautiful lakes in the valley below. The St. Vrain glacier, on the east side of Mt. Hiamova, is supposed to contain the oldest ice of the group—that melting in current years having been deposited as snow many centuries ago.

DENVER WEATHER CONDITIONS

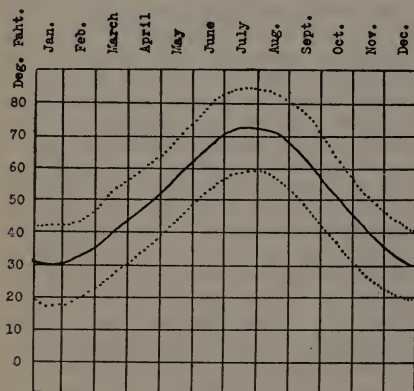
Denver, being close to the center of the state and of approximately the same altitude as the principal cities, furnishes a fairly accurate index of weather conditions in Colorado. J. M. Sherier, meteorologist of the United States weather bureau, has compiled a chart showing average climatic data for Denver from 1872 to 1925, inclusive, a period of 53 years. The average temperature in degrees Fahrenheit for the 53 years is as follows:

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

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

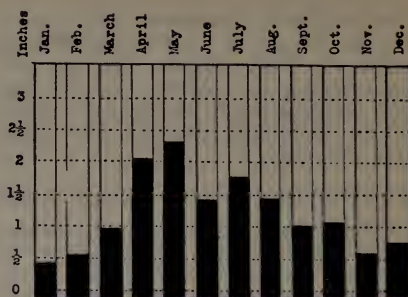
was in January, 1875, when the temperature dropped to 29 degrees below zero. The thermometer never reached zero from April to September, inclusive, in the 53 years, and went below zero in October only once, in 1917, when it dropped to 2 degrees below. In 1888 the thermometer rose to 76 degrees in January.

The following chart shows the average maximum and minimum mean temperature over a period of 53 years, the solid black line being the average by months, and the dotted lines above and below, the maximum and minimum mean temperature by months.

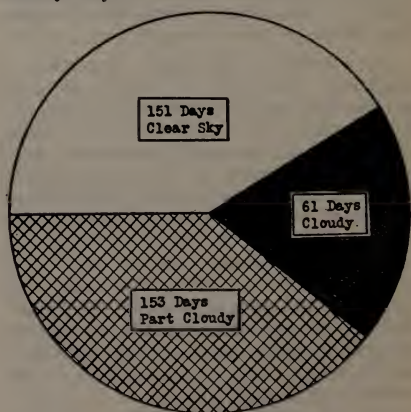


The average yearly rainfall in Denver during the 53 years was 14.27 inches. January is the driest month of the year, with February, November and December following in the order named, the precipitation averaging 1 inch or less per month six months out of the year. April and May are the months of greatest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

On July 14, 1912, a total of 0.91 inch of rain fell in Denver in five minutes, the absolute maximum over a period of 29 years. On the same day 1.36 inches fell in ten minutes, 1.54 inches in 15 minutes and 1.72 inches in 30 minutes. A rainfall of 2.20 inches in one hour occurred on May 23, 1921. The following chart shows the average monthly precipitation in inches for the period of 53 years.



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



VELOCITY OF WINDS

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

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

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

The highest velocity ever recorded in Denver was 75 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 hurricane. The force of that storm was approximately 22,000 pounds per square foot. The wind traveled at the rate of about 7,000 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.

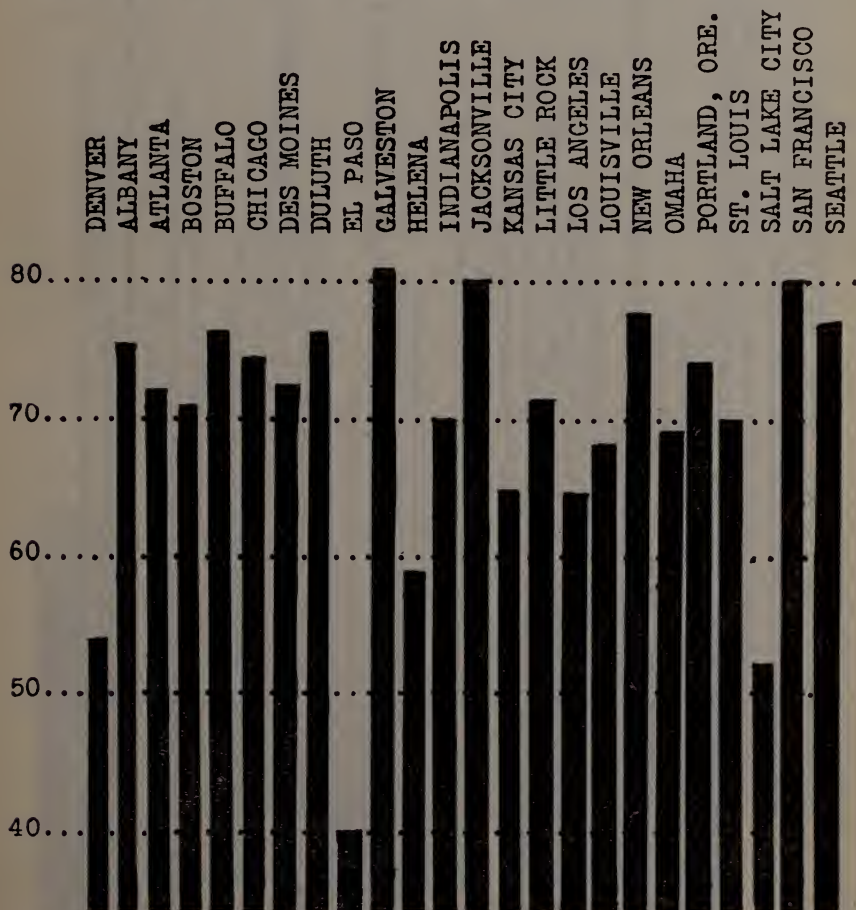


CHART SHOWING HOURS OF SUNRISE, SUNSET, DARKNESS, AND DAYLIGHT AT
DENVER, COLORADO SPRINGS, PUEBLO AND OTHER LOCATIONS ON
APPROXIMATELY THE SAME MERIDIAN.

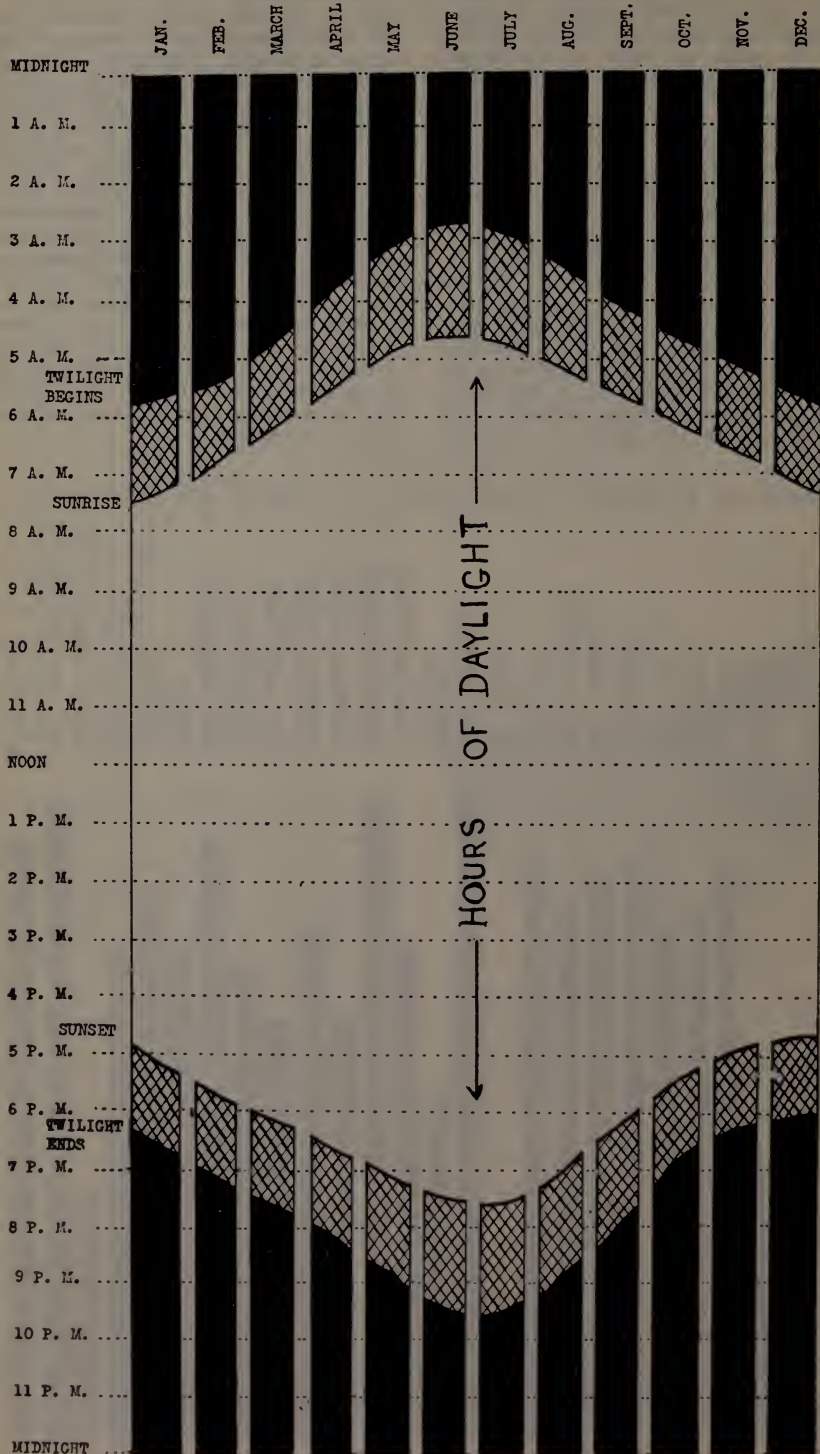
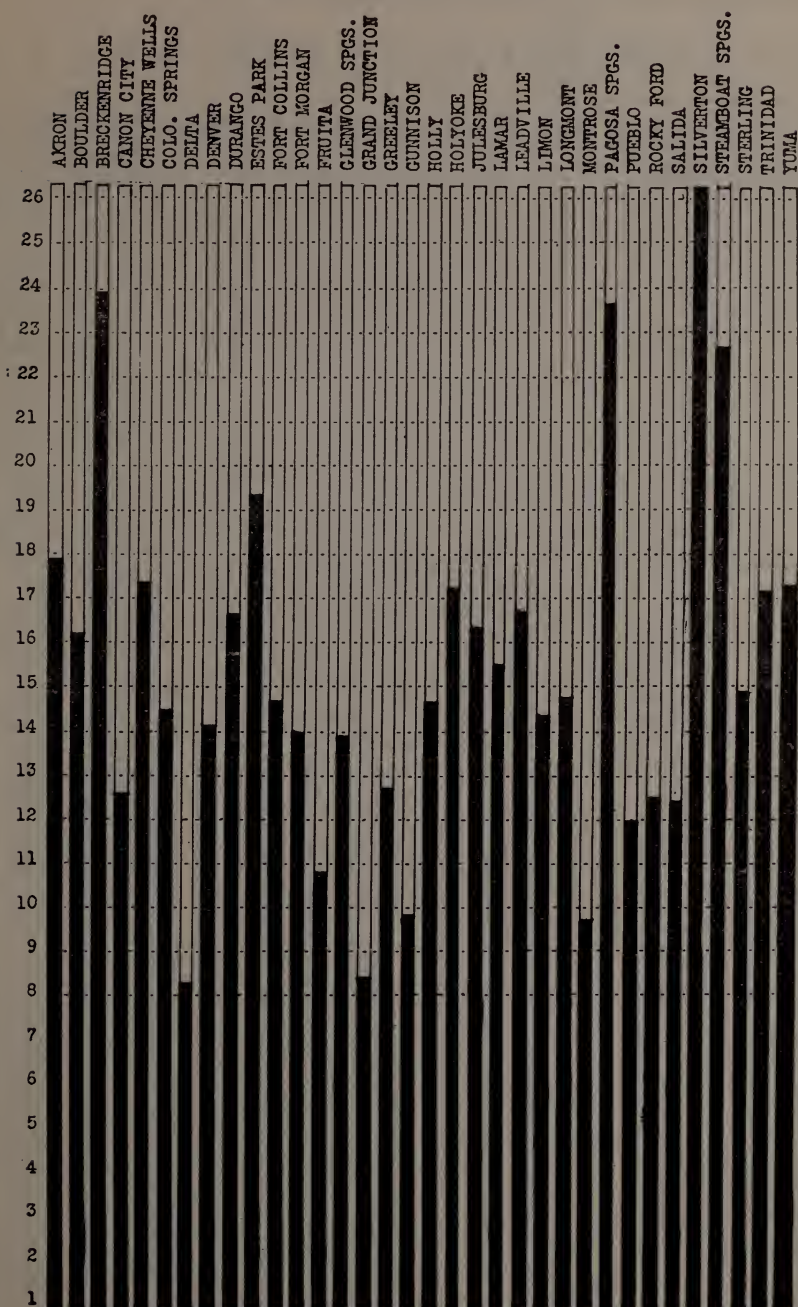


CHART SHOWING AVERAGE ANNUAL RAINFALL IN INCHES
IN 34 CITIES AND TOWNS



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	23.4
Buena Vista	Chaffee	--	22.2	25.7	33.0	38.2	48.4	55.6	59.9	58.3	51.9	42.0	31.9	20.9	40.6
Burlington	Kit Carson	23	27.8	31.4	40.2	47.6	57.5	68.4	73.6	72.5	64.8	52.0	40.6	29.0	50.4
Calhan	El Paso	21	27.2	27.6	35.6	41.9	51.0	62.0	67.2	66.0	59.2	47.4	36.2	26.6	45.7
Canon City	Fremont	34	35.3	35.2	42.9	50.0	57.4	66.1	72.9	72.3	64.3	53.1	43.4	35.9	52.4
Castle Rock	Douglas	30	28.2	28.8	36.0	43.8	52.8	62.4	67.2	68.0	62.2	47.4	37.0	28.0	46.8
Cedaredge	Delta	26	26.0	29.9	38.6	47.0	55.2	63.9	69.8	68.4	60.4	49.2	38.2	26.9	47.3
Cheyenne Wells	Cheyenne	31	28.0	30.0	39.4	48.6	58.1	68.4	73.7	72.8	64.8	52.4	39.5	28.0	50.3
Collbran	Mesa	26	22.8	28.4	37.0	45.4	53.6	62.6	68.3	67.2	59.3	47.8	36.4	24.3	46.1
Colorado Springs	El Paso	34	30.0	29.6	37.5	44.6	53.1	62.0	67.0	66.2	59.6	48.8	38.7	30.6	47.3
Cope	Washington	--	29.2	28.0	38.5	48.5	56.2	67.2	72.2	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	33.3	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	44.3	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	26.0	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	43.3	47.5	52.8	51.1	45.0	36.0	25.4	13.0	32.5
Hoehne	Las Animas	--	32.2	33.2	40.8	48.4	56.7	66.8	71.4	70.2	63.2	52.3	42.4	31.1	50.8
Holly	Prowers	25	31.1	33.7	44.0	52.4	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	37.0	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	42.4	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	28.0	48.2
Limon	Lincoln	--	26.4	32.1	37.0	43.9	53.2	63.6	69.4	67.9	60.6	49.2	37.5	26.5	47.3
Longmont	Boulder	21	26.6	29.0	38.0	46.1	56.0	65.6	69.8	68.8	60.1	48.0	36.6	26.4	47.6
Manassa	Conejos	22	20.9	25.7	34.5	41.0	49.4	59.0	62.8	61.2	54.7	43.8	32.6	21.0	42.2
Manitou	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	42.2
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	43.8
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	49.7	56.4	63.4	61.8	55.0	43.2	32.3	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	43.8
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	53.6	46.3	33.0	17.4	44.0
Redvale	Montrose	--	22.6	28.3	36.4	44.5	54.0	63.2	68.0	66.4	58.6	47.3	36.8	25.4	46.0
Rifle	Garfield	--	23.1	28.8	37.4	47.4	55.4	65.1	70.7	69.2	61.0	49.0	38.0	25.6	47.6
Rocky Ford	Otero	34	30.2	32.5	42.4	51.2	60.7	70.3	74.7	73.4	65.5	53.2	40.4	31.2	52.2
Rugh 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	60.0	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	56.2	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	48.6
Silverton	San Juan	21	16.2	17.9	24.1	31.2	40.0	48.9	55.1	52.8	46.6	37.7	26.6	16.8	34.5
Spicer	Jackson	23	18.1	21.1	26.1	35.3	43.2	54.2	59.6	57.5	49.7	38.5	29.0	17.8	37.5
Steamboat Springs	Routt	23	14.8	17.6	26.8	39.0	48.6	55.7	60.7	59.0	52.3	41.3	28.5	17.7	38.5
Sterling	Logan	18	24.1	28.9	38.0	46.9	56.6	67.2	72.2	70.2	62.2	49.8	37.0	24.2	48.3
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	54.0
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	43.0
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

NORMAL MONTHLY AND ANNUAL PRECIPITATION IN INCHES
(From the Records of the U. S. Weather Bureau)

PLACE	COUNTY	Length of Record, Years	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Akron	Washington	1	0.32	0.52	1.10	2.47	2.72	2.45	2.57	2.03	1.49	1.04	0.58	0.62	17.91
Arriba	Lincoln	10	0.12	0.57	0.70	2.15	2.05	2.02	2.70	2.50	1.67	1.21	0.41	0.89	16.99
Auldurst	Teller	18	0.40	0.77	1.05	2.29	1.72	2.04	3.83	2.94	1.75	0.88	0.60	0.86	19.18
Boulder	Boulder	35	0.40	0.76	1.40	2.81	1.14	1.41	2.14	1.46	1.50	1.52	0.75	0.83	16.12
Breckenridge	Summit	1	1.79	2.48	2.58	2.76	2.04	1.08	2.37	2.24	1.43	1.45	1.63	2.08	23.93
Burlington	Chaffee	18	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
Buena Vista	Kit Carson	38	0.27	0.46	0.80	2.12	2.19	2.83	2.77	2.59	1.33	0.92	0.46	0.61	17.35
Calhan	El Paso	21	0.38	0.67	0.67	2.20	1.91	1.68	2.91	2.97	1.27	0.82	0.57	0.76	16.81
Canon City	Fremont	39	0.37	0.59	0.81	1.67	1.60	1.14	1.86	1.88	0.82	0.84	0.52	0.54	12.64
Castle Rock	Douglas	36	0.45	0.66	1.13	2.26	2.40	1.85	2.71	2.15	1.15	1.19	0.54	0.82	17.31
Cedaredge	Delta	26	0.92	1.03	1.22	1.00	1.14	0.62	0.82	1.01	1.22	1.11	0.61	0.80	11.50
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	17.18
Collbran	Mesa	35	1.26	1.18	1.64	1.62	1.49	0.78	1.18	1.53	1.48	1.11	1.04	1.15	15.46
Colorado Springs	El Paso	48	0.23	0.39	0.67	1.74	2.25	1.89	2.86	2.12	1.03	0.60	0.34	0.41	14.43
Columbine	Routt	17	1.99	2.69	2.35	2.13	1.96	1.07	1.77	1.48	1.88	1.48	1.39	2.43	22.62
Cope	Washington	29	0.37	0.60	1.21	2.59	3.15	3.01	2.82	2.10	1.25	0.96	0.52	0.64	19.22
Crawford	Montrose	9	0.77	0.53	0.55	0.84	0.93	0.81	1.20	1.15	1.20	1.11	0.83	0.81	10.73
Crested Butte	Gunnison	18	3.44	2.57	2.76	2.16	1.79	1.26	1.95	1.54	1.68	1.56	1.31	2.88	25.40
Delta	Delta	40	0.60	0.52	0.69	0.65	0.83	0.34	0.85	0.91	0.87	0.76	0.58	0.60	8.20
Denver	Denver	56	0.42	0.49	1.00	2.17	2.54	1.47	1.62	1.34	0.89	0.96	0.52	0.60	14.02
Durango	La Plata	35	1.28	1.39	1.46	1.14	1.14	0.78	1.55	1.79	1.85	1.75	1.14	1.40	16.67
Eads	Kiowa	17	0.22	0.47	0.37	1.46	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	2.68	2.14	1.36	2.95	2.22	1.65	1.42	0.95	0.83	18.93
Fort Collins	Larimer	48	0.44	0.61	0.93	2.13	2.84	1.49	1.83	1.22	1.28	1.07	0.47	0.46	14.77
Fort Lupton	Adams	17	0.19	0.40	0.46	1.72	2.23	1.02	1.82	1.53	1.16	1.13	0.50	0.61	12.77
Fort Morgan	Morgan	40	0.28	0.41	0.69	1.77	2.36	1.83	2.49	1.65	0.92	0.85	0.35	0.38	13.98
Fraser	Grand	19	1.63	1.75	1.76	2.31	1.60	1.08	2.29	1.66	1.61	1.36	1.14	1.79	19.98
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	0.14	0.22	0.28	0.56	0.13	0.70	1.24	1.14	0.76	0.54	0.27	0.23	6.21
Glenwood Springs	Garfield	24	1.29	1.00	1.29	1.26	1.11	0.72	1.25	1.57	1.14	1.05	0.96	1.26	13.90
Grand Junction	Mesa	36	0.49	0.63	0.71	0.76	0.92	0.40	0.50	1.04	0.95	0.91	0.55	0.44	8.30
Grand Lake	Grand	10	1.81	1.36	0.88	1.90	1.26	0.90	1.96	1.52	1.26	0.81	1.46	1.57	16.69
Greeley	Weld	39	0.32	0.41	0.73	1.71	2.47	1.41	1.85	1.13	0.96	0.92	0.33	0.41	12.65
Grover	Weld	26	0.36	0.63	0.65	2.01	2.35	1.75	2.21	1.63	1.14	0.76	0.32	0.61	14.42
Gunnison	Gunnison	36	0.80	0.70	0.60	0.85	0.78	0.64	1.44	1.32	0.81	0.61	0.56	0.71	9.82
Hamps	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	2.13	1.34	2.79	2.05	1.53	1.31	0.53	0.62	16.50
Julesburg	Sedgwick	24	0.35	0.50	0.77	2.41	2.76	2.65	2.19	2.10	0.77	0.97	0.39	0.43	16.29
Lamar	Prowers	39	0.30	0.61	0.81	1.87	2.05	2.10	2.66	2.00	1.19	0.86	0.41	0.70	15.56
Las Animas	Bent	59	0.19	0.45	0.53	1.54	1.92	1.42	2.17	1.62	1.00	0.69	0.32	0.44	12.29
Lay	Moffat	36	1.12	1.25	1.45	1.21	1.28	0.72	0.97	1.02	1.30	1.10	0.84	0.96	13.22
Leadville	Lake	32	1.21	1.51	1.61	1.74	1.19	0.97	2.20	1.90	1.17	1.11	0.84	1.22	16.67
LeRoy	Logan	39	0.37	0.60	0.94	2.63	2.53	2.35	2.16	2.28	1.13	1.05	0.44	0.62	17.10
Limon	Lincoln	10	0.19	0.38	0.39	1.80	1.87	1.90	2.63	2.27	1.06	0.83	0.43	0.58	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	0.12	0.25	0.37	0.76	0.55	0.51	1.26	1.27	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	17.90
Meeker	Rio Blanco	27	1.07	1.00	1.42	1.55	1.37	0.89	1.45	1.63	1.68	1.46	1.15	1.06	15.78
Montrose	Montrose	39	0.68	0.62	0.80	1.04	0.82	0.42	0.66	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
Pagos Springs	Archuleta	12	2.49	2.06	1.72	1.70	1.45	1.01	2.99	2.56	1.71	1.19	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	1.68	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	0.56	1.66	1.77	1.40	2.55	1.36	0.80	0.85	0.41	0.45	12.39
Saguache	Saguache	28	0.24	0.41	0.31	0.37	0.81	0.97	1.77	1.51	0.78	0.73	0.31	0.32	8.53
Salida	Chaffee	1	0.55	0.83	0.73	1.54	0.86	1.05	1.85	1.49	1.02	0.93	0.73	0.73	12.31
San Luis	Costilla	27	0.42	0.50	0.66	0.95	1.12	0.75	2.23	1.50	2.89	1.02	0.42	0.61	13.07
Sapinero	Gunnison	26	0.90	2.05	2.07	2.21	1.64	0.97	1.43	1.85	1.49	1.46	1.23	1.68	18.98
Sedgwick	Sedgwick	1	0.41	0.63	0.71	2.34	2.25	2.58	2.23	2.49	1.36	1.10	0.33	0.48	16.91
Silverton	San Juan	21	2.61	2.00	2.71	1.63	1.12	1.45	2.97	3.23	2.66	2.64	1.47	2.08	26.57
Spicer	Jackson	1	0.79	0.77	0.65	0.84	0.80	0.77	1.16	1.01	1.14	0.96	0.83	0.76	10.48
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
Sterling	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	0.88	2.13	1.66	2.06	2.49	2.36	1.22	1.29	0.73	0.74	17.08
Two Buttes	Baca	29	0.29	0.61	0.73	1.79	2.23	2.19	2.59	1.86	1.33	0.74	0.41	0.58	15.35
Westcliffe	Custer	1	0.55	0.62	1.15	1.90	1.37	1.37	2.57	1.61	1.13	1.24	0.86	0.73	15.10
Wray	Yuma	33	0.33	0.64	0.89	2.72	2.75	2.81	2.67	2.49	1.20	1.02	0.38	0.49	18.89
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	0.56	1.03	2.30	2.35	2.74	2.52	2.48	1.01	0.93	0.40	0.55	17.28

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	Short- est	Long- est	Spring		Fall	
Akron-----	143	121	165	Apr. 29	to June 5	Sept. 15	to Oct. 24
Arriba-----	134	119	146	May 4	to June 7	Sept. 15	to Oct. 20
Blanca-----	105	81	126	May 20	to June 23	Sept. 12	to Oct. 1
Boulder-----	165	125	200	Apr. 13	to June 2	Sept. 15	to Nov. 10
Buena Vista-----	122	78	142	May 22	to June 28	Aug. 29	to Oct. 23
Burlington-----	154	111	170	Apr. 22	to June 4	Sept. 23	to Oct. 26
Calhan-----	137	108	167	Apr. 29	to June 6	Sept. 2	to Oct. 24
Canon City-----	163	124	200	Apr. 4	to June 2	Sept. 17	to Nov. 11
Castle Rock-----	131	99	154	Apr. 19	to June 10	Sept. 10	to Oct. 9
Cedaredge-----	136	95	164	Apr. 19	to June 9	Sept. 10	to Oct. 19
Cheyenne Wells-----	154	122	180	Apr. 5	to June 4	Sept. 12	to Oct. 26
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. 23
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. 13
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. 18	to July 4	Sept. 10	to Nov. 16
Holly-----	164	134	202	Apr. 2	to June 2	Sept. 17	to Oct. 31
Holyoke-----	138	108	167	Apr. 18	to June 6	Sept. 12	to Oct. 24
Huerfano-----	125	110	145	May 10	to June 6	Sept. 21	to Oct. 7
Ignacio-----	104	69	131	May 28	to June 20	Aug. 28	to Oct. 6
Julesburg-----	139	94	169	Apr. 21	to June 19	Sept. 19	to Oct. 24
Lamar-----	168	140	190	Apr. 3	to May 14	Sept. 17	to Oct. 29
Las Animas-----	159	123	191	Apr. 9	to June 1	Sept. 7	to Oct. 25
Lay-----	83	30	168	Apr. 7	to June 19	Aug. 11	to Sept. 26
LeRoy-----	150	100	182	Apr. 13	to May 27	Aug. 25	to Oct. 24
Limon-----	140	105	169	Apr. 19	to June 5	Sept. 14	to Oct. 25
Longmont-----	144	112	169	Apr. 13	to June 2	Sept. 14	to Oct. 12
Manassa-----	97	45	127	May 19	to June 20	Aug. 2	to Sept. 25
Mancos-----	110	70	143	May 14	to July 6	Aug. 27	to Oct. 24
Meeker-----	89	47	120	May 17	to July 13	Aug. 12	to Oct. 10
Montrose-----	145	112	186	Apr. 10	to June 8	Sept. 14	to Oct. 23
Monument-----	113	88	137	May 10	to June 18	Sept. 9	to Sept. 26
Pagosa Springs-----	76	50	89	June 9	to July 29	Sept. 5	to Sept. 18
Palisades-----	160	146	183	Apr. 14	to May 26	Sept. 15	to Oct. 27
Paonia-----	158	117	228	Apr. 5	to June 2	Sept. 21	to Nov. 11
Platte Canon-----	148	124	164	Apr. 11	to June 2	Sept. 14	to Oct. 26
Pueblo-----	165	131	193	Apr. 9	to June 2	Sept. 12	to Oct. 26
Redvale-----	130	93	163	Apr. 27	to June 13	Sept. 14	to Oct. 26
Rifle-----	144	123	165	Apr. 17	to June 1	Sept. 14	to Oct. 24
Rocky Ford-----	161	113	190	Apr. 12	to June 2	Sept. 17	to Oct. 27
Saguache-----	120	93	178	Apr. 21	to June 26	Aug. 28	to Oct. 16
Salida-----	112	68	148	Apr. 28	to June 15	Sept. 12	to Oct. 11
San Luis-----	108	68	128	May 16	to July 6	Sept. 5	to Oct. 11
Sapinero-----	93	63	117	May 30	to July 5	Sept. 6	to Sept. 23
Sedgwick-----	143	126	167	Apr. 25	to May 27	Sept. 14	to Oct. 24
Sterling-----	144	111	177	Apr. 22	to June 3	Sept. 20	to Oct. 24
Trinidad-----	161	130	194	Apr. 16	to June 3	Sept. 22	to Oct. 27
Two Buttes-----	164	124	192	Apr. 11	to June 2	Sept. 17	to Oct. 30
Victor-----	98	46	134	May 22	to July 7	Aug. 13	to Oct. 6
Wagon Wheel Gap-----	59	1	115	May 26	to July 31	Aug. 1	to Sept. 25
Westcliffe-----	95	3	131	May 6	to July 29	Aug. 1	to Oct. 10
Wiggins-----	130	114	149	May 11	to June 2	Sept. 14	to Oct. 7
Wray-----	152	124	179	Apr. 11	to May 27	Sept. 12	to Oct. 25

Water Power Resources

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 475,390 acres of power-site reserves in the state on June 30, 1929. 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. Power-site reserves under the act of June 25, 1910, as amended by the act of August 24, 1912, on June 30, 1929, aggregated 220,431 acres. Miscellaneous withdrawals under the same act were 1,728 acres. Power-site classifications made under the act of March 3, 1879, aggregated 207,330 acres, and public water reserves under the act of June 25, 1910, aggregated 6,148 acres on June 30, 1929.

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	Horse-power
Public utilities.....	28	84,281
Individual mining plants	25	10,332
Irrigation pumping.....	3	3,275
Flour mills.....	1	188
Private plants.....	1	100
Total	58	98,176

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

Additional information on this subject will be found in another chapter in this volume on "Electric Power Production."

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.

As the result of development under this legislation, the county agent movement has gained a firm foothold in Colorado, with the result that material progress is being made in the improvement of farming methods, the discovery of crops best suited to the different localities, improved methods of livestock feeding, insect and rodent control and the elimination of plant diseases.

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, district leaders 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
R. H. Felts.....County Agent Leader
A. C. Allen.....Asst. County Agent Leader
C. W. Ferguson.....State Club Agent

Nora M. Hott...State Home Dem'n Agent
E. D. Smith.....
...Ext. Economist, Rural Development
T. G. Stewart...Extension Agronomist
L. H. Rochford.....
...Extension Animal Husbandman
C. A. Smith.....Extension Dairyman
Thos. H. Summers.....
...Ext. Economist, Farm Management
Mary G. Collopy.....
...Ext. Economist, Home Management
R. W. Schafer.....
Ext. Agt. at Large, Mountain Farming
Geo. A. Beach...Extension Horticulturist
Miriam J. Williams...Ext. Nutritionist
O. C. Ufford.....Extension Poultryman
H. H. Young.....
Supt. Egg Laying Contest—Canon City

COUNTY EXTENSION AGENTS

County	Agent	Headquarters
Adams.....	H. A. Sandhouse	Brighton
Alamosa.....	M. C. Grandy	Alamosa
Arapahoe.....	A. H. Tedmon	Littleton
Boulder.....	R. E. Kiely	Longmont
Conejos.....	F. F. Johnson	Romeo
Costilla.....	E. W. Martin	San Luis
Delta.....	R. H. Tucker	Delta
El Paso.....	J. C. Hale	.....Colorado Springs
Fremont.....	P. L. Smithers	Canon City
Garfield.....	A. V. Lough	.....Glenwood Springs
Huerfano.....	J. L. Shields	Walsenburg
Kiowa.....	F. C. Jans	Eads
La Plata.....	W. B. Smith	Durango
Larimer.....	D. C. Bascom	Fort Collins
Las Animas.....	S. W. Morgan	Trinidad
Lincoln.....	L. C. Gilbert	Hugo
Logan.....	J. E. Morrison	Sterling
Mesa.....	W. H. Lauck	.....Grand Junction
Moffat.....	T. J. Snyder	.....Craig
Montrose.....	H. A. Ireland	Montrose
Otero.....	W. F. Droge	Rocky Ford
Prowers.....	F. R. Lamb	Lamar
Pueblo.....	K. D. Van Wagenen	Pueblo
Rio Grande.....	A. A. Goodman	.....Monte Vista
Routt.....	P. S. Ingham	.....Steamboat Springs
San Miguel.....	R. E. Williams	Norwood
Sedgwick.....	G. E. McCrimmon	.....Julesburg
Teller.....	H. J. Ryan	Cripple Creek
Washington.....	J. C. Foster	Akron
Weld.....	H. H. Simpson	Greeley
Yuma.....	P. B. Miles	Wray

ASSISTANT COUNTY EXTENSION AGENTS

County	Agent	Headquarters
Alamosa.....	Marle Neff	Alamosa
Boulder.....	Dorothy Maris	Longmont
El Paso.....	Bertha Boger	.....Colorado Springs
Garfield.....	Gladys Bradley	.....Glenwood Springs
Larimer.....	Delphine Dawson	.....Fort Collins
Lincoln.....	Genevieve Woodman	Hugo
Logan.....	Exline Davenport	Sterling
Prowers.....	Virginia Miner	Lamar
Pueblo.....	Jessie Reinholtz	Pueblo
Rio Grande.....	Nellie Mathews	.....Monte Vista
Routt.....	Frances Jones	.....Steamboat Springs
Washington.....	Opal Stafford	Akron
Weld.....	Walter S. Stratton, Jr.	.....Greeley

Agriculture

THE survey of the 1929 crop by the Colorado Co-Operative Crop Reporting Service disclosed a total of 46,200 farms upon which some variety of crop was produced during the year. This number is somewhat smaller than the total reported for 1928, but the acreage in cultivation was the largest ever reported in Colorado with the exception of 1926. Likewise the value, due to a combination of yields and prices, was greater than the crop value reported for any preceding year since the postwar year of 1920.

The record discloses a fairly consistent decrease in the number of individual farms operated from year to year, but an almost equally consistent increase in the total acreage actually harvested. The average size of the individual farms has increased, due to the development of new farm machinery which makes it possible for one man to do the work which required several men before the arrival of the age of machine farming. In the last decade the average size of farms has increased by more than 80 acres, and although the number of farms operated has fallen from a high of nearly 57,000 in 1924 to 46,200 in 1929, the acreage harvested grew from 6,251,000 in 1924 to 6,406,000 in 1929.

The following tables show comparisons by years for numbers of farms, average size of farms, acreage harvested and value of the crop 1920-1929, inclusive:

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

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.....	6,367,915	117,448,000
1929.....	6,445,120	140,042,000

In the foregoing tables all figures for 1929 are preliminary and are subject to revision in the light of data secured after publication of the preliminary totals. Approximately, how-

ever, the number of farms has decreased 5.94 per cent since 1920, but an increase of 30.5 per cent in the average size of farms has resulted in an increase of 12.5 per cent in the acreage actually harvested in 1929, compared with the 1920 acreage.

In comparing the number of farms reported for 1929 with the figures to be published by the United States census bureau, it should be borne in mind that the census counts all farms, whether actually producing crops or lying idle, whereas the state-federal crop reporting service, aiming at data showing actual production, does not enumerate those farms upon which no crop of any nature is produced.

THE CROP REPORTING SERVICE

Crop reporting in Colorado is carried on under a joint state-federal arrangement consummated by virtue of a statute passed in 1919. Under the terms of that Act the state immigration department was authorized to enter into contract with the United States department of agriculture for the establishment of a co-operative crop reporting service. The first attempt to collect and tabulate authentic information concerning the progress and development of farming in Colorado was made that year, and since that time the work has increased in importance and accuracy from year to year.

The actual enumeration of farms and crop acreages is done by county assessors at the time of taking the annual property assessment. Their reports are forwarded to the Co-Operative Crop Reporting Service for tabulation and revision, and the final reports when published are the joint reports of the state and federal governments. Through this means conflicts of authority have been avoided and material progress has been made toward accurate and complete reporting of farm data from year to year.

THE 1929 CROP SEASON

The farm crop of 1929, exclusive of livestock, which is treated in a succeeding chapter in this volume, was valued at \$140,042,000, compared with \$117,448,000 for the 1928 crop. The valuation is based on the December 1 farm price for the major crops and the seasonal prices for some truck and other minor crops. Since a large part

of the grain crop is fed to livestock, the values of such crops are materially increased over actual market values, but such increased values have not been taken into consideration in these tabulations.

It is estimated that 6,445,120 acres were harvested in Colorado in 1929, exclusive of orchards, compared with 6,367,915 acres harvested in 1928. The acreage of winter wheat, oats, barley, rye, dry beans, sugar beets, hay and broomcorn was larger than in 1928, with a reduction in the acreage of corn, spring wheat, potatoes and sorghums. The acreage of most truck crops was larger than in 1928. The acreages of barley, onions, broomcorn, green peas and cauliflower were the largest on record.

The yields of corn, beans, potatoes, grain sorghums, tame hay and wild hay were larger than last year, with lighter yields of winter wheat, spring wheat, barley, broomcorn and sugar beets. The production of corn, winter wheat, rye, oats, barley, beans, pears, peaches and sugar beets was larger than in 1928, with lighter crops of spring wheat, potatoes, sorghums, broomcorn and apples.

The 1929 season was one of extremes. Early spring weather was cold and wet. Spring planting was delayed and early spring growth was very backward. During June and July rainfall was deficient and temperatures were above normal. Pastures dried up and practically all crops suffered heavy losses of acreage as well as reduced condition of the growing crops. The drought was broken on August 2 by a general rain over all of the plains area. Hail losses during the 1929 season were the lightest in years. Irrigation water was generally ample. A sharp freeze September 8 stopped all plant growth in the Greeley district and caused heavy losses to late truck crops, potatoes, beans and corn. The September freeze also caused some damage in the San Luis valley and northwestern Colorado.

HISTORICAL CROP DATA

Accompanying the crop tables for 1929 are historical tables, showing the acreage, yield, production, market price and value of the important crops, by years, from the earliest available dates down to the present time. These tables, published for the first time in the 1928-1929 edition of the Colorado Year Book, will be continued from year to year if space and funds permit, so that the record of the advance-

ment or recession of any particular crop may be available at all times. This constitutes the most accurate picture possible of the trend of farm crops in Colorado and illustrates clearly the response of acreages to market prices and average yields.

FOREIGN EXPORTS FROM COLORADO

Exports of merchandise from Colorado to foreign countries in the calendar year of 1929 were valued at \$4,001,887, according to statistics compiled by the department of commerce. This figure compares with \$3,419,934 during 1928, an increase of \$581,953, and \$3,394,095 during 1927, an increase of \$607,792. The statistics are based on through export bills-of-lading and do not provide a completely accurate index of the exact volume of export shipments from the state. The through bill-of-lading represents the only available source of information indicating the export standing and the relative position of the various states. There were 41 states and territories with larger volumes of exports than Colorado in 1929 and 10 with smaller volumes.

From the standpoint of value, mine and quarrying machinery ranked first among the exports from Colorado in 1929, being valued at \$1,445,509, and was followed by other machinery and parts, \$437,872; and lard, \$303,939. Machinery in 1929 displaced lard for second place. Other leading exports, with comparative figures for 1928 were:

	1929	1928
Iron and steel manufactures	\$218,526	\$ 94,961
Vegetable food products and beverages	193,515	105,533
Wood and paper and manufactures	152,169	57,600
Other non-metallic products	141,305	104,857

Among the diversified commodities exported from Colorado in 1929 were animals and animal products, corn, prepared and mixed feeds and other feeds, including screenings; prunes, broom corn, other vegetable products, unmanufactured cotton, other textiles and manufactures, coal, coke, gas and fuel oil, bricks and tiles, asphalt and bituminous manufactures, vehicles and parts, industrial chemicals, dynamite, primers and fuses and other chemical and related products.

CROP ACREAGE, PRODUCTION AND VALUE, 1929 AND 1928
(See text for detailed explanation of various items in this table)

Kind of Crop	1929			1928		
	Acreage	Production	Value	Acreage	Production	Value
Winter Wheat ¹ -----	1,043,000	11,994,000 Bu.	\$11,154,000	923,000	11,076,000 Bu.	\$ 9,525,000
Spring Wheat-----	354,000	6,018,000 Bu.	5,537,000	416,000	7,488,000 Bu.	6,290,000
All Wheat-----	1,397,000	18,012,000 Bu.	16,691,000	1,339,000	18,564,000 Bu.	15,815,000
Corn-----	1,366,000	23,222,000 Bu.	17,416,000	1,438,000	18,694,000 Bu.	12,712,000
Oats for Grain ² -----	212,000	6,572,000 Bu.	3,155,000	193,000	5,983,000 Bu.	2,692,000
Barley for Grain-----	651,000	13,671,000 Bu.	7,382,000	547,000	13,128,000 Bu.	7,089,000
Rye for Grain-----	81,000	891,000 Bu.	633,000	74,000	814,000 Bu.	570,000
Emmer-----	18,000	486,000 Bu.	216,000	16,000	432,000 Bu.	238,000
Grain Sorghums ³ -----	205,000	2,255,000 Bu.	1,804,000	256,000	2,688,000 Bu.	1,613,000
Sweet Sorghums-----	80,000	152,000 T.	1,216,000	94,000	150,000 T.	1,230,000
Broom Corn-----	55,000	9,100 T.	1,019,000	52,000	9,400 T.	799,000
Field Peas ³ -----	50,000	600,000 Bu.	720,000	60,000	780,000 Bu.	1,243,000
Dry Beans-----	294,000	1,911,000 Bu.	5,160,000	309,000	1,390,000 Bu.	4,726,000
Potatoes-----	88,000	12,320,000 Bu.	13,552,000	110,000	13,420,000 Bu.	6,039,000
Sugar Beets-----	210,000	2,162,400 T.	18,287,000	179,000	2,394,000 T.	16,687,000
Cabbage-----	3,300	34,000 T.	678,000	3,100	44,600 T.	578,000
Onions-----	7,000	2,536,000 Bu.	1,097,000	3,760	1,241,000 Bu.	1,762,000
Cauliflower-----	3,600	1,296,000 Cr.	907,000	1,700	510,000 Cr.	612,000
Tomatoes for Mfg.-----	1,920	16,700 T.	184,000	1,600	11,800 T.	130,000
Cantaloupes and Honey Dew Melons for Mar- ket and Seed-----	12,600	2,530,000 Cr.	2,396,000	10,800	1,170,000 Cr.	1,100,000
Cucumbers for Pickles-----	2,400	276,000 Bu.	166,000	2,300	232,000 Bu.	139,000
Cucumbers for Seed-----	3,800	-----	304,000	3,400	-----	228,000
Snap Beans-----	2,300	6,900 T.	400,000	1,600	3,400 T.	204,000
Peas for Canning and Market-----	13,100	-----	1,142,000	9,500	-----	715,000
Lettuce-----	9,800	1,078,000 Cr.	1,348,000	9,800	1,127,000 Cr.	1,206,000
Celery-----	1,050	252,000 Cr.	277,000	900	270,000 Cr.	446,000
Millet Seed ⁴ -----	35,000	420,000 Bu.	315,000	34,000	340,000 Bu.	360,000
Alfalfa Seed ⁵ -----	2,000	6,000 Bu.	71,000	2,000	6,000 Bu.	70,000
Other Farm, Garden and Seed Crops Not Listed Separately ⁶ -----	22,250	-----	1,400,000	22,455	-----	1,249,000
Tame Hay, All Varieties-----	1,203,000	2,677,000 T.	30,786,000	1,187,000	2,467,000 T.	28,864,000
Wild Hay-----	387,000	426,000 T.	4,388,000	376,000	338,000 T.	3,481,000
Apples-----	-----	2,460,000 Bu.	2,337,000	-----	3,020,000 Bu.	1,963,000
Peaches-----	-----	1,000,000 Bu.	1,450,000	-----	650,000 Bu.	780,000
Pears-----	-----	650,000 Bu.	975,000	-----	185,000 Bu.	194,000
Cherries-----	-----	4,500 T.	540,000	-----	1,500 T.	210,000
Grapes-----	-----	374 T.	15,000	-----	357 T.	14,000
Miscellaneous Fruits-----	-----	-----	625,000	-----	-----	625,000
Sugar Beet Tops ⁵ -----	210,000	-----	840,000	179,000	-----	895,000
Rye for Pasture-----	30,000	-----	150,000	33,000	-----	165,000
Totals-----	6,445,120	-----	\$140,042,000	6,367,915	-----	\$117,448,000

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

²In 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.

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

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

⁵Alfalfa seed acreage is for 1928 and is not included in total. Sugar beet top acreage is the same as sugar beets and is not included in total.

⁶This item includes 13,000 acres of farm gardens, 600 acres of tomatoes for market, 500 acres of snap beans for table use, 500 acres of watermelons, 1,400 acres of pumpkin and squash, 1,700 acres of sweet corn and 4,550 acres of other garden and seed crops not itemized by counties.

NOTE—This table shows the entire acreage devoted to the various crops, whether intended for the general market or sold and consumed locally. In the case of some of the garden and truck crops the acreage is larger than that counted for the general market, but as the acreage devoted to local use is comparatively small it has not been segregated. The 1929 figures do not include revisions as of December, 1930.

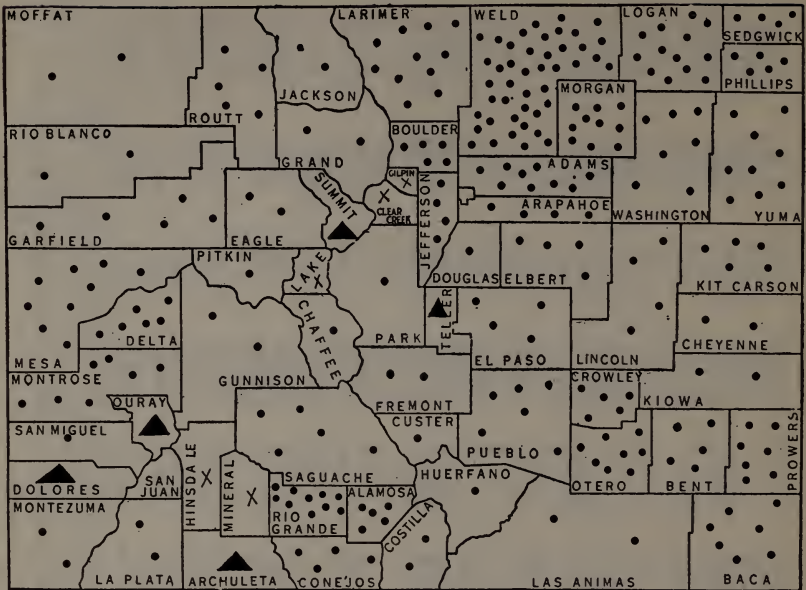
FARM VALUE OF CROPS BY COUNTIES, 1929

COUNTY	Corn	Wheat	Oats	Barley	Rye	Potatoes	Dry Beans	Sorghums	Sugar Beets	All Hay	Fruits	Miscellaneous Crops	Totals	Av. Value Per Acre Cultivated
Adams	\$ 381,640	\$ 1,056,969	\$ 69,310	\$ 224,800	\$ 14,390	\$ 96,630	\$ 265,720	\$ 73,810	\$ 990,100	\$ 524,090	\$ 28,340	\$ 612,300	\$ 4,338,090	\$19.92
Alamosa	72,110	106,270	106,270	89,220	---	1,148,400	---	---	56,610	736,180	---	173,030	2,381,820	38.04
Archae	280,080	660,030	27,930	121,390	9,150	2,850	186,620	48,680	51,400	419,830	44,470	82,630	1,984,970	14.80
Archuleta	4,500	19,390	25,830	5,320	---	18,590	---	---	---	350,620	330	500	425,080	22.77
Baca	711,370	1,088,730	4,440	178,840	3,160	---	32,620	432,510	---	50,920	2,360	861,750	3,366,700	13.33
Bent	544,940	110,940	20,690	119,840	---	1,320	39,960	86,450	256,890	735,590	6,310	414,880	2,386,790	27.36
Boulder	149,620	642,860	55,880	158,660	1,640	15,310	1,870	---	822,920	594,180	51,200	200,130	2,694,270	33.00
Chaffee	---	29,060	24,860	44,220	---	34,650	---	---	---	232,100	520	169,740	565,150	29.25
Cheyenne	547,940	7,890	7,890	47,880	1,870	2,970	17,930	159,790	---	253,350	650	6,890	1,111,010	10.38
Clear Creek	---	2,010	2,010	90	40	550	---	---	---	15,630	---	1,210	19,630	19.02
Conejos	---	127,640	79,080	172,960	---	534,820	3,920	---	22,680	688,660	---	538,090	2,167,800	32.82
Costilla	---	34,840	15,340	59,400	820	43,560	3,890	---	870	262,340	---	602,330	1,013,390	35.64
Crowley	252,470	10,800	23,760	66,130	80	1,870	146,670	54,880	522,480	419,600	74,310	1,061,105	2,634,185	40.41
Custer	9,870	17,710	24,620	24,840	1,990	155,380	---	700	---	276,650	---	75,390	587,050	20.87
Delta	111,600	118,990	93,370	74,570	120	164,970	5,350	---	176,770	822,370	1,280,000	172,955	3,020,165	59.50
Denver	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dolores	27,660	52,850	12,960	4,530	1,950	22,310	41,470	6,480	---	40,190	410	2,500	213,310	18.11
Douglas	137,830	98,770	48,950	42,670	8,130	8,350	10,050	7,950	---	419,770	1,170	7,145	790,785	15.19
Eagle	---	21,870	41,270	13,590	40	310,360	---	---	---	628,120	780	163,510	1,179,540	37.96
Elbert	454,640	401,050	69,050	104,240	41,330	27,830	441,110	51,120	---	547,850	650	75,890	2,214,760	11.84
El Paso	508,170	74,610	116,100	32,450	46,310	45,050	427,040	41,210	---	627,240	8,860	32,405	1,969,455	13.55
Fremont	67,390	20,340	12,090	15,940	780	37,180	3,540	1,260	7,840	242,930	525,510	185,940	1,120,740	61.75
Garfield	25,920	154,780	63,050	52,540	430	541,200	7,830	---	140,210	1,007,960	480,150	45,010	2,519,080	45.11
Gilpin	---	300	3,000	270	40	4,670	---	---	---	22,500	---	15,360	46,140	26.64
Grand	---	3,150	14,560	12,770	1,100	7,660	---	---	---	637,160	---	172,880	849,270	23.40
Gunnison	---	3,410	8,420	8,960	270	18,810	---	---	---	1,012,500	---	3,460	1,055,830	19.38
Hinsdale	---	---	---	1,050	---	12,820	---	---	---	72,830	---	1,030	87,230	22.21
Huerfano	52,780	51,820	24,830	26,460	630	7,590	30,700	6,320	---	332,270	5,820	50,290	589,010	21.45
Jackson	---	250	1,780	1,540	320	1,260	---	---	---	872,800	---	325	878,275	11.40
Jefferson	119,700	327,730	66,690	71,590	270	51,430	5,670	1,970	49,640	572,640	352,480	839,120	1,958,890	34.70
Kit Carson	442,640	17,400	1,340	22,190	---	1,370	4,460	278,340	---	137,420	820	15,850	921,830	11.00
Kiowa	1,138,140	445,540	26,150	308,590	43,640	27,280	37,970	212,760	---	352,680	590	25,085	2,618,425	7.81

Lake	290,130	70,940	51,540	80	81,510	15,980	---	---	82,630	---	600	88,230	11.44
La Plata	67,100	70,940	51,540	80	81,510	15,980	---	---	724,340	11,810	5,145	1,322,385	25.06
La Plater	207,690	655,070	140,000	630	44,440	47,550	1,020	1,867,000	1,430,040	386,000	485,230	5,624,270	37.30
Las Animas	157,590	118,710	20,460	3,800	3,800	270,870	62,270	85,350	335,710	1,760	64,020	1,153,340	21.42
Las Animas	631,600	467,560	8,820	30,700	40,040	368,990	177,100	137,660	369,670	590	55,805	2,278,725	8.84
Logan	1,219,870	1,354,840	132,800	792,590	103,960	117,050	---	---	1,068,280	3,530	111,160	6,369,790	15.61
Mesa	336,880	202,410	90,550	42,470	379,500	398,870	2,490	---	1,001,150	1,772,900	272,010	4,622,420	59.80
Mineral	---	---	4,950	4,000	---	---	---	---	52,910	---	16,600	78,460	19.81
Moffat	25,100	222,610	60,320	34,610	58,300	490	1,610	---	593,790	1,170	30,645	1,061,505	19.50
Montezuma	68,170	175,240	64,370	21,940	108,620	95,020	3,510	---	502,060	101,470	8,075	1,143,015	27.80
Montrose	153,670	210,710	94,880	63	909,870	34,320	---	---	163,710	1,009,560	566,740	2,489,000	50.36
Morgan	994,370	462,180	77,550	374,430	366,300	222,290	100,240	---	1,761,180	875,230	3,530	5,376,760	23.09
Otero	312,600	67,800	74,850	62,960	2,860	136,460	20,590	1,054,540	603,450	135,100	1,928,500	4,399,760	60.89
Ouray	22,990	26,090	11,860	390	48,290	---	---	---	226,020	---	2,400	338,040	25.22
Park	---	910	17,510	2,730	124,860	---	---	---	499,940	---	7,070	668,210	14.83
Phillips	847,850	1,080,310	88,140	26,500	19,800	11,210	99,400	---	273,710	590	14,675	2,702,185	11.47
Ptkin	330	16,060	26,370	5,210	187,000	---	---	---	235,680	570	5,130	37,700	37.70
Powers	798,330	365,120	26,830	470	2,550	6,810	228,810	660,100	1,162,570	7,660	200,925	3,688,255	22.50
Pueblo	461,850	139,270	26,360	1,600	2,310	324,250	49,210	582,570	618,560	29,500	943,785	3,279,625	32.22
Rio Blanco	---	112,370	27,680	1,950	3,740	350	---	---	743,020	520	2,500	900,290	22.07
Rio Grande	---	101,200	143,070	---	3,510,370	---	---	17,430	623,450	---	765,520	5,303,690	59.15
Routt	6,180	208,780	137,100	270	108,350	---	620	---	1,128,700	4,740	303,330	1,996,940	26.30
Saguache	---	63,670	94,500	---	1,196,030	---	---	3,480	803,780	500	202,220	2,420,270	27.77
San Juan	---	---	---	---	---	---	---	---	---	---	---	---	---
San Miguel	3,750	23,290	30,010	710	18,480	1,950	1,500	---	433,510	590	2,415	581,925	22.74
Sedwick	359,390	590,600	62,560	17,040	34,320	4,480	22,350	412,770	222,130	680	28,710	2,020,180	14.33
Summit	---	780	3,670	200	6,440	---	---	---	214,240	---	550	227,540	24.60
Teller	---	610	45,620	860	92,400	---	---	---	173,000	---	24,035	347,075	24.16
Washington	1,411,170	748,900	41,130	86,500	27,280	193,880	220,520	24,390	693,190	2,360	41,510	3,854,270	9.72
Weld	1,250,450	2,225,830	352,630	81,660	2,676,080	1,146,340	132,760	7,171,100	4,089,020	39,520	1,301,190	21,883,440	81.16
Yuma	2,143,140	1,066,570	74,910	91,390	48,880	48,550	290,320	---	465,690	5,910	23,175	4,445,445	11.50
State	\$17,416,000	\$16,691,000	\$3,155,000	\$633,000	\$13,552,000	\$5,160,000	\$3,020,000	\$18,287,000	\$35,174,000	\$5,942,000	\$13,315,000	\$139,727,000	\$21.81

Note: This table does not include the value of \$315,000 for millet seed, as there is no satisfactory basis for allotting this value to the various counties.

DISTRIBUTION OF CROP VALUES, 1929



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

DISTRIBUTION OF CULTIVATED AREA, 1929



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

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

A farm, for census purposes, includes all the land which is directly farmed by one person, either by his own labor alone or with the assistance of members of his household, or hired employees. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm." Any tract of land of less than three acres used for agricultural purposes, which produced products to the value of \$250 in the preceding calendar year, is classed a "farm," but these are not included in the table on page 104.

The figures for 1930 are preliminary and subject to correction.

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.....	1,911	1,873	1,753	38	2.0	158	9.0
Alamosa.....	539	300	302	239	79.7	237	78.5
Arapahoe.....	1,217	1,174	1,025	43	3.7	192	18.7
Archuleta.....	389	329	420	60	18.2	—31	—7.4
Baca.....	1,752	1,706	1,858	46	2.7	—106	—5.7
Bent.....	884	900	1,056	—16	—1.8	—172	—16.3
Boulder.....	1,491	1,492	1,420	—1	—0.1	71	5.0
Chaffee.....	311	247	326	64	25.9	—15	—4.6
Cheyenne.....	625	625	674	—	—	—49	—7.3
Clear Creek.....	33	16	27	17	106.3	6	22.2
Conejos.....	1,472	680	814	792	116.5	658	80.8
Costilla.....	655	329	443	326	99.1	212	47.9
Crowley.....	627	622	743	5	0.8	—116	—15.6
Custer.....	489	367	353	122	33.2	136	38.5
Delta.....	1,745	1,636	1,707	109	6.7	38	2.2
Denver.....	259	307	239	—48	—15.6	20	8.4
Dolores.....	196	177	186	19	10.7	10	5.4
Douglas.....	442	401	462	41	10.2	—20	—4.3
Eagle.....	383	350	301	33	9.4	82	27.2
Elbert.....	1,240	1,281	1,308	—41	—3.2	—68	—5.2
El Paso.....	1,465	1,580	1,571	—115	—7.3	—106	—6.7
Fremont.....	1,342	1,127	1,014	215	19.1	328	32.3
Garfield.....	1,019	928	930	91	9.8	89	9.6
Gilpin.....	34	47	41	—13	—27.7	—7	—17.1
Grand.....	231	269	265	—38	—14.1	—34	—12.8
Gunnison.....	371	358	376	13	3.6	—5	—1.3
Hinsdale.....	49	38	40	11	28.9	9	22.5
Huerfano.....	763	1,003	954	—240	—23.9	—191	—20.0
Jackson.....	204	156	182	48	30.8	22	12.1
Jefferson.....	1,820	1,951	1,446	—131	—6.7	374	25.9
Kiowa.....	581	692	668	—111	—16.0	—87	—13.0
Kit Carson.....	1,632	1,500	1,461	132	8.8	171	11.7
Lake.....	45	27	30	18	66.7	15	50.0
La Plata.....	1,174	973	1,069	201	20.7	105	9.8
Larimer.....	1,852	1,816	1,921	36	2.0	—69	—3.6
Las Animas.....	1,767	1,943	2,286	—176	—9.1	—519	—22.7
Lincoln.....	1,231	1,279	1,385	—48	—3.8	—154	—11.1
Logan.....	1,852	1,916	1,874	—64	—3.3	—22	—1.2
Mesa.....	2,659	2,199	2,207	460	20.9	452	20.5
Mineral.....	52	27	34	25	92.6	18	52.9
Moffat.....	802	712	1,023	90	12.6	—221	—21.6
Montezuma.....	980	728	904	252	34.6	76	8.4
Montrose.....	1,318	1,423	1,368	—105	—7.4	—50	—3.7
Morgan.....	1,570	1,692	1,720	—122	—7.2	—150	—8.7
Otero.....	1,292	1,419	1,486	—127	—8.9	—194	—13.1
Ouray.....	179	162	180	17	10.5	—1	—0.6
Park.....	395	219	286	176	80.4	109	38.1
Phillips.....	766	843	680	—77	—9.1	86	12.6
Pitkin.....	184	166	179	18	10.8	5	2.8
Prowers.....	1,384	1,194	1,469	190	15.9	—85	—5.8
Pueblo.....	1,479	1,534	1,826	—55	—3.6	—347	—19.0
Rio Blanco.....	436	422	537	14	3.3	—101	—13.5
Rio Grande.....	741	535	603	206	38.5	138	22.9
Routt.....	935	834	926	101	12.1	9	1.0
Saguache.....	835	346	432	489	141.3	403	93.3
San Juan.....	2	**	**	2	—	2	—
San Miguel.....	264	366	334	—102	—27.9	—70	—21.0
Sedgwick.....	559	632	487	—73	—11.6	72	14.8
Summit.....	62	69	72	—7	—10.1	—10	—13.9
Teller.....	250	186	250	64	34.4	—	—
Washington.....	1,753	1,984	2,057	—231	—11.6	—304	—14.8
Weld.....	5,459	5,610	5,765	—151	—2.7	—306	—5.3
Yuma.....	2,115	2,303	2,179	—188	—8.2	—64	—2.9
State.....	60,563	58,020	59,984	2,543	4.4	629	1.0

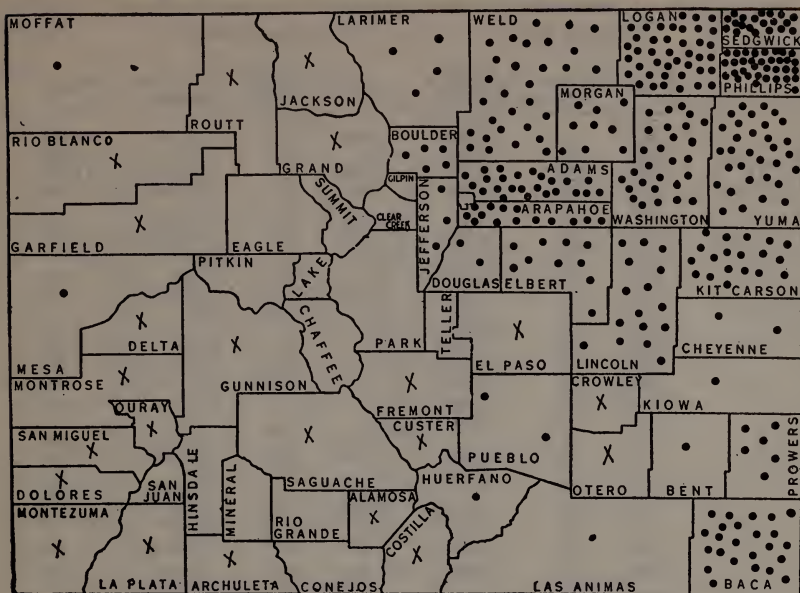
*A minus sign (—) denotes a decrease.

**No farms reported.

ACREAGE AND PRODUCTION OF WINTER WHEAT, 1929

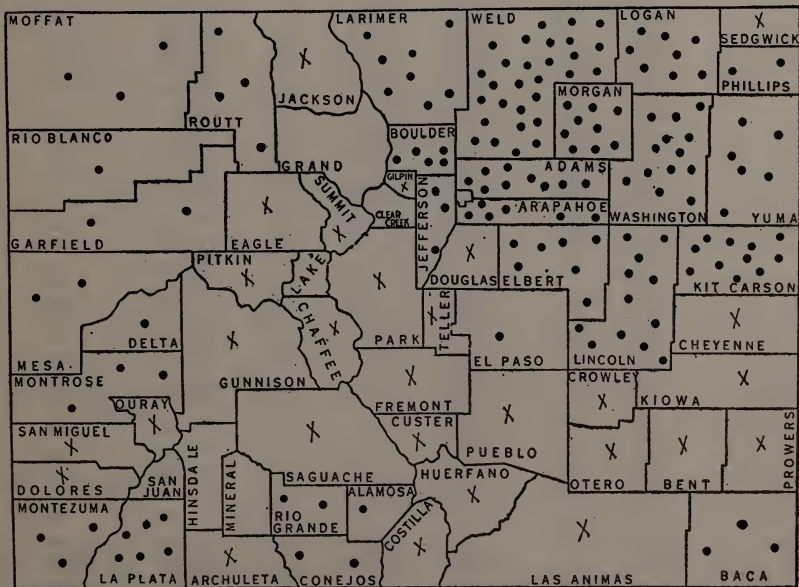
COUNTY	IRRIGATED			NON-IRRIGATED			TOTALS	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	4,960	24	119,040	68,670	10	686,700	73,630	805,740
Alamosa	20	30	600	---	---	---	20	600
Arapahoe	1,080	31	33,480	47,220	11	519,420	48,300	552,900
Archuleta	10	28	280	10	20	200	20	480
Baca	---	---	---	73,360	15	1,100,400	73,360	1,100,400
Bent	3,580	32	114,560	---	---	---	3,580	114,560
Boulder	11,380	28	318,640	5,460	14	76,440	16,840	395,080
Chaffee	---	---	---	---	---	---	---	---
Cheyenne	---	---	---	6,340	7	44,380	6,340	44,380
Clear Creek	---	---	---	---	---	---	---	---
Conejos	---	---	---	---	---	---	---	---
Costilla	400	31	12,400	---	---	---	400	12,400
Crowley	200	31	6,200	---	---	---	200	6,200
Custer	60	28	1,680	150	14	2,100	210	3,780
Delta	740	30	22,200	40	20	800	780	23,000
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	1,660	15	24,900	1,660	24,900
Douglas	240	25	6,000	6,740	13	87,620	6,980	93,620
Eagle	---	---	---	---	---	---	---	---
Elbert	---	---	---	29,530	10	295,300	29,530	295,300
El Paso	210	27	5,670	2,650	12	31,800	2,860	37,470
Fremont	350	30	10,500	50	13	650	400	11,150
Garfield	190	32	6,080	230	22	5,060	420	11,140
Gilpin	---	---	---	---	---	---	---	---
Grand	50	30	1,500	100	19	1,900	150	3,400
Gunnison	10	32	320	40	20	800	50	1,120
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	370	26	9,620	2,920	14	40,880	3,290	50,500
Jackson	---	---	---	---	---	---	---	---
Jefferson	5,400	29	156,600	3,140	14	43,960	8,540	200,560
Kiowa	---	---	---	3,120	5	15,600	3,120	15,600
Kit Carson	---	---	---	58,170	6	349,020	58,170	349,020
Lake	---	---	---	---	---	---	---	---
La Plata	700	27	18,900	420	19	7,980	1,120	26,880
Larimer	3,020	32	96,640	10,630	14	148,820	13,650	245,460
Las Animas	1,930	32	61,760	1,970	11	21,670	3,900	83,430
Lincoln	---	---	---	48,930	7	342,510	48,930	342,510
Logan	1,190	27	32,130	121,930	10	1,219,300	123,120	1,251,430
Mesa	2,420	30	72,600	930	19	17,670	3,350	90,270
Mineral	---	---	---	---	---	---	---	---
Moffat	50	34	1,700	7,740	18	139,320	7,790	141,020
Montezuma	460	25	11,500	1,190	18	21,420	1,650	32,920
Montrose	960	31	29,760	120	18	2,160	1,080	31,920
Morgan	1,000	29	29,000	25,990	10	259,900	26,990	288,900
Otero	1,390	32	44,480	180	15	2,700	1,570	47,180
Ouray	10	30	300	60	17	1,020	70	1,320
Park	---	---	---	---	---	---	---	---
Phillips	---	---	---	101,800	11	1,119,800	101,800	1,119,800
Pitkin	---	---	---	---	---	---	---	---
Prowers	6,100	31	189,100	13,170	11	144,870	19,270	333,970
Pueblo	1,370	32	43,840	5,810	12	69,720	7,180	113,560
Rio Blanco	80	37	2,960	2,460	20	49,200	2,540	52,160
Rio Grande	---	---	---	---	---	---	---	---
Routt	230	30	6,900	1,270	22	27,940	1,500	34,840
Saguache	1,240	31	38,440	---	---	---	1,240	38,440
San Juan	---	---	---	---	---	---	---	---
San Miguel	80	30	2,400	640	16	10,240	720	12,640
Sedgwick	160	30	4,800	61,530	10	615,300	61,690	620,100
Summit	---	---	---	---	---	---	---	---
Teller	---	---	---	---	---	---	---	---
Washington	100	29	2,900	85,820	7	600,740	85,920	603,640
Weld	14,620	28	409,360	79,400	11	873,400	94,020	1,282,760
Yuma	---	---	---	95,050	11	1,045,550	95,050	1,045,550
State	66,360	29.0	1,924,840	976,640	10.3	10,069,160	1,043,000	11,994,000

DISTRIBUTION OF WINTER WHEAT ACREAGE, 1929



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

DISTRIBUTION OF SPRING WHEAT ACREAGE, 1929



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

ACREAGE AND PRODUCTION OF SPRING WHEAT, 1929

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams-----	6,050	34	205,700	11,750	11	129,250	17,800	334,950
Alamosa-----	2,360	27	77,220	-----	-----	-----	2,360	77,220
Arapahoe-----	2,050	32	65,600	9,380	10	93,800	11,430	159,400
Archuleta-----	530	25	13,250	400	18	7,200	930	20,450
Baca-----	-----	-----	-----	6,780	11	74,580	6,780	74,580
Bent-----	110	28	3,080	190	11	2,090	300	5,170
Boulder-----	10,130	29	293,770	380	13	4,940	10,510	298,710
Chaffee-----	1,120	28	31,360	-----	-----	-----	1,120	31,360
Cheyenne-----	30	26	780	1,620	8	12,960	1,650	13,740
Clear Creek-----	-----	-----	-----	-----	-----	-----	-----	-----
Conejos-----	4,920	28	137,760	-----	-----	-----	4,920	137,760
Costilla-----	1,050	24	25,200	-----	-----	-----	1,050	25,200
Crowley-----	210	26	5,460	-----	-----	-----	210	5,460
Custer-----	170	24	4,080	750	15	11,250	920	15,330
Delta-----	3,100	34	105,400	-----	-----	-----	3,100	105,400
Denver-----	-----	-----	-----	1,890	17	32,130	1,890	32,130
Dolores-----	-----	-----	-----	960	13	12,480	960	12,980
Douglas-----	20	25	500	-----	-----	-----	-----	-----
Eagle-----	710	33	23,430	10	18	180	720	23,610
Elbert-----	-----	-----	-----	15,280	9	137,520	15,280	137,520
El Paso-----	340	26	8,840	3,110	11	34,210	3,450	43,050
Fremont-----	330	28	9,240	120	13	1,560	450	10,800
Garfield-----	4,020	32	128,640	1,090	25	27,250	5,110	155,890
Gilpin-----	-----	-----	-----	20	16	320	20	320
Grand-----	-----	-----	-----	-----	-----	-----	-----	-----
Gunnison-----	40	31	1,240	60	22	1,320	100	2,560
Hinsdale-----	-----	-----	-----	-----	-----	-----	-----	-----
Huerfano-----	50	33	1,650	210	13	3,780	260	5,430
Jackson-----	10	27	270	-----	-----	-----	10	270
Jefferson-----	4,470	32	143,040	630	16	10,080	5,100	153,120
Kiowa-----	-----	-----	-----	530	6	3,180	530	3,180
Kit Carson-----	-----	-----	-----	21,970	6	131,820	21,970	131,820
Lake-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata-----	9,720	27	262,440	1,400	17	23,800	11,120	286,240
Larimer-----	12,250	34	416,500	3,000	15	45,000	15,250	461,500
Las Animas-----	1,570	27	42,390	230	10	2,300	1,800	44,690
Lincoln-----	100	25	2,500	24,200	7	169,400	24,300	171,900
Logan-----	850	25	21,250	15,790	12	189,480	16,640	210,730
Mesa-----	3,990	31	123,690	320	14	4,480	4,310	123,170
Mineral-----	-----	-----	-----	-----	-----	-----	-----	-----
Moffat-----	180	34	6,120	4,900	19	93,100	5,080	99,220
Montezuma-----	3,410	31	105,710	2,970	17	50,490	6,380	156,200
Montrose-----	6,720	29	194,380	40	15	600	6,760	195,480
Morgan-----	310	31	9,610	16,690	12	200,280	17,000	209,890
Otero-----	910	28	25,480	30	17	510	940	25,990
Ouray-----	610	27	16,470	540	13	7,020	1,150	23,490
Park-----	-----	-----	-----	70	14	980	70	980
Phillips-----	-----	-----	-----	4,190	11	46,090	4,190	46,090
Pitkin-----	440	35	15,400	50	17	850	490	16,250
Prowers-----	390	30	11,700	1,600	10	16,000	1,990	27,700
Pueblo-----	680	33	22,440	1,100	13	14,300	1,780	36,740
Rio Blanco-----	350	35	12,250	2,500	23	57,500	2,850	69,750
Rio Grande-----	3,900	28	109,200	-----	-----	-----	3,900	109,200
Routt-----	570	33	18,810	3,170	21	171,570	3,740	190,380
Saguache-----	1,260	24	30,240	-----	-----	-----	1,260	30,240
San Juan-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	430	28	12,040	30	15	450	460	12,490
Sedgwick-----	470	27	12,690	360	12	4,320	830	17,010
Summit-----	30	27	810	-----	-----	-----	30	810
Teller-----	10	29	290	20	13	360	30	650
Washington-----	10	31	310	25,490	8	203,920	25,500	204,230
Weld-----	16,830	34	572,220	42,090	13	547,170	58,920	1,119,390
Yuma-----	140	29	4,060	12,640	8	101,120	12,780	105,180
State-----	108,450	30.7	3,335,010	245,550	10.9	2,682,990	354,000	6,018,000

DISTRIBUTION OF WHEAT ACREAGE, 1929

COUNTY	Total Acreage	SPRING WHEAT		WINTER WHEAT		IRRIGATED WHEAT		NON-IRRIGATED WHEAT	
		Acreage	Percent- age of Total W. Acreage	Acreage	Percent- age of Total W. Acreage	Acreage	Percent- age of Total W. Acreage	Acreage	Percent- age of Total W. Acreage
Adams-----	91,430	17,800	19.47	73,630	80.53	11,010	12.04	80,420	87.96
Alamosa-----	2,880	2,860	99.31	20	0.69	2,880	100.00	-----	-----
Arapahoe-----	59,730	11,430	19.14	48,300	80.86	3,130	5.24	56,600	94.76
Archuleta-----	950	930	97.89	20	2.11	540	56.84	410	43.16
Baca-----	80,140	6,780	8.46	73,360	91.54	-----	-----	80,140	100.00
Bent-----	3,880	300	7.73	3,580	92.27	3,690	95.10	190	4.90
Boulder-----	27,350	10,510	38.43	16,840	61.57	21,510	78.65	5,840	21.35
Chaffee-----	1,120	1,120	100.00	-----	-----	1,120	100.00	-----	-----
Cheyenne-----	7,990	1,650	20.65	6,340	79.35	30	0.38	7,960	99.62
Clear Creek-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Conejos-----	4,920	4,920	100.00	-----	-----	4,920	100.00	-----	-----
Costilla-----	1,450	1,050	72.41	400	27.59	1,450	100.00	-----	-----
Crowley-----	410	210	51.22	200	48.78	410	100.00	-----	-----
Custer-----	1,130	920	81.42	210	18.58	230	20.36	900	79.64
Delta-----	3,880	3,100	79.90	780	20.10	3,840	98.97	40	1.03
Denver-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dolores-----	3,550	1,890	53.24	1,660	46.76	-----	-----	3,550	100.00
Douglas-----	7,960	980	12.31	6,980	87.69	260	3.27	7,700	96.73
Eagle-----	720	720	100.00	-----	-----	710	98.61	10	1.39
Elbert-----	44,810	15,280	34.10	29,530	65.90	-----	-----	44,810	100.00
El Paso-----	6,310	3,450	54.68	2,860	45.32	550	8.72	5,760	91.28
Fremont-----	850	450	52.94	400	47.06	680	80.00	170	20.00
Garfield-----	5,530	5,110	92.41	420	7.59	4,210	76.13	1,320	23.87
Gilpin-----	20	20	100.00	-----	-----	-----	-----	20	100.00
Grand-----	150	-----	-----	150	100.00	50	33.33	100	66.67
Gunnison-----	150	100	66.67	50	33.34	50	33.33	100	66.67
Hinsdale-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Huerfano-----	3,550	260	7.32	3,290	92.68	420	11.88	3,130	88.17
Jackson-----	10	10	100.00	-----	-----	10	100.00	-----	-----
Jefferson-----	13,640	5,100	37.39	8,540	62.61	9,870	72.36	3,770	27.64
Kiowa-----	3,650	530	15.42	3,120	85.48	-----	-----	3,650	100.00
Kit Carson-----	80,140	21,970	27.41	58,170	72.59	-----	-----	80,140	100.00
Lake-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata-----	12,240	11,120	90.85	1,120	9.15	10,420	85.13	1,820	14.87
Larimer-----	28,900	15,250	52.77	13,650	47.23	15,270	52.84	13,630	47.16
Las Animas-----	5,700	1,800	31.58	3,900	68.42	3,500	61.40	2,200	38.60
Lincoln-----	73,230	24,300	33.18	48,930	66.82	100	0.14	73,130	99.86
Logan-----	139,760	16,640	11.91	123,120	88.09	2,040	1.46	137,720	98.54
Mesa-----	7,660	4,310	56.27	3,350	43.73	6,410	83.68	1,250	16.32
Mineral-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Moffat-----	12,870	5,080	39.47	7,790	60.53	230	1.79	12,640	98.21
Montezuma-----	8,030	6,380	79.45	1,650	20.55	3,870	48.19	4,160	51.81
Montrose-----	7,840	6,760	86.22	1,080	13.78	7,680	97.96	160	2.04
Morgan-----	43,990	17,000	38.65	26,990	61.35	1,310	2.98	42,680	97.02
Otero-----	2,510	940	37.45	1,570	62.55	2,300	91.63	210	8.37
Ouray-----	1,220	1,150	94.26	70	5.74	620	50.82	600	49.18
Park-----	70	70	100.00	-----	-----	-----	-----	70	100.00
Phillips-----	105,990	4,190	3.95	101,800	96.05	-----	-----	105,990	100.00
Pitkin-----	490	490	100.00	-----	-----	440	89.80	50	10.20
Prowers-----	21,260	1,990	9.36	19,270	90.64	6,490	30.53	14,770	69.47
Pueblo-----	8,960	1,780	19.87	7,180	80.13	2,050	22.88	6,910	77.12
Rio Blanco-----	5,390	2,850	52.88	2,540	47.12	430	7.98	4,960	92.02
Rio Grande-----	3,900	3,900	100.00	-----	-----	3,900	-----	-----	-----
Routt-----	10,240	8,740	85.35	1,500	14.65	800	7.80	9,440	92.20
Saguache-----	2,500	1,260	50.40	1,240	49.60	2,500	100.00	-----	-----
San Juan-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	1,180	460	38.98	720	61.02	510	43.22	670	56.78
Sedgwick-----	62,520	830	1.33	61,690	98.67	630	1.01	61,890	98.99
Summit-----	30	30	100.00	-----	-----	30	100.00	-----	-----
Teller-----	30	30	100.00	-----	-----	10	33.33	20	66.67
Washington-----	111,420	25,500	22.89	85,920	77.11	110	0.10	111,310	99.90
Weld-----	152,940	58,920	38.52	94,020	61.48	31,450	20.56	121,490	79.44
Yuma-----	107,830	12,780	11.85	95,050	88.15	140	0.13	107,690	99.87
State-----	1,397,000	354,000	25.34	1,043,000	74.66	174,810	12.51	1,222,190	87.49

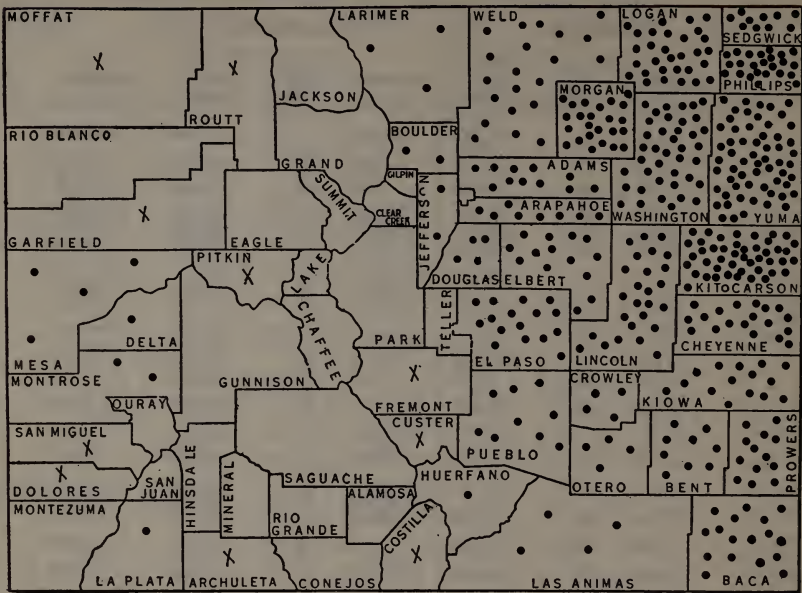
DISTRIBUTION OF WHEAT PRODUCTION, 1929

COUNTY	Total Production Bushels	SPRING WHEAT		WINTER WHEAT		IRRIGATED		NON-IRRIGATED	
		Bushels	Percentage of all Wheat Production	Bushels	Percentage of all Wheat Production	Bushels	Percentage of all Wheat Production	Bushels	Percentage of all Wheat Production
Adams-----	1,140,690	334,950	29.36	805,740	70.64	324,740	28.47	815,950	71.53
Alamosa-----	77,820	77,220	99.23	600	0.77	77,820	100.00	---	---
Arapahoe-----	712,300	159,400	22.38	552,900	77.62	99,080	13.91	613,220	86.09
Archuleta-----	20,930	20,450	97.71	480	2.29	13,530	64.64	7,400	35.36
Baca-----	1,174,980	74,580	6.35	1,100,400	93.65	---	---	1,174,980	100.00
Bent-----	119,730	5,170	4.32	114,560	95.68	117,640	98.25	2,090	1.75
Boulder-----	693,790	298,710	43.05	395,080	56.95	612,410	88.27	81,380	11.73
Chaffee-----	31,360	31,360	100.00	---	---	31,360	100.00	---	---
Cheyenne-----	58,120	13,740	23.64	44,380	76.36	780	1.34	57,340	98.66
Clear Creek-----	---	---	---	---	---	---	---	---	---
Conejos-----	137,760	137,760	100.00	---	---	137,760	100.00	---	---
Costilla-----	37,600	25,200	67.02	12,400	32.98	37,600	100.00	---	---
Crowley-----	11,660	5,460	46.83	6,200	53.17	11,660	100.00	---	---
Custer-----	19,110	15,330	80.22	3,780	19.78	5,760	30.14	13,350	69.86
Delta-----	128,400	105,400	82.09	23,000	17.91	127,600	99.38	800	0.62
Denver-----	---	---	---	---	---	---	---	---	---
Dolores-----	57,030	32,130	56.34	24,900	43.66	---	---	57,030	100.00
Douglas-----	106,600	12,980	12.18	93,620	87.82	6,500	6.10	100,100	93.90
Eagle-----	23,610	23,610	100.00	---	---	23,430	99.24	180	0.76
Elbert-----	432,820	137,520	31.77	295,300	68.23	---	---	432,820	100.00
El Paso-----	80,520	43,050	53.46	37,470	46.54	14,510	18.02	66,010	81.98
Fremont-----	21,950	10,800	49.20	11,150	50.80	19,740	89.93	2,210	10.07
Garfield-----	167,030	155,890	93.33	11,140	6.67	134,720	80.66	32,310	19.34
Gilpin-----	320	320	100.00	---	---	---	---	320	100.00
Grand-----	3,400	---	---	3,400	100.00	1,500	44.12	1,900	55.88
Gunnison-----	3,680	2,560	69.57	1,120	30.43	1,560	42.39	2,120	57.61
Hinsdale-----	---	---	---	---	---	---	---	---	---
Huerfano-----	55,930	5,430	9.71	50,500	90.29	11,270	20.15	44,660	79.85
Jackson-----	270	270	100.00	---	---	270	100.00	---	---
Jefferson-----	353,680	153,120	43.29	200,560	56.71	299,640	84.72	54,040	15.28
Kiowa-----	18,780	3,180	16.93	15,600	83.07	---	---	18,780	100.00
Kit Carson-----	480,840	131,820	27.42	349,020	72.58	---	---	480,840	100.00
Lake-----	---	---	---	---	---	---	---	---	---
La Plata-----	313,120	286,240	91.41	26,880	8.59	281,340	89.85	31,780	10.15
Larimer-----	706,960	461,500	65.28	245,460	34.72	513,140	72.58	193,820	27.42
Las Animas-----	128,120	44,690	34.88	83,430	65.12	104,150	81.29	23,970	18.71
Lincoln-----	514,410	171,900	33.42	342,510	66.58	2,500	0.49	511,910	99.51
Logan-----	1,462,160	210,730	14.41	1,251,430	85.59	53,380	3.65	1,408,780	96.35
Mesa-----	218,440	128,170	58.68	90,270	41.32	196,290	89.86	22,150	10.14
Mineral-----	---	---	---	---	---	---	---	---	---
Moffat-----	240,240	99,220	41.30	141,020	58.70	7,820	3.26	232,420	96.74
Montezuma-----	189,120	156,200	82.59	32,920	17.41	117,210	61.98	71,910	38.02
Montrose-----	227,400	195,480	85.96	31,920	14.04	224,640	98.79	2,760	1.21
Morgan-----	498,790	209,890	42.08	288,900	57.92	38,610	7.74	460,180	92.26
Otero-----	73,170	25,990	35.52	47,180	64.48	69,960	95.61	3,210	4.39
Ouray-----	24,810	23,490	94.68	1,320	5.32	16,770	67.59	8,040	32.41
Park-----	980	980	100.00	---	---	---	---	980	100.00
Phillips-----	1,165,890	46,090	3.95	1,119,800	96.05	---	---	1,165,890	100.00
Pitkin-----	16,250	16,250	100.00	---	---	15,400	94.77	850	5.23
Prowers-----	361,670	27,700	7.66	333,970	92.34	200,800	55.52	160,870	44.48
Pueblo-----	150,300	36,740	24.44	113,560	75.56	66,280	44.10	84,020	55.90
Rio Blanco-----	121,910	69,750	57.21	52,160	42.79	15,210	12.48	106,700	87.52
Rio Grande-----	109,200	109,200	100.00	---	---	109,200	100.00	---	---
Routt-----	225,220	190,380	84.53	34,840	15.47	25,710	11.42	199,510	88.58
Saguache-----	68,680	30,240	44.03	38,440	55.97	68,680	100.00	---	---
San Juan-----	---	---	---	---	---	---	---	---	---
San Miguel-----	25,130	12,490	49.70	12,640	50.30	14,440	57.46	10,690	42.54
Sedgwick-----	637,110	17,010	2.67	620,100	97.33	17,490	2.75	619,620	97.25
Summit-----	810	810	100.00	---	---	810	100.00	---	---
Teller-----	650	650	100.00	---	---	290	44.62	360	55.38
Washington-----	807,870	204,230	25.28	603,640	74.72	3,210	0.40	804,660	99.60
Weld-----	2,402,150	1,119,390	46.60	1,282,760	53.40	981,580	40.86	1,420,570	59.14
Yuma-----	1,150,730	105,180	9.14	1,045,550	90.86	4,060	0.35	1,146,670	99.65
State-----	18,012,000	6,018,000	33.41	11,994,000	66.59	5,259,850	29.20	12,752,150	70.80

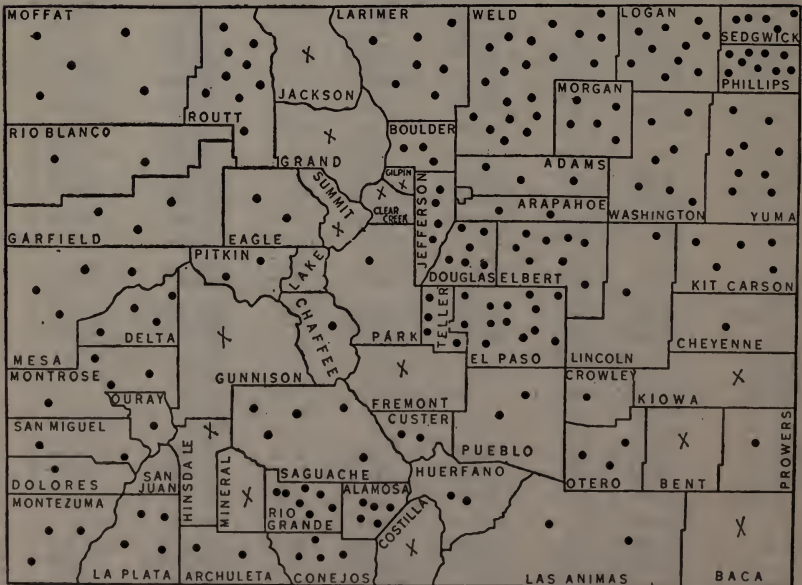
ACREAGE AND PRODUCTION OF CORN, 1929

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acceage	Average Yield	Production Bushels	Acceage	Average Yield	Production Bushels	Acceage	Production Bushels
Adams	2,180	40	87,200	30,120	14	421,680	32,300	508,880
Alamosa	---	---	---	---	---	---	---	---
Arapahoe	840	32	26,880	21,660	16	346,560	22,500	373,440
Archuleta	120	40	4,800	60	20	1,200	180	6,000
Baca	280	37	10,360	52,120	18	938,160	52,400	948,520
Bent	13,440	39	524,160	14,460	14	202,440	27,900	726,600
Boulder	5,140	32	164,480	2,060	17	35,020	7,200	199,500
Chaffee	---	---	---	---	---	---	---	---
Cheyenne	---	---	---	56,200	13	730,600	56,200	730,600
Clear Creek	---	---	---	---	---	---	---	---
Conejos	---	---	---	---	---	---	---	---
Costilla	---	---	---	---	---	---	---	---
Crowley	6,530	36	235,080	6,770	15	101,550	13,300	336,630
Custer	60	38	2,280	680	16	10,880	740	13,160
Delta	3,480	42	146,160	120	22	2,640	3,600	148,800
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	2,050	18	36,900	2,050	36,900
Douglas	20	33	660	13,080	14	183,120	13,100	183,780
Eagle	---	---	---	---	---	---	---	---
Elbert	---	---	---	43,300	14	606,200	43,300	606,200
El Paso	1,180	30	35,400	45,870	14	642,180	47,050	677,580
Fremont	1,800	40	72,000	940	19	17,860	2,740	89,860
Garfield	820	38	31,160	200	17	3,400	1,020	34,560
Gilpin	---	---	---	---	---	---	---	---
Grand	---	---	---	---	---	---	---	---
Gunnison	---	---	---	---	---	---	---	---
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	280	36	10,080	4,020	15	60,300	4,300	70,380
Jackson	---	---	---	---	---	---	---	---
Jefferson	3,450	34	117,300	2,350	18	42,300	5,800	159,600
Kiowa	---	---	---	45,400	13	590,200	45,400	590,200
Kit Carson	---	---	---	137,960	11	1,517,560	137,960	1,517,560
Lake	---	---	---	---	---	---	---	---
La Plata	1,450	35	50,750	1,760	22	38,720	3,210	89,470
Larimer	6,370	34	216,580	3,550	17	60,350	9,920	276,930
Las Animas	1,710	37	63,270	9,790	15	146,850	11,500	210,120
Lincoln	---	---	---	76,560	11	842,160	76,560	842,160
Logan	4,230	35	148,050	86,970	17	1,478,490	91,200	1,626,540
Mesa	11,030	40	441,200	470	17	7,990	11,500	449,190
Mineral	---	---	---	---	---	---	---	---
Moffat	---	---	---	1,860	18	33,480	1,860	33,480
Montezuma	690	38	26,220	2,940	22	64,680	3,630	90,900
Montrose	4,840	41	198,440	340	19	6,460	5,180	204,900
Morgan	7,030	38	267,140	66,170	16	1,058,720	73,200	1,325,860
Otero	9,760	41	400,160	1,040	16	16,640	10,800	416,800
Ouray	---	---	---	---	---	---	---	---
Park	---	---	---	---	---	---	---	---
Phillips	---	---	---	66,500	17	1,130,500	66,500	1,130,500
Pitkin	10	40	400	---	---	---	10	400
Prowers	18,790	41	770,390	19,610	15	294,150	38,400	1,064,540
Pueblo	9,460	37	350,020	16,830	15	252,450	26,290	602,470
Rio Blanco	---	---	---	---	---	---	---	---
Rio Grande	---	---	---	---	---	---	---	---
Routt	250	33	8,250	---	---	---	250	8,250
Saguache	---	---	---	---	---	---	---	---
San Juan	---	---	---	---	---	---	---	---
San Miguel	40	36	1,440	210	17	3,570	250	5,010
Sedgwick	1,530	38	58,140	28,070	15	421,050	29,600	479,190
Summit	---	---	---	---	---	---	---	---
Teller	---	---	---	---	---	---	---	---
Washington	600	41	24,600	123,800	15	1,857,000	124,400	1,881,600
Weid	16,910	39	659,490	67,190	15	1,007,850	84,100	1,667,340
Yuma	---	---	---	178,600	16	2,857,600	178,600	2,857,600
State	134,320	38.3	5,152,540	1,231,680	14.5	18,069,460	1,366,000	23,222,000

DISTRIBUTION OF CORN ACREAGE, 1929



DISTRIBUTION OF OATS ACREAGE, 1929



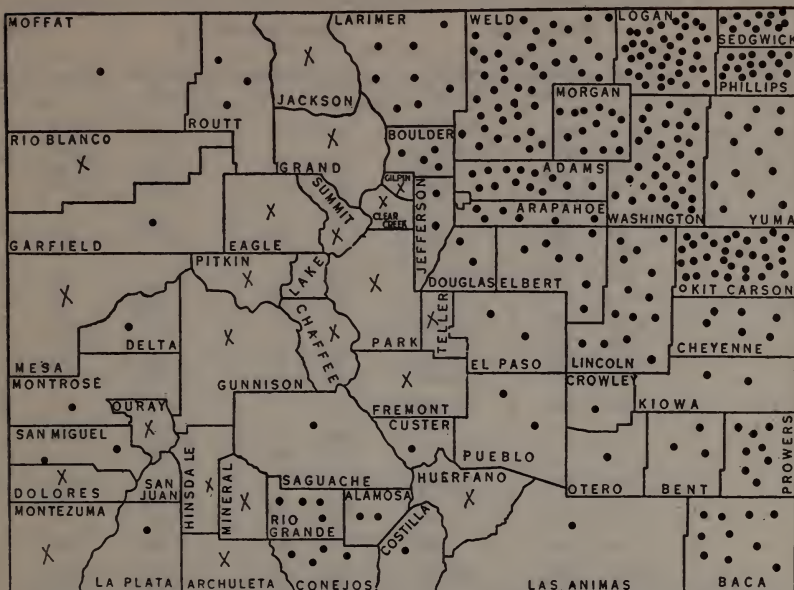
ACREAGE AND PRODUCTION OF OATS, 1929

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	2,440	51	124,440	1,050	19	19,950	3,490	144,390
Alamosa	5,400	41	221,400	---	---	---	5,400	221,400
Arapahoe	720	48	34,560	1,390	17	23,630	2,110	58,190
Archuleta	700	38	26,600	1,360	20	27,200	2,060	53,800
Baca	180	33	5,940	220	15	3,300	400	9,240
Bent	890	48	42,720	20	19	380	910	43,100
Boulder	2,750	40	110,000	290	22	6,380	3,040	116,380
Chaffee	1,480	35	51,800	---	---	---	1,480	51,800
Cheyenne	---	---	---	1,370	12	16,440	1,370	16,440
Clear Creek	---	---	---	190	22	4,180	190	4,180
Conejos	3,660	45	164,700	---	---	---	3,660	164,700
Costilla	680	47	31,960	---	---	---	680	31,960
Crowley	1,100	45	49,500	---	---	---	1,100	49,500
Custer	650	43	27,950	1,780	13	23,140	2,430	51,090
Delta	3,930	49	192,570	90	21	1,890	4,020	194,460
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	1,080	25	27,000	1,080	27,000
Douglas	20	39	780	5,950	17	101,150	5,970	101,930
Eagle	2,080	41	85,280	30	23	690	2,110	85,970
Elbert	---	---	---	7,990	18	143,820	7,990	143,820
El Paso	220	36	7,920	12,310	19	233,890	12,530	241,810
Fremont	310	46	14,260	520	21	10,920	830	25,180
Garfield	2,510	51	128,010	150	22	3,300	2,660	131,310
Gilpin	---	---	---	250	25	6,250	250	6,250
Grand	740	41	30,340	---	---	---	740	30,340
Gunnison	190	39	7,410	440	23	10,120	630	17,530
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	730	47	34,310	830	21	17,430	1,560	51,740
Jackson	90	36	3,240	20	23	460	110	3,700
Jefferson	2,150	43	92,450	1,780	26	46,280	3,930	138,730
Kiowa	---	---	---	280	10	2,800	280	2,800
Kit Carson	---	---	---	4,540	12	54,480	4,540	54,480
Lake	---	---	---	---	---	---	---	---
La Plata	3,190	41	130,790	810	21	17,010	4,000	147,800
Larimer	5,480	48	263,040	1,020	28	28,560	6,500	291,600
Las Animas	750	37	27,750	930	16	14,880	1,680	42,630
Lincoln	---	---	---	1,670	11	18,370	1,670	18,370
Logan	3,770	42	158,340	6,570	18	118,260	10,340	276,600
Mesa	3,580	51	182,580	240	25	6,000	3,820	188,580
Mineral	240	43	10,320	---	---	---	240	10,320
Moffat	370	41	15,170	4,290	26	111,540	4,660	126,710
Montezuma	2,740	43	117,820	740	22	16,280	3,480	134,100
Montrose	3,990	49	195,510	100	21	2,100	4,090	197,610
Morgan	2,570	51	131,070	2,030	15	30,450	4,600	161,520
Otero	3,150	49	154,350	80	20	1,600	3,230	155,950
Ouray	960	53	50,880	120	29	3,480	1,080	54,360
Park	---	---	---	1,520	24	36,480	1,520	36,480
Phillips	---	---	---	9,180	20	183,600	9,180	183,600
Pitkin	1,510	35	52,850	---	---	---	1,510	52,850
Prowers	940	51	47,940	420	14	5,880	1,360	53,820
Pueblo	920	45	41,400	970	15	14,550	1,890	55,950
Rio Blanco	670	51	34,170	940	25	23,500	1,610	57,670
Rio Grande	7,450	40	298,000	---	---	---	7,450	298,000
Routt	450	49	22,050	8,500	31	263,500	8,950	285,550
Saguache	5,180	38	196,840	---	---	---	5,180	196,840
San Juan	---	---	---	---	---	---	---	---
San Miguel	750	45	33,750	1,370	21	28,770	2,120	62,520
Sedgwick	1,140	47	53,580	4,040	19	76,760	5,180	130,340
Summit	170	45	7,650	---	---	---	170	7,650
Teller	---	---	---	3,520	27	95,040	3,520	95,040
Washington	110	47	5,170	6,710	12	80,520	6,820	85,690
Weld	11,640	51	593,640	8,290	17	140,930	19,930	734,570
Yuma	---	---	---	8,670	18	156,060	8,670	156,060
State	95,340	45.2	4,312,800	116,660	19.4	2,259,200	212,000	6,572,000

ACREAGE AND PRODUCTION OF BARLEY, 1929

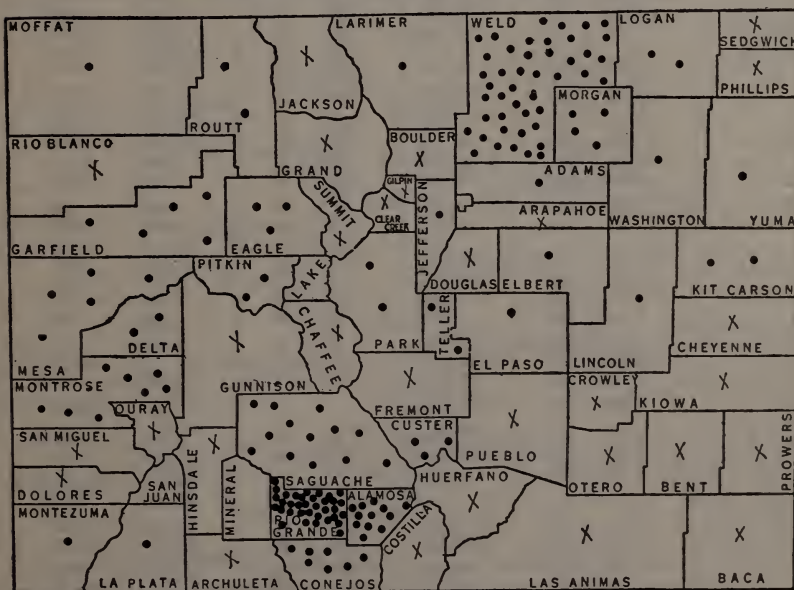
COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	3,910	40	156,400	21,660	12	259,920	25,570	416,320
Alamosa	4,860	34	165,240				4,860	165,240
Arapahoe	1,180	44	51,920	10,170	17	172,890	11,350	224,810
Archuleta	180	37	6,660	160	20	3,200	340	9,860
Baca				20,700	16	331,200	20,700	331,200
Bent	5,110	43	219,730	130	17	2,210	5,240	221,940
Boulder	7,590	38	288,420	300	18	5,400	7,890	293,820
Chaffee	1,820	45	81,900				1,820	81,900
Cheyenne				11,910	9	107,190	11,910	107,190
Clear Creek				10	17	170	10	170
Conejos	7,280	44	320,320				7,280	320,320
Costilla	2,500	44	110,000				2,500	110,000
Crowley	2,480	49	121,520	50	19	950	2,530	122,470
Custer	560	39	21,840	1,510	16	24,160	2,070	46,000
Delta	2,750	50	137,500	30	20	600	2,780	138,100
Denver								
Dolores				420	20	8,400	420	8,400
Douglas				4,390	18	79,020	4,390	79,020
Eagle	470	50	23,500	70	24	1,680	540	25,180
Elbert				14,850	13	193,050	14,850	193,050
El Paso	710	30	21,300	2,990	13	38,870	3,700	60,170
Fremont	550	41	22,550	410	17	6,970	960	29,520
Garfield	2,100	45	94,500	140	20	2,800	2,240	97,300
Gilpin				30	17	510	30	510
Grand	430	55	23,650				430	23,650
Gunnison	400	30	12,000	270	17	4,590	670	16,590
Hinsdale	50	35	1,750	10	19	190	60	1,940
Huerfano	600	45	27,000	880	25	22,000	1,480	49,000
Jackson	90	27	2,430	20	21	420	110	2,850
Jefferson	2,900	42	121,800	770	14	10,780	3,670	132,580
Kiowa				4,110	10	41,100	4,110	41,100
Kit Carson				63,500	9	571,500	63,500	571,500
Lake								
La Plata	2,040	40	81,600	630	22	13,860	2,670	95,460
Larimer	14,730	49	721,770	2,300	16	36,800	17,030	758,570
Las Animas	740	47	34,780	1,850	14	25,900	2,590	60,680
Lincoln				27,490	8	219,920	27,490	219,920
Logan	15,000	42	630,000	59,840	14	837,760	74,840	1,467,760
Mesa	1,830	42	76,860	90	20	1,800	1,920	78,660
Mineral	190	39	7,410				190	7,410
Moffat	250	48	12,000	1,930	27	52,110	2,180	64,110
Montezuma	790	40	31,600	430	21	9,030	1,220	40,630
Montrose	2,640	44	116,160	30	20	600	2,670	116,760
Morgan	9,490	48	455,520	16,990	14	237,860	26,480	693,380
Otero	2,650	44	116,600				2,650	116,600
Ouray	220	42	9,240	670	19	12,730	890	21,970
Park				1,280	22	28,160	1,280	28,160
Phillips				29,630	15	444,450	29,630	444,450
Pitkin	210	46	9,660				210	9,660
Prowers	7,660	49	375,340	8,030	13	104,390	15,690	479,730
Pueblo	3,840	49	188,160	1,020	15	15,300	4,860	203,460
Rio Blanco	100	45	4,500	380	25	9,500	480	14,000
Rio Grande	7,770	34	264,180				7,770	264,180
Routt	70	44	3,080	6,150	29	178,350	6,220	181,430
Saguache	3,240	32	103,680	10	19	190	3,250	103,870
San Juan								
San Miguel	1,300	47	61,100	3,030	20	60,600	4,330	121,700
Sedgwick	3,730	44	164,120	19,230	17	326,910	22,960	491,030
Summit	70	44	3,080				70	3,080
Teller				1,150	17	19,550	1,150	19,550
Washington	880	38	33,440	71,070	9	639,630	71,950	673,070
Weld	37,780	50	1,889,000	45,930	16	734,880	83,710	2,623,880
Yuma	10	34	340	26,600	13	345,800	26,610	346,140
State	165,750	44.8	7,425,150	485,250	12.9	6,245,850	651,000	13,671,000

DISTRIBUTION OF BARLEY ACREAGE, 1929



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

DISTRIBUTION OF POTATO ACREAGE, 1929

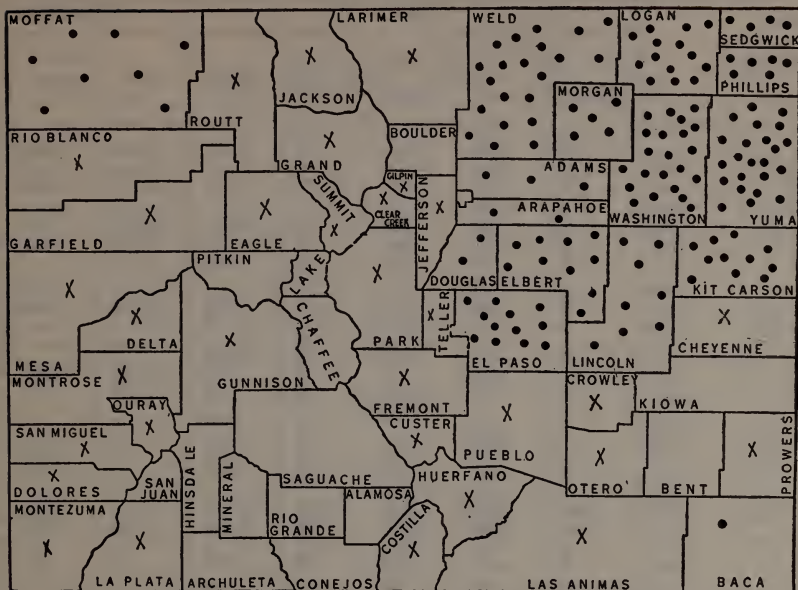


Each dot represents 500 acres; cross represents acreages of less than 500.

ACREAGE AND PRODUCTION OF POTATOES, 1929

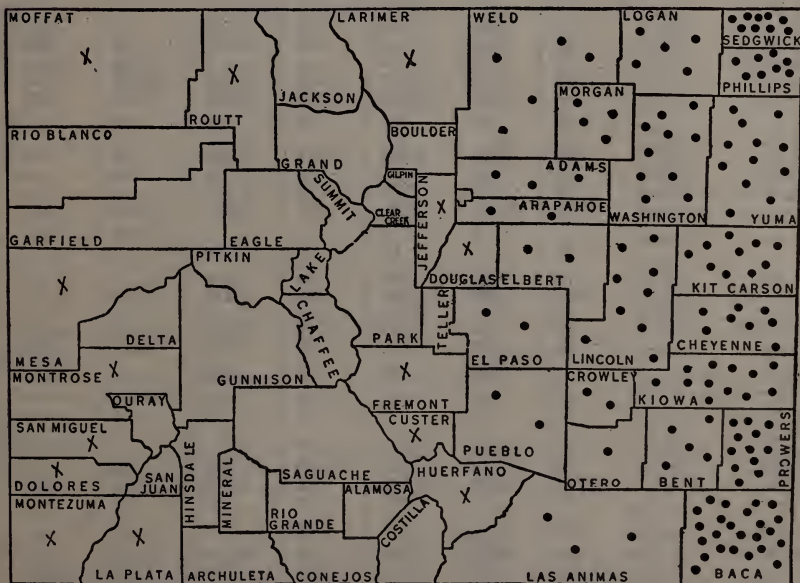
COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	600	140	84,000	70	55	3,850	670	87,850
Alamosa	5,800	180	1,044,000	---	---	---	5,800	1,044,000
Arapahoe	20	100	2,000	10	60	600	30	2,600
Archuleta	50	100	5,000	170	70	11,900	220	16,900
Baca	---	---	---	---	---	---	---	---
Bent	5	120	600	10	60	600	15	1,200
Boulder	160	87	13,920	---	---	---	160	13,920
Chaffee	300	105	31,500	---	---	---	300	31,500
Cheyenne	---	---	---	60	45	2,700	60	2,700
Clear Creek	---	---	---	10	50	500	10	500
Conejos	3,400	143	486,200	---	---	---	3,400	486,200
Costilla	330	120	39,600	---	---	---	330	39,600
Crowley	10	110	1,100	10	60	600	20	1,700
Custer	200	160	32,000	1,150	95	109,250	1,350	141,250
Delta	870	165	143,550	80	70	5,600	950	149,150
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	260	78	20,280	260	20,280
Douglas	---	---	---	110	69	7,590	110	7,590
Eagle	1,350	209	282,150	---	---	---	1,350	282,150
Elbert	---	---	---	550	46	25,300	550	25,300
El Paso	---	---	---	650	63	40,950	650	40,950
Fremont	20	140	2,800	310	100	31,000	330	33,800
Garfield	2,400	200	480,000	160	75	12,000	2,560	492,000
Gilpin	---	---	---	85	50	4,250	85	4,250
Grand	65	100	6,500	10	45	450	75	6,950
Gunnison	150	90	13,500	90	40	3,600	240	17,100
Hinsdale	80	140	11,200	---	---	---	80	11,200
Huerfano	15	140	2,100	60	80	4,800	75	6,900
Jackson	10	60	600	10	55	550	20	1,150
Jefferson	80	110	8,800	550	69	37,950	630	46,750
Kiowa	10	100	1,000	10	25	250	20	1,250
Kit Carson	---	---	---	800	31	24,800	800	24,800
Lake	---	---	---	---	---	---	---	---
La Plata	600	108	64,800	150	62	9,300	750	74,100
Larimer	400	91	36,400	100	40	4,000	500	40,400
Las Animas	10	120	1,200	90	25	2,250	100	3,450
Lincoln	---	---	---	700	52	36,400	700	36,400
Logan	500	105	52,500	700	60	42,000	1,200	94,500
Mesa	2,100	155	325,500	300	65	19,500	2,400	345,000
Mineral	---	---	---	---	---	---	---	---
Moffat	10	100	1,000	650	80	52,000	660	53,000
Montezuma	500	150	75,000	250	95	23,750	750	98,750
Montrose	4,200	196	823,200	50	79	3,950	4,250	827,150
Morgan	2,000	164	328,000	100	50	5,000	2,100	333,000
Otero	20	100	2,000	10	60	600	30	2,600
Ouray	200	194	38,800	60	85	5,100	260	43,900
Park	---	---	---	1,135	100	113,500	1,135	113,500
Phillips	---	---	---	300	60	18,000	300	18,000
Pitkin	1,000	170	170,000	---	---	---	1,000	170,000
Prowers	10	100	1,000	20	66	1,320	30	2,320
Pueblo	10	130	1,300	10	80	800	20	2,100
Rio Blanco	10	100	1,000	40	60	2,400	50	3,400
Rio Grande	17,250	185	3,191,250	---	---	---	17,250	3,191,250
Routt	75	140	10,500	800	110	88,000	875	98,500
Saguache	6,550	166	1,087,300	---	---	---	6,550	1,087,300
San Juan	---	---	---	---	---	---	---	---
San Miguel	80	100	8,000	110	80	8,800	190	16,800
Sedgwick	220	110	24,200	175	40	7,000	395	31,200
Summit	45	130	5,850	---	---	---	45	5,850
Teller	---	---	---	1,050	80	84,000	1,050	84,000
Washington	20	140	2,800	550	40	22,000	570	24,800
Weld	22,100	108	2,386,800	860	53	46,000	22,960	2,432,800
Yuma	50	100	5,000	680	58	39,440	730	44,440
State	73,885	153.4	11,335,520	14,115	69.7	984,480	88,000	12,320,000

DISTRIBUTION OF RYE ACREAGE, 1929



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

DISTRIBUTION OF SORGHUMS, 1929



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

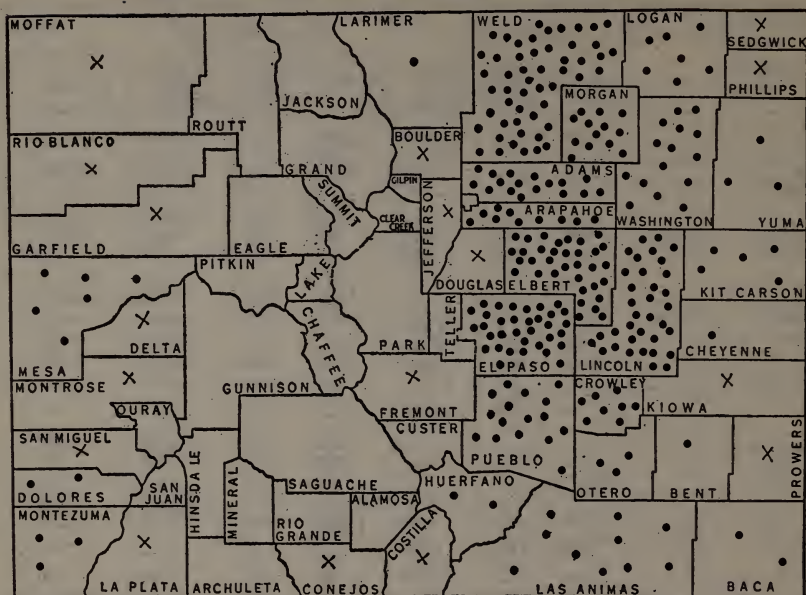
ACREAGE OF RYE AND SORGHUMS, 1929

COUNTY	RYE					SORGHUMS		
	RYE FOR GRAIN			Rye for Pasture	All Rye	Grain	Sweet	Total
	Spring	Fall	Total					
Adams	235	1,605	1,840	680	2,520	2,100	3,640	5,740
Alamosa	---	---	---	---	---	---	---	---
Arapahoe	130	1,040	1,170	430	1,600	1,680	2,230	3,910
Archuleta	---	---	---	---	---	---	---	---
Baca	5	400	405	150	555	47,560	920	48,480
Bent	---	---	---	---	---	3,390	250	9,640
Boulder	190	20	210	80	290	---	---	---
Chaffee	---	---	---	---	---	---	---	---
Cheyenne	90	150	240	90	330	15,860	1,330	17,190
Clear Creek	5	---	5	---	5	---	---	---
Conejos	---	---	---	---	---	---	---	---
Costilla	105	---	105	40	145	---	---	---
Crowley	---	10	10	5	15	2,730	2,030	4,760
Custer	50	205	255	90	345	80	---	80
Delta	10	5	15	5	20	---	---	---
Denver	---	---	---	---	---	---	---	---
Dolores	---	250	250	90	340	80	380	466
Douglas	10	1,030	1,040	385	1,425	40	500	540
Eagle	5	---	5	---	5	---	---	---
Elbert	1,785	3,505	5,290	1,960	7,250	1,940	2,240	4,180
El Paso	3,690	2,235	5,925	2,195	8,120	3,870	470	4,340
Fremont	70	30	100	40	140	40	60	100
Garfield	15	40	55	20	75	---	---	---
Gilpin	5	---	5	---	5	---	---	---
Grand	90	50	140	50	190	---	---	---
Gunnison	30	5	35	10	45	---	---	---
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	25	55	80	30	110	80	370	450
Jackson	---	40	40	15	55	---	---	---
Jefferson	30	5	35	10	45	190	20	210
Kiowa	---	---	---	---	---	12,820	10,890	23,710
Kit Carson	105	5,480	5,585	2,070	7,655	14,850	5,400	20,250
Lake	---	---	---	---	---	---	---	---
La Plata	---	10	10	5	15	70	210	280
Larimer	50	30	80	30	110	30	50	80
Las Animas	---	5	5	---	5	5,230	1,040	6,320
Lincoln	550	3,380	3,930	1,455	5,385	14,650	3,170	17,820
Logan	660	6,260	6,920	2,565	9,485	2,880	7,390	10,270
Mesa	110	165	275	100	375	180	60	240
Mineral	---	---	---	---	---	---	---	---
Monte	735	3,405	4,140	1,540	5,680	80	60	140
Montezuma	40	30	70	25	95	260	80	340
Montrose	70	10	80	30	110	---	---	---
Morgan	330	2,355	2,685	995	3,680	5,190	3,590	8,780
Otero	---	5	5	---	5	2,080	150	2,230
Ouray	50	---	50	20	70	---	---	---
Park	310	40	350	130	480	---	---	---
Phillips	315	3,075	3,390	1,255	4,645	2,330	5,190	7,520
Pitkin	---	---	---	---	---	---	---	---
Prowers	20	40	60	25	85	22,650	1,940	24,590
Pueblo	55	150	205	75	280	4,590	580	5,170
Rio Blanco	50	200	250	90	340	---	---	---
Rio Grande	---	---	---	---	---	---	---	---
Routt	20	15	35	10	45	70	---	70
Saguache	---	---	---	---	---	---	---	---
San Juan	---	---	---	---	---	---	---	---
San Miguel	5	85	90	35	125	170	---	170
Sedgwick	270	1,910	2,180	810	2,990	760	1,030	1,790
Summit	25	---	25	10	35	---	---	---
Teller	110	---	110	45	155	---	---	---
Washington	670	10,400	11,070	4,100	15,170	14,090	6,350	20,440
Weld	3,780	6,670	10,450	3,870	14,320	4,740	5,990	10,730
Yuma	660	11,035	11,695	4,335	16,030	11,590	12,390	23,980
State	15,565	65,435	81,000	30,000	111,000	205,000	80,000	285,000

ACREAGE AND PRODUCTION OF DRY BEANS, 1929

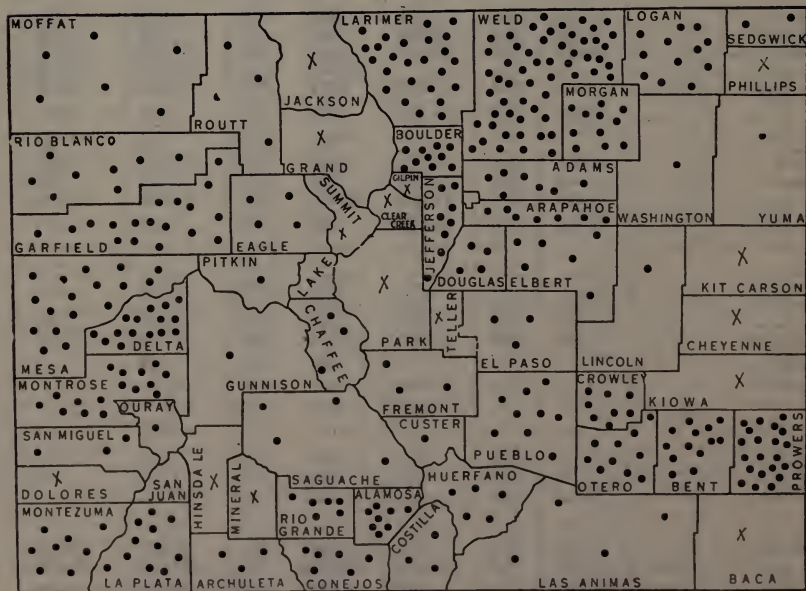
COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	1,160	13.5	15,660	16,550	5.0	82,750	17,710	98,410
Alamosa	---	---	---	---	---	---	---	---
Arapahoe	190	12.4	2,360	10,590	6.3	66,720	10,780	69,080
Archuleta	---	---	---	---	---	---	---	---
Baca	---	---	---	2,570	4.7	12,080	2,570	12,080
Bent	980	11.6	11,370	780	4.7	3,430	1,710	14,800
Boulder	40	13.6	540	30	5.0	150	70	690
Chaffee	---	---	---	---	---	---	---	---
Cheyenne	---	---	---	1,660	4.0	6,640	1,660	6,640
Clear Creek	---	---	---	---	---	---	---	---
Conejos	100	14.5	1,450	---	---	---	100	1,450
Costilla	120	12.0	1,440	---	---	---	120	1,440
Crowley	1,860	13.0	24,180	6,280	4.8	30,140	8,140	54,320
Custer	---	---	---	---	---	---	---	---
Delta	90	22.0	1,980	---	---	---	90	1,980
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	1,920	8.0	15,360	1,920	15,360
Douglas	---	---	---	600	6.2	3,720	600	3,720
Eagle	---	---	---	---	---	---	---	---
Elbert	---	---	---	34,760	4.7	163,370	34,760	163,370
El Paso	60	14.0	840	34,200	4.6	157,320	34,260	158,160
Fremont	100	13.1	1,310	---	---	---	100	1,310
Garfield	150	13.5	2,780	20	6.0	120	170	2,900
Gilpin	---	---	---	---	---	---	---	---
Grand	---	---	---	---	---	---	---	---
Gunnison	---	---	---	---	---	---	---	---
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	210	11.5	2,420	1,790	5.0	8,950	2,000	11,370
Jackson	---	---	---	---	---	---	---	---
Jefferson	150	14.0	2,100	---	---	---	150	2,100
Kiowa	---	---	---	470	3.5	1,650	470	1,650
Kit Carson	---	---	---	5,020	2.8	14,060	5,020	14,060
Lake	---	---	---	---	---	---	---	---
La Plata	300	16.0	4,800	140	8.0	1,120	440	5,920
Larimer	1,020	15.5	15,810	800	6.0	1,800	1,320	17,610
Las Animas	3,670	17.6	62,830	7,210	5.2	37,490	10,780	100,320
Lincoln	---	---	---	35,040	3.9	136,660	35,040	136,660
Logan	1,040	13.6	14,140	6,490	4.5	29,210	7,530	43,350
Mesa	5,500	26.5	145,750	360	5.5	1,980	5,860	147,730
Mineral	---	---	---	---	---	---	---	---
Moffat	---	---	---	30	6.0	180	30	180
Montezuma	510	16.0	8,160	3,180	8.5	27,030	3,690	35,190
Montrose	660	17.4	11,480	170	7.2	1,220	830	12,700
Morgan	1,320	15.0	19,800	12,260	5.1	62,530	13,580	82,330
Otero	2,920	17.0	49,640	180	5.0	900	3,100	50,540
Ouray	---	---	---	---	---	---	---	---
Park	---	---	---	---	---	---	---	---
Phillips	---	---	---	830	5.0	4,150	830	4,150
Pitkin	---	---	---	---	---	---	---	---
Prowers	60	16.5	990	340	4.5	1,530	400	2,520
Pueblo	2,360	18.0	42,480	14,110	5.5	77,610	16,470	120,090
Rio Blanco	---	---	---	20	6.5	130	20	130
Rio Grande	---	---	---	---	---	---	---	---
Routt	---	---	---	---	---	---	---	---
Saguache	---	---	---	---	---	---	---	---
San Juan	10	16.5	170	110	5.0	550	120	720
San Miguel	40	13.0	520	190	6.0	1,140	230	1,660
Sedgwick	---	---	---	---	---	---	---	---
Summit	---	---	---	---	---	---	---	---
Teller	---	---	---	---	---	---	---	---
Washington	40	14.0	560	15,480	4.6	71,210	15,520	71,770
Weld	14,580	14.4	209,950	37,650	5.7	214,610	52,230	424,560
Yuma	10	12.7	130	3,570	5.0	17,850	3,580	17,980
State	39,150	16.7	655,640	254,850	4.9	1,255,360	294,000	1,911,000

DISTRIBUTION OF DRY BEAN ACREAGE, 1929



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

DISTRIBUTION OF ALFALFA ACREAGE, 1929



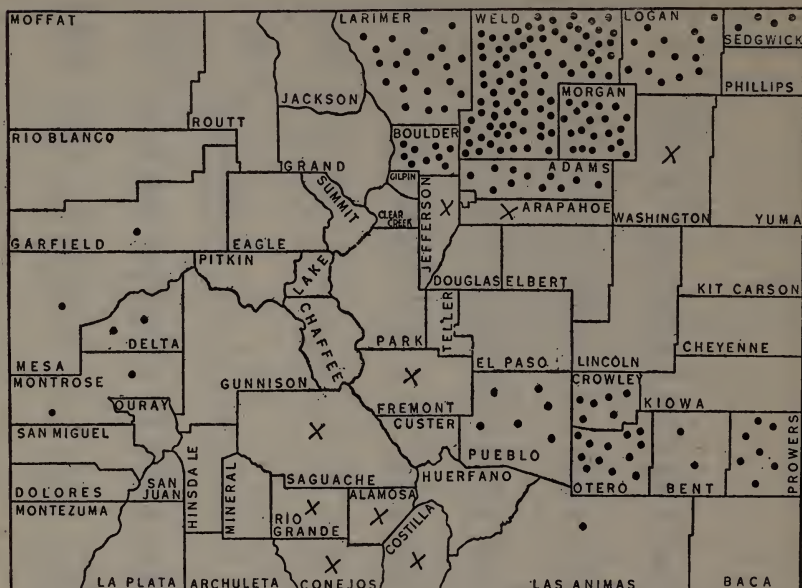
Each dot represents 2,000 acres; cross represents acreages of less than 2,000.

ACREAGE OF HAY CROPS, 1929

COUNTY	Alfalfa	Clover	Timothy	Timothy and Clover Mixed	Millet and Hershey	Sudan Grass	Other Tame Grass*	Wild Grass Cut for Hay	Total Hay
Adams	15,010	550	20	50	1,150	340	1,760	3,610	22,490
Alamosa	18,770	1,110	---	---	70	---	1,310	16,940	38,200
Arapahoe	14,330	180	10	20	270	80	900	1,390	17,180
Archuleta	5,880	30	420	4,980	---	---	1,430	2,170	14,910
Baca	1,250	100	---	---	20	390	230	---	1,990
Bent	27,210	1,060	---	---	60	250	120	100	28,800
Boulder	20,800	70	120	450	40	210	310	2,750	24,750
Chaffee	5,460	120	410	2,170	---	---	570	2,530	11,260
Cheyenne	490	110	---	---	8,160	970	170	---	9,900
Clear Creek	20	---	30	260	---	---	150	340	800
Conejos	13,390	3,500	260	---	---	---	2,670	16,000	35,820
Costilla	6,450	850	170	130	---	---	710	3,570	11,880
Crowley	15,930	130	---	---	120	65	150	---	16,395
Custer	2,460	30	240	90	20	---	1,310	15,030	19,180
Delta	30,010	430	780	90	30	---	770	50	32,160
Denver	---	---	---	---	---	---	---	---	---
Dolores	300	130	160	340	20	30	520	160	1,660
Douglas	7,730	270	760	3,070	300	65	3,060	2,590	17,845
Eagle	8,780	410	8,270	5,120	---	---	1,570	890	25,040
Elbert	11,640	1,600	90	110	2,290	205	2,940	5,720	24,595
El Paso	7,180	340	180	1,240	5,930	---	7,620	4,560	27,050
Fremont	6,140	30	460	70	20	30	1,940	1,810	10,500
Garfield	37,430	100	690	290	---	---	740	310	39,560
Gilpin	10	---	20	140	10	---	460	540	1,180
Grand	400	300	130	16,870	---	---	410	15,320	33,430
Gunnison	2,440	130	1,320	24,860	---	---	1,460	21,110	51,320
Hinsdale	40	---	320	1,740	---	---	10	1,660	3,770
Huerfano	10,030	210	520	580	40	150	1,040	940	13,510
Jackson	10	---	---	160	---	---	40	76,500	76,710
Jefferson	17,560	440	180	110	10	30	1,880	4,890	25,100
Kiowa	1,710	850	---	---	2,030	480	300	---	5,370
Kit Carson	970	870	---	---	9,070	960	1,340	1,290	14,500
Lake	---	---	---	---	---	---	30	7,220	7,250
La Plata	22,340	540	1,320	1,460	20	20	1,960	1,450	29,110
Larimer	50,240	110	---	410	220	100	1,210	8,100	60,390
Las Animas	9,010	60	2,410	530	190	100	460	810	13,570
Lincoln	3,160	620	---	---	7,040	500	1,960	2,630	15,910
Logan	24,630	1,700	---	---	7,840	735	1,530	11,980	48,415
Mesa	35,030	1,880	460	130	30	25	990	1,300	39,845
Mineral	10	---	380	140	---	---	510	2,320	3,360
Moffat	12,500	440	1,670	1,160	50	70	5,080	5,040	26,010
Montezuma	16,540	130	270	900	30	65	1,410	620	19,965
Montrose	31,920	890	2,480	1,810	30	50	1,320	2,140	40,640
Morgan	23,750	1,330	---	170	5,840	450	1,730	2,100	35,370
Otero	20,160	2,900	40	130	10	75	230	80	23,625
Ouray	2,530	300	370	4,550	---	---	280	1,810	9,340
Park	30	10	120	20	---	---	2,730	37,520	40,430
Phillips	1,190	840	---	---	5,630	425	2,500	250	10,835
Pitkin	3,230	10	2,460	3,160	50	---	220	180	9,310
Prowers	42,350	860	---	---	120	930	680	1,100	46,040
Pueblo	19,790	1,090	1,020	940	60	135	500	1,430	24,965
Rio Blanco	16,510	---	1,780	3,070	---	---	4,620	6,890	32,870
Rio Grande	11,480	5,130	140	---	10	---	1,860	12,960	31,580
Routt	7,810	260	2,370	27,350	150	15	3,860	5,160	46,975
Saguache	8,340	1,250	170	---	---	---	1,470	45,540	56,770
San Juan	---	---	---	---	---	---	---	---	---
San Miguel	7,720	30	1,890	2,610	10	---	4,570	250	17,080
Sedgwick	4,810	420	---	---	760	515	740	3,240	10,485
Summit	40	---	---	7,830	---	---	90	930	8,890
Teller	130	70	90	230	---	---	5,040	2,710	8,270
Washington	3,950	330	---	---	18,010	410	3,430	2,160	28,290
Weld	113,640	3,290	---	460	10,800	725	25,600	11,870	166,885
Yuma	2,330	560	---	---	10,440	400	2,500	4,440	20,670
State	785,000	39,000	35,000	120,000	97,000	10,000	117,000	387,000	1,590,000

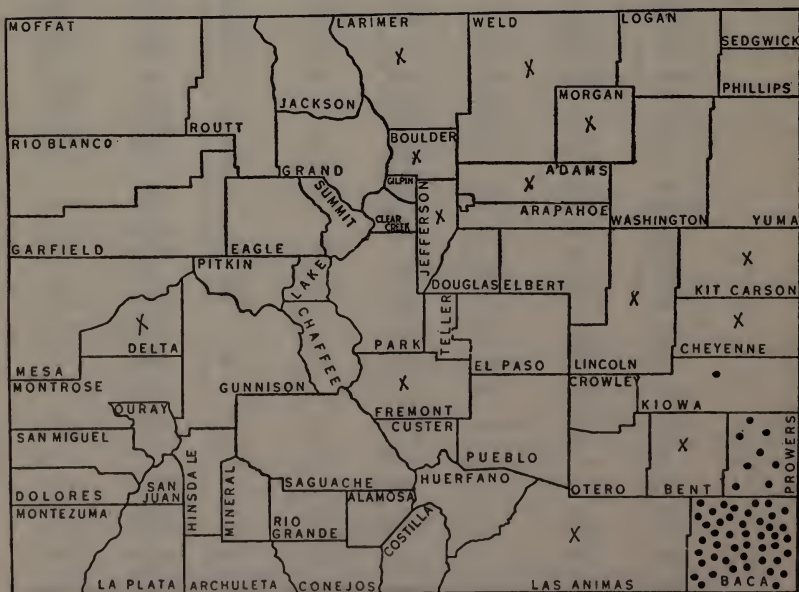
*Includes grains cut green.

DISTRIBUTION OF SUGAR BEET ACREAGE, 1929



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

DISTRIBUTION OF BROOM CORN ACREAGE, 1929

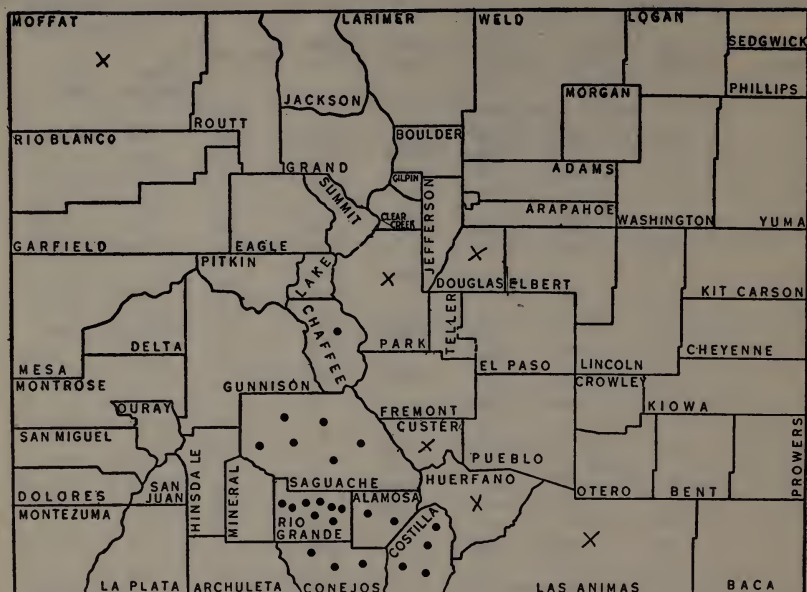


Each dot represents 1,000 acres; cross represents acreages of less than 1,000.

ACREAGE OF MISCELLANEOUS CROPS, 1929

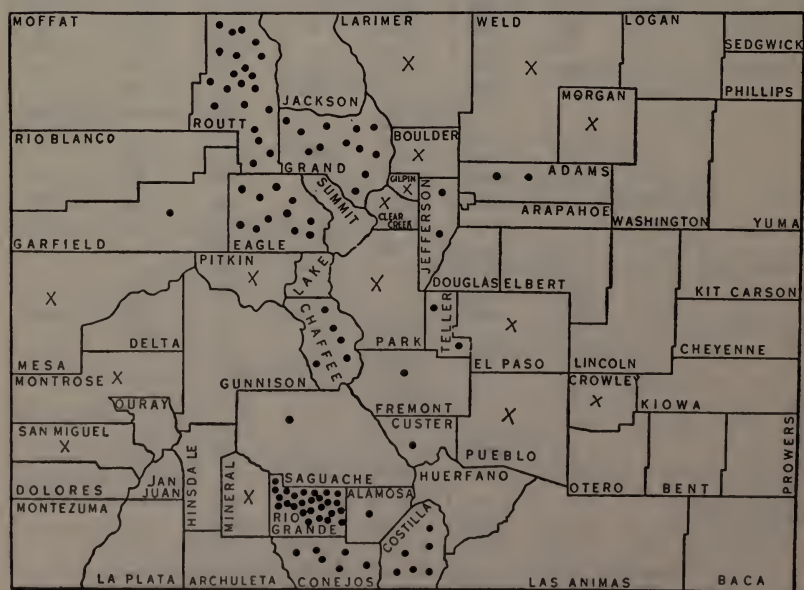
COUNTY	Snap Beans	Broom Corn	Sugar Beets	Field Peas	Garden Peas	Emmer	CUCUMBERS		
							For Pickles	For Seed	Total
Adams	362	30	11,370	-----	505	30	260	-----	260
Alamosa	-----	-----	650	3,780	700	-----	-----	-----	-----
Arapahoe	-----	-----	590	-----	10	-----	10	-----	10
Archuleta	-----	-----	-----	-----	-----	-----	-----	-----	-----
Baca	-----	45,200	-----	-----	-----	-----	-----	-----	-----
Bent	-----	200	2,950	-----	10	30	40	65	105
Boulder	240	30	9,450	-----	690	-----	110	-----	110
Chaffee	-----	-----	-----	1,640	800	-----	-----	-----	-----
Cheyenne	-----	50	-----	-----	-----	370	-----	-----	-----
Clear Creek	-----	-----	-----	-----	-----	-----	-----	-----	-----
Conejos	-----	-----	260	6,260	3,500	-----	-----	-----	-----
Costilla	-----	-----	10	8,390	1,200	-----	-----	-----	-----
Crowley	30	-----	6,000	-----	-----	-----	290	20	310
Custer	-----	-----	-----	200	400	-----	-----	-----	-----
Delta	95	20	2,030	-----	15	-----	-----	-----	-----
Denver	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dolores	-----	-----	-----	-----	-----	-----	-----	-----	-----
Douglas	-----	-----	-----	30	15	40	-----	-----	-----
Eagle	-----	-----	-----	-----	150	-----	-----	-----	-----
Elbert	-----	-----	-----	-----	50	4,740	-----	-----	-----
El Paso	25	-----	-----	-----	20	390	-----	-----	-----
Fremont	97	20	90	-----	300	-----	30	-----	30
Garfield	-----	-----	1,610	-----	35	-----	-----	-----	-----
Gilpin	-----	-----	-----	-----	120	-----	-----	-----	-----
Grand	-----	-----	-----	-----	10	-----	-----	-----	-----
Gunnison	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hinsdale	-----	-----	-----	-----	5	-----	-----	-----	-----
Huerfano	-----	-----	-----	100	100	-----	-----	-----	-----
Jackson	-----	-----	-----	-----	-----	-----	-----	-----	-----
Jefferson	100	10	570	-----	-----	20	30	-----	30
Kiowa	-----	700	-----	-----	-----	-----	-----	-----	-----
Kit Carson	-----	20	-----	-----	-----	640	-----	-----	-----
Lake	-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata	3	-----	-----	-----	-----	-----	-----	-----	-----
Larimer	285	20	21,440	-----	910	-----	160	-----	160
Las Animas	-----	300	980	40	70	-----	-----	15	15
Lincoln	-----	60	-----	-----	-----	3,810	-----	-----	-----
Logan	10	-----	14,630	-----	-----	80	190	-----	190
Mesa	240	-----	1,390	-----	45	10	120	-----	120
Mineral	-----	-----	-----	-----	100	-----	-----	-----	-----
Moffat	-----	-----	-----	60	10	20	-----	-----	-----
Montezuma	-----	-----	-----	-----	-----	-----	-----	-----	-----
Montrose	90	-----	1,880	-----	-----	-----	20	-----	20
Morgan	30	10	20,110	-----	-----	470	160	-----	160
Otero	405	-----	12,110	-----	50	80	180	2,070	2,250
Ouray	-----	-----	-----	-----	-----	-----	-----	-----	-----
Park	-----	-----	-----	40	40	40	-----	-----	-----
Phillips	-----	-----	-----	-----	-----	70	-----	-----	-----
Pitkin	-----	-----	-----	-----	-----	-----	-----	-----	-----
Prowers	10	8,300	7,580	-----	-----	20	60	-----	60
Pueblo	228	-----	6,690	-----	200	-----	170	1,630	1,800
Rio Blanco	-----	-----	-----	-----	-----	-----	-----	-----	-----
Rio Grande	-----	-----	200	16,800	800	-----	-----	-----	-----
Routt	-----	-----	-----	-----	200	-----	-----	-----	-----
Saguache	-----	-----	40	12,660	-----	-----	-----	-----	-----
San Juan	-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel	-----	-----	-----	-----	-----	-----	-----	-----	-----
Sedgwick	-----	-----	4,740	-----	-----	100	10	-----	10
Summit	-----	-----	-----	-----	-----	-----	-----	-----	-----
Teller	-----	-----	-----	-----	-----	-----	-----	-----	-----
Washington	-----	-----	280	-----	-----	1,470	-----	-----	-----
Weld	550	30	82,350	-----	2,040	5,570	560	-----	560
Yuma	-----	-----	-----	-----	-----	-----	-----	-----	-----
State	2,800	55,000	210,000	50,000	13,100	18,000	2,400	3,800	6,200

DISTRIBUTION OF FIELD PEA ACREAGE, 1929



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

DISTRIBUTION OF LETTUCE ACREAGE, 1929

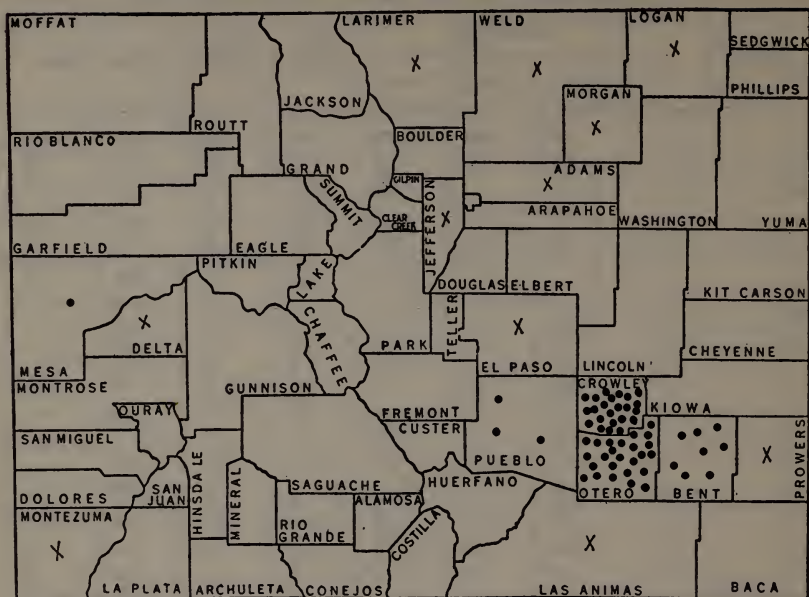


Each dot represents 100 acres; cross represents acreages of less than 100.

ACREAGE OF MISCELLANEOUS CROPS, 1929

COUNTY	CABBAGE			Sweet Corn	Toma- toes	Lettuce	Celery	Cauli- flower
	Early	Late	Total					
Adams	490	265	755	270	320	160	272	139
Alamosa						100	16	125
Arapahoe	42	18	60	5	10		40	3
Archuleta								
Baca								
Bent	6		6	55	2		1	
Boulder	75	110	185	20	120	10		
Chaffee		11	11			500	5	9
Cheyenne						7		
Clear Creek					3	550		253
Conejos					1	600		1,100
Costilla	15		15					
Crowley				5	64	2		
Custer					2	86		95
Delta				25	5			
Denver								
Dolores								
Douglas								
Eagle						1,050		
Elbert				5				
El Paso	10	7	17			16		15
Fremont	45	85	130	10	45	146	98	154
Garfield	2	2	4	10		100	2	
Gilpin						32		
Grand						1,240		
Gunnison	2		2					
Hinsdale								
Huerfano	1	2	3	10	3		10	117
Jackson								
Jefferson	45	120	165	500	230	210	290	91
Kiowa								
Kit Carson								
Lake								
La Plata								
Larimer	10	45	55	70	25	5	6	5
Las Animas				10				
Lincoln				5				
Logan	2	15	17	10	10			
Mesa	15	22	37	115	438	10	36	50
Mineral						50		
Moffat								
Montezuma								
Montrose	2	1	3			5		5
Morgan	6	22	28		10	2		
Otero		20	20	20	785		10	100
Ouray								
Park						10		
Phillips				15				
Pitkin						30		
Prowers								
Pueblo	110	165	275	230	62	2	247	1,202
Rio Blanco								
Rio Grande					10	2,550		98
Routt						2,050		
Saguache						100		
San Juan								
San Miguel						10		
Sedgwick	2		2					
Summit								
Teller						160		
Washington								
Weld	520	990	1,510	310	375	7	17	39
Yuma								
State	1,400	1,900	3,300	1,700	2,520	9,800	1,050	3,600

DISTRIBUTION OF CANTALOUPE ACREAGE, 1929



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

DISTRIBUTION OF FRUIT VALUES, 1929



Each dot represents \$50,000; triangle represents values from \$10,000 to \$50,000; cross represents values of less than \$10,000.

ACREAGE OF MISCELLANEOUS CROPS, 1929

COUNTY	CANTALOUPE, HONEY DEW MELONS			Water- melons	Pump- kins and Squash	Onions	Alfalfa Seed, 1928	Farm Garden
	For Market	For Seed	Total					
Adams	60	---	60	10	45	92	20	1,010
Alamosa	---	---	---	---	---	---	---	90
Arapahoe	---	---	---	---	5	18	---	760
Archuleta	---	---	---	---	---	---	---	10
Baca	---	---	---	---	---	---	---	50
Bent	1,610	10	1,620	90	---	297	370	146
Boulder	---	---	---	---	20	5	30	10
Chaffee	---	---	---	---	---	---	---	30
Cheyenne	---	---	---	---	---	---	---	20
Clear Creek	---	---	---	---	---	---	---	5
Conejos	---	---	---	---	---	---	---	35
Costilla	---	---	---	---	---	---	---	20
Crowley	4,570	140	4,710	40	60	582	---	30
Custer	---	---	---	---	---	---	---	20
Delta	25	---	25	10	35	780	---	220
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	---	---	---	---	35
Douglas	---	---	---	---	---	---	---	50
Eagle	---	---	---	---	---	---	---	100
Elbert	---	---	---	---	---	---	---	70
El Paso	5	---	5	---	---	---	---	80
Fremont	---	---	---	---	130	19	---	330
Garfield	---	---	---	---	10	7	60	250
Gilpin	---	---	---	---	---	---	---	10
Grand	---	---	---	---	---	---	---	20
Gunnison	---	---	---	---	---	---	---	50
Hinsdale	---	---	---	---	---	---	---	10
Huerfano	---	---	---	---	25	6	10	45
Jackson	---	---	---	---	---	---	---	5
Jefferson	5	---	5	---	15	25	---	1,010
Kiowa	---	---	---	---	15	---	---	45
Kit Carson	---	---	---	---	---	---	---	110
Lake	---	---	---	---	---	---	---	10
La Plata	---	---	---	---	---	13	---	45
Larimer	10	---	10	5	80	6	---	2,960
Las Animas	90	20	110	---	20	30	510	10
Lincoln	---	---	---	---	---	---	10	15
Logan	5	---	5	10	---	4	---	270
Mesa	210	---	210	25	125	186	140	640
Mineral	---	---	---	---	---	---	---	20
Moffat	---	---	---	---	---	---	130	270
Montezuma	5	---	5	20	---	---	50	100
Montrose	---	---	---	---	---	1,614	---	45
Morgan	5	---	5	5	5	3	---	200
Otero	3,910	1,250	5,160	115	300	2,567	400	230
Ouray	---	---	---	---	---	---	---	40
Park	---	---	---	---	---	---	---	10
Phillips	---	---	---	---	---	---	10	90
Pitkin	---	---	---	---	---	---	---	20
Prowers	10	20	30	---	---	11	160	35
Pueblo	400	140	540	90	340	488	30	625
Rio Blanco	---	---	---	---	---	---	---	35
Rio Grande	---	---	---	---	---	---	---	1,260
Routt	---	---	---	---	---	---	60	30
Saguache	---	---	---	---	---	---	---	100
San Juan	---	---	---	---	---	---	---	---
San Miguel	---	---	---	---	---	---	10	10
Sedgwick	---	---	---	5	---	7	---	35
Summit	---	---	---	---	---	---	---	10
Teller	---	---	---	---	---	---	---	30
Washington	---	---	---	15	---	---	---	25
Weld	30	20	100	50	170	240	---	1,150
Yuma	---	---	---	10	---	---	---	10
State	11,000	1,600	12,600	500	1,400	7,000	2,000	13,000

CARLOT SHIPMENTS OF COLORADO FRUITS AND VEGETABLES

CROP OF	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920
Fruits										
Apples -----	2,321	2,804	2,228	2,877	3,193	2,404	2,718	3,385	3,882	3,063
Peaches -----	1,765	1,117	1,709	1,271	834	1,772	1,254	1,428	1,223	1,091
Pears -----	1,081	264	737	750	717	955	696	774	745	654
Mixed Deciduous Fruits-----	34	22	37	44	26	62	60	99	----	----
Vegetables										
Potatoes -----	15,495	13,714	17,328	14,200	15,422	12,386	13,870	15,467	17,697	11,229
Cabbage -----	801	1,162	683	1,274	1,432	1,473	3,174	1,964	2,523	1,832
Celery -----	149	188	161	211	399	197	125	222	211	305
Onions -----	4,042	2,244	1,460	1,758	1,809	1,064	928	651	447	150
Lettuce -----	2,098	2,368	2,848	2,795	3,096	1,036	1,436	812	234	129
Mixed Vegetables -----	4,060	3,780	3,444	3,473	4,111	3,428	2,880	2,178	1,042	1,351
Cauliflower -----	1,474	843	411	220	191	61	101	4	3	----
Cantaloupes -----	3,199	2,110	2,993	3,574	3,224	2,654	2,195	4,420	3,288	2,482
Watermelons -----	31	35	34	71	80	56	55	148	149	67
Miscellaneous melons-----	1,469	679	985	1,534	613	575	111	----	----	----
Dry beans -----	2,127	1,575	1,710	1,866	2,927	1,316	1,732	427	486	333
Peas, green-----	459	348	149	58	35	----	----	----	----	----
Carrots -----	78	216	10	62	29	26	12	4	9	1
Spinach -----	67	6	8	6	14	3	----	----	----	----
Tomatoes -----	55	59	20	27	195	77	128	94	38	135
Beans, string-----	55	3	5	1	5	----	----	----	----	----

Note: Shipments of dry beans cover period of September 1, 1929, to April 30, 1930.

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

COUNTY	CROP OF					
	*1929	* 1928	1927	1926	1925	1924
Adams -----	23	20	23	23	18	10
Arapahoe -----	156	81	155	103	158	67
Crowley -----	21	48	32	11	40	3
El Paso -----	167	262	315	255	427	210
Elbert -----	173	147	138	117	255	183
Larimer -----	1	6	2	15	28	8
Las Animas-----	65	37	14	37	17	20
Lincoln -----	79	114	99	51	87	58
Logan -----	15	13	16	20	37	17
Mesa -----	92	116	68	30	23	4
Morgan -----	131	146	223	180	309	136
Otero -----	89	119	172	133	98	35
Pueblo -----	98	20	84	49	79	21
Weld -----	339	394	344	827	1,336	530
Other counties-----	371	52	15	9	15	14
Total Colorado-----	1,820	1,575	1,700	1,860	2,927	1,316
United States -----	13,443	15,003	13,643	17,086	19,725	14,924

*1929 crop shipments only to Feb. 28, 1930.

COST OF PRODUCTION OF CROPS, 1923
(From Reports to U. S. Department of Agriculture)

	No. Re- ports	Av. Yield Per Acre	Gross Cost Per Acre	Credit Per Acre	Net Cost		Value	
					Per Acre	Per Bu.	Per Acre	Per Bu.
Wheat:								
Colorado.....	122	21	\$23.48	\$0.91	\$22.57	\$1.07	\$18.54	\$0.85
Thirty-nine states.....	7,852	17	22.88	1.86	21.02	1.24	16.46	.99
Corn:								
Colorado.....	109	28	17.23	1.40	15.83	.57	17.21	.58
Forty-six states.....	11,238	35	26.40	2.65	23.75	.68	27.16	.81
Oats:								
Colorado.....	95	40	24.11	1.43	22.68	.57	20.80	.51
Forty-five states.....	8,481	35	20.23	2.15	18.08	.52	16.38	.49

Wheat	1,446,800
Corn	1,339,200
Time Hay	1,219,400
Wild Hay	373,200
Grain Sorghum	286,800
Barley	285,000
Oats	218,000
Dry Beans	178,000
Sugar Beets	173,426
Sweet Sorghum	110,333
Potatoes	107,800
Rye	85,000
Field Peas	57,800
Cantaloupes	9,760
Cucumbers	6,657
Lettuce	6,060
Cabbage	4,103
Onions	2,495
Tomatoes	2,220

Chart showing relative importance of principal crops in Colorado on the basis of acreage, the figures being average acreage in crops named for the period of 1921 to 1925, inclusive.

Time Hay	\$26,372,800
Wheat	\$18,993,388
Corn	\$13,989,588
Sugar Beets	\$13,721,400
Potatoes	\$10,960,820
Barley	\$3,626,000
Wild Hay	\$3,426,600
Dry Beans	\$3,196,600
Oats	\$2,819,374
Grain Sorghum	\$2,685,772
Sweet Sorghum	\$1,514,200
Cantaloupes	\$1,304,800
Lettuce	\$1,018,701
Onions	\$643,740
Field Peas	\$615,000
Cabbage	\$581,908
Rye	\$572,884
Cucumbers	\$527,300
Tomatoes	\$178,000

Chart shows relative importance of principal crops in Colorado on the basis of values, the figures being average values for the period of 1921 to 1925, inclusive.

FARMS REPORTING MORTGAGE DEBTS
(Compiled from Census Reports)

	1925	1920	1910
Number farms operated by owners (owned in whole or in part).....	39,518	45,291	36,993
Number reporting mortgage debt.....	20,997	21,131	9,636
Per cent of total, Colorado.....	53.1	46.7	26.0
Per cent of total, United States.....	*	37.2	33.2
Number farms reporting mortgage debts, (full-owners).....	14,444	15,735	7,571
Value (lands and buildings).....	\$144,065,345	\$211,700,699	\$ 77,332,068
Amount of mortgage debt.....	61,408,229	62,623,338	18,986,026
Ratio debt to value, per cent, (Colorado).....	42.6	29.6	24.6
Ratio debt to value, per cent (U. S.).....	*	29.1	27.3

*1925 data not yet available.

SUMMARY OF THE ACREAGE, PRODUCTION AND VALUE OF PRINCIPAL CROPS IN THE UNITED STATES, 1928 AND 1929, AND COLORADO'S PROPORTION OF TOTALS

Crop and Year	Acreage	Production	Price Per Unit	Value	Colorado's Per Cent of U. S. Totals		
					Acreage	Production	Value
Corn:							
1928-----	100,673,000	2,818,901,000 Bus.	\$0.752	\$2,119,046,000	1.43	0.66	0.60
1929-----	98,018,000	2,622,189,000 Bus.	.781	2,048,134,000	1.39	0.89	0.85
All Wheat:							
1928-----	58,272,000	914,876,000 Bus.	.970	887,184,000	2.30	2.03	1.78
1929-----	61,141,000	806,508,000 Bus.	1.043	840,921,000	2.28	2.24	1.98
Oats (Grain)							
1928-----	41,734,000	1,439,407,000 Bus.	.409	589,048,000	0.46	0.42	0.46
1929-----	40,217,000	1,238,654,000 Bus.	.435	538,445,000	0.53	0.53	0.59
Barley:							
1928-----	12,598,000	357,487,000 Bus.	.552	197,459,000	4.34	3.67	3.59
1929-----	13,212,000	307,105,000 Bus.	.550	168,807,000	4.93	4.45	4.37
Rye:							
1928-----	3,480,000	43,366,000 Bus.	.860	37,290,000	2.13	1.88	1.53
1929-----	3,225,000	40,629,000 Bus.	.871	35,371,000	2.51	2.19	1.79
Grain Sorghums:							
1928-----	6,497,000	142,513,000 Bus.	.620	88,429,000	3.94	1.88	1.82
1929-----	5,921,000	100,845,000 Bus.	.710	71,617,000	3.46	2.24	2.52
All Hay:							
1928-----	71,278,000	106,266,000 T.	11.67	1,239,956,000	2.19	2.64	2.61
1929-----	75,121,000	114,639,000 T.	11.77	1,349,053,000	2.12	2.71	2.61
Dry Beans:							
1928-----	1,643,000	17,656,000 Bus.	4.18	73,815,000	18.81	7.87	6.40
1929-----	1,879,000	19,337,000 Bus.	3.77	72,905,000	15.65	9.88	7.08
Potatoes—White:							
1928-----	3,837,000	465,350,000 Bus.	.539	251,048,000	2.87	2.88	2.40
1929-----	3,370,000	357,451,000 Bus.	1.314	469,701,000	2.61	3.45	2.88
Sugar Beets:							
1928-----	644,000	7,101,000 T.	7.11	50,477,000	27.79	33.71	33.06
1929-----	717,000	7,672,000 T.	7.52	57,679,000	29.29	28.19	31.71
Broom Corn:							
1928-----	298,000	54,100 T.	104.21	5,638,000	17.44	17.38	14.17
1929-----	284,000	43,800 T.	121.89	5,339,000	19.37	20.78	19.09
TRUCK CROPS							
Snap Beans:							
1928-----	134,370	145,500 T.	103.18	15,012,000	1.71	----	1.36
1929-----	134,420	167,600 T.	101.28	16,975,000	2.08	----	2.36
Cabbage:							
1928-----	137,170	984,200 T.	23.53	23,163,000	2.25	4.53	2.49
1929-----	157,220	1,069,400 T.	19.87	21,254,000	2.10	3.18	3.19
Cantaloupes:							
1928-----	100,660	15,416,000 Cr.	1.30	20,099,000	8.94	7.59	5.47
1929-----	106,730	16,799,000 Cr.	1.33	22,359,000	10.30	15.06	9.39
Cauliflower:							
1928-----	21,430	5,031,000 Cr.	1.00	5,010,000	7.93	10.13	12.22
1929-----	25,360	6,450,000 Cr.	.79	5,118,000	14.20	20.12	17.72
Celery:							
1928-----	27,040	7,624,000 Cr.	1.88	14,367,000	3.33	3.54	3.10
1929-----	28,730	8,686,000 Cr.	1.65	14,371,000	3.65	2.90	1.93
Cucumbers:							
1928-----	110,020	8,656,000 Bus.	1.08	9,356,000	2.09	2.68	1.49
1929-----	111,540	8,644,000 Bus.	1.39	12,054,000	2.15	3.19	1.38
Lettuce:							
1928-----	124,630	18,382,000 Cr.	1.69	31,064,000	7.86	6.13	3.88
1929-----	141,430	20,325,000 Cr.	1.82	37,034,000	6.93	5.30	3.64
Onions:							
1928-----	80,020	20,454,000 Bus.	1.18	24,099,000	4.70	6.07	7.31
1929-----	86,570	25,867,000 Bus.	.74	19,039,000	8.09	9.99	5.76
FRUITS							
Apples:							
1928-----	-----	186,893,000 Bus.	0.994	185,842,000	----	1.62	1.06
1929-----	-----	139,754,000 Bus.	1.317	184,107,000	----	1.76	1.27
Peaches:							
1928-----	-----	68,369,000 Bus.	0.987	63,643,000	----	0.95	1.22
1929-----	-----	45,998,000 Bus.	1.363	62,705,000	----	2.17	2.31
Pears:							
1928-----	-----	24,212,000 Bus.	1.019	24,663,000	----	0.76	0.79
1929-----	-----	20,903,000 Bus.	1.433	29,952,000	----	3.11	3.25
Crops not listed*							
1928-----	60,986,290	-----	-----	2,546,492,000	----	----	----
1929-----	63,186,120	-----	-----	2,503,679,000	----	----	----
Totals:							
1928-----	362,675,630	-----	-----	\$8,502,200,000	1.76	----	1.38
1929-----	367,083,120	-----	-----	8,586,619,000	1.76	----	1.63

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

ACREAGE, PRODUCTION AND VALUE OF WHEAT IN COLORADO, 1880-1929

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
1897-----	213,231	24.0	5,117,544	.70	3,582,281	16.80
1898-----	255,877	26.3	6,729,565	.56	3,768,556	14.73
1899-----	309,611	23.7	7,337,781	.57	4,182,535	13.51
1900-----	318,899	22.6	7,207,117	.59	4,252,199	13.33
1901-----	312,521	24.1	7,531,756	.67	5,046,277	16.15
1902-----	293,770	18.0	5,287,800	.75	3,965,895	13.50
1903-----	279,082	26.6	7,423,581	.66	4,899,563	17.56
1904-----	259,546	22.8	5,917,649	.91	5,385,061	20.75
1905-----	254,355	25.0	6,358,875	.70	4,451,212	17.50
1906-----	254,555	32.5	8,266,538	.65	5,373,250	21.12
1907-----	293,000	29.0	8,497,000	.78	6,628,000	22.62
1908-----	293,000	21.0	6,153,000	.88	5,415,000	18.48
1909-----	341,000	21.2	7,224,000	.93	6,718,000	19.70
1910-----	403,000	22.3	8,994,000	.82	7,376,000	18.30
1911-----	438,000	18.9	8,274,000	.84	6,950,000	15.87
1912-----	453,000	24.2	10,968,000	.73	8,006,000	17.67
1913-----	460,000	21.0	9,680,000	.78	7,551,000	16.42
1914-----	475,000	23.8	11,312,000	.87	9,842,000	20.72
1915-----	570,000	24.2	13,770,000	.80	11,016,000	19.32
1916-----	600,000	19.8	11,885,000	1.50	17,828,000	29.70
1917-----	600,000	22.6	13,536,000	1.93	26,124,000	43.55
1918-----	1,250,000	12.3	15,400,000	1.95	30,030,000	24.02
1919-----	1,329,000	13.7	18,196,000	2.02	36,755,000	27.66
1920-----	1,405,000	18.0	25,273,000	1.35	34,118,000	24.28
1921-----	1,719,000	13.5	23,239,000	.76	17,662,000	10.27
1922-----	1,620,000	13.4	21,776,000	.89	19,380,000	11.96
1923-----	1,407,000	13.0	18,272,000	.83	15,166,000	10.78
1924-----	1,360,000	14.4	19,520,000	1.18	23,033,000	16.94
1925-----	1,268,000	11.8	14,988,000	1.36	20,345,000	16.04
1926-----	1,364,000	13.5	18,427,000	1.07	19,728,000	14.47
1927-----	1,419,000	14.2	20,112,000	1.03	20,818,000	14.67
1928-----	1,339,000	13.9	18,564,000	.85	15,815,000	11.81
1929-----	1,397,000	12.9	18,012,000	.93	16,691,000	11.95
Totals-----	26,460,821	---	445,419,733	---	\$454,795,357	---

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF CORN IN COLORADO, 1880-1929

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-----	21,287	25.0	532,100	.85	452,285	21.24
1884-----	25,300	28.1	710,000	.65	461,500	18.24
1885-----	27,830	34.5	959,000	.68	652,120	23.43
1886-----	29,778	31.5	938,000	.50	469,000	15.75
1887-----	31,267	30.0	938,000	.63	590,940	18.90
1888-----	34,394	22.6	777,000	.57	442,890	12.87
1889-----	42,993	25.4	1,092,000	.58	633,373	14.73
1890-----	42,133	18.2	767,000	.63	483,097	11.47
1891-----	43,397	21.5	933,000	.53	494,509	11.39
1892-----	124,350	22.3	2,773,000	.40	1,109,202	8.92
1893-----	123,107	16.5	2,031,266	.51	1,035,946	8.41
1894-----	125,569	19.7	2,473,709	.61	1,508,962	12.01
1895-----	178,308	20.7	3,690,976	.41	1,513,300	8.48
1896-----	178,308	16.0	2,852,928	.36	1,027,054	5.76
1897-----	176,525	19.0	3,353,975	.38	1,274,510	7.22
1898-----	172,994	18.0	3,113,892	.40	1,245,557	7.20
1899-----	171,264	17.0	2,911,488	.43	1,251,940	7.31
1900-----	167,839	19.0	3,188,941	.48	1,530,692	9.12
1901-----	107,127	17.1	1,831,872	.74	1,355,585	12.65
1902-----	115,697	16.5	1,909,000	.59	1,126,310	9.73
1903-----	112,226	19.3	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-----	1,182,000	20.5	24,231,000	.70	16,962,000	14.35
1921-----	1,102,000	14.5	15,979,000	.31	4,953,000	4.49
1922-----	1,145,000	16.0	18,320,000	.66	12,091,000	10.56
1923-----	1,505,000	25.0	37,625,000	.65	24,456,000	16.25
1924-----	1,450,000	10.9	14,500,000	.88	12,760,000	8.80
1925-----	1,410,000	15.0	21,150,000	.70	14,805,000	10.50
1926-----	1,396,000	7.0	9,772,000	.71	6,938,000	4.97
1927-----	1,284,000	15.5	19,902,000	.68	13,533,000	10.54
1928-----	1,438,000	13.0	18,694,000	.68	12,712,000	8.84
1929-----	1,366,000	17.0	23,222,000	.75	17,416,000	12.75
Totals-----	21,421,019	---	355,911,107	---	\$254,416,922	---

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF OATS FOR GRAIN IN COLORADO, 1880-1929

YEAR	Acres	Yield per Acre, Bushels	Produc- tion, 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	706,050	13.95
1888-----	60,740	27.4	1,664,000	.42	698,880	11.50
1889-----	97,791	32.0	3,129,000	.40	1,251,725	12.80
1890-----	100,725	24.8	2,498,000	.50	1,248,990	12.40
1891-----	109,790	32.6	3,579,000	.38	1,360,079	12.39
1892-----	98,811	28.7	2,836,000	.34	964,198	9.76
1893-----	104,740	26.7	2,796,558	.37	1,034,726	9.88
1894-----	93,219	13.5	1,258,457	.46	578,890	6.21
1895-----	98,812	34.3	3,389,252	.28	948,991	9.61
1896-----	92,883	28.0	2,600,724	.30	780,217	8.40
1897-----	87,310	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	3,660,237	.51	1,866,721	13.68
1903-----	137,942	33.3	4,593,469	.41	1,883,322	13.65
1904-----	136,563	35.4	4,834,330	.46	2,223,792	16.36
1905-----	137,929	35.0	4,827,515	.41	1,979,281	14.36
1906-----	147,584	40.4	5,962,394	.45	2,683,077	18.18
1907-----	155,000	38.0	5,890,000	.50	2,945,000	19.00
1908-----	178,000	39.5	7,031,000	.54	3,797,000	21.33
1909-----	276,000	27.7	7,643,000	.53	4,051,000	14.68
1910-----	284,000	39.1	11,104,000	.46	5,108,000	17.99
1911-----	290,000	35.0	10,150,000	.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-----	212,000	31.0	6,572,000	.48	3,155,000	14.88
Totals-----	7,839,133	---	255,436,474	---	\$124,908,519	---

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF BARLEY IN COLORADO, 1880-1929

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	.50	183,160	14.15
1894-----	12,426	27.9	345,440	.58	200,360	16.13
1895-----	14,290	31.3	447,280	.60	268,360	18.77
1896-----	12,861	20.0	257,220	.46	118,320	9.20
1897-----	12,089	28.0	338,490	.51	172,630	14.28
1898-----	11,005	32.1	353,950	.46	162,820	14.80
1899-----	12,070	28.0	337,930	.55	185,860	15.40
1900-----	12,672	24.8	314,270	.50	157,130	12.40
1901-----	20,811	28.7	597,280	.63	376,280	18.08
1902-----	21,020	26.3	552,800	.60	331,680	15.78
1903-----	18,920	38.3	724,520	.61	441,960	23.36
1904-----	19,295	37.1	715,840	.57	408,030	21.15
1905-----	18,910	33.0	624,000	.53	330,720	15.37
1906-----	18,531	41.0	759,770	.54	410,270	22.14
1907-----	25,000	40.0	1,000,000	.60	600,000	24.00
1908-----	24,000	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-----	651,000	21.0	13,671,000	.54	7,382,000	11.34
Totals-----	5,310,793	---	128,483,920	---	\$81,016,560	---

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF RYE IN COLORADO, 1880-1929

YEAR	Acres	Yield per Acre, Bushels	Produc- tion, 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	.63	23,710	12.06
1886-----	1,909	22.0	42,000	.72	30,240	15.84
1887-----	1,966	14.2	28,000	.78	21,840	11.11
1888-----	2,379	12.2	29,000	.66	19,127	8.04
1889-----	4,615	11.7	54,158	.57	30,870	6.69
1890-----	4,707	14.5	68,252	.65	44,364	9.42
1891-----	4,942	20.6	101,805	.62	63,119	12.77
1892-----	5,683	14.6	82,972	.52	43,145	7.59
1893-----	5,683	21.0	119,343	.50	59,672	10.50
1894-----	4,035	15.6	62,946	.66	41,544	10.29
1895-----	3,389	14.5	49,141	.48	23,588	6.96
1896-----	2,779	23.5	65,306	.62	40,490	14.56
1897-----	2,612	15.0	39,180	.52	20,374	7.80
1898-----	2,638	18.0	47,484	.50	23,742	9.00
1899-----	2,374	14.0	33,236	.48	15,953	6.72
1900-----	2,350	16.8	39,480	.54	21,319	9.07
1901-----	2,659	16.1	42,810	.62	26,542	9.98
1902-----	2,872	15.9	45,665	.56	25,572	8.90
1903-----	2,843	18.3	52,027	.61	31,736	11.16
1904-----	2,786	19.1	53,213	.65	34,588	12.41
1905-----	2,368	19.0	44,992	.56	25,196	10.64
1906-----	2,179	20.0	43,580	.56	24,405	11.20
1907-----	2,300	20.5	47,000	.62	29,000	12.61
1908-----	3,000	15.5	46,000	.70	32,000	10.67
1909-----	16,000	12.6	198,000	.73	145,000	9.06
1910-----	20,000	14.0	280,000	.67	188,000	9.40
1911-----	21,000	12.0	252,000	.70	176,000	8.38
1912-----	25,000	19.5	488,000	.55	268,000	10.72
1913-----	20,000	17.0	340,000	.60	204,000	10.20
1914-----	21,000	17.5	368,000	.65	239,000	11.38
1915-----	30,000	17.5	525,000	.70	368,000	12.27
1916-----	28,000	14.0	392,000	1.05	412,000	14.71
1917-----	27,000	16.0	432,000	1.46	631,000	23.37
1918-----	149,000	7.0	1,043,000	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-----	81,000	11.0	891,000	.71	633,000	7.81
Totals-----	1,411,181	---	15,909,360	---	\$12,976,423	---

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF POTATOES IN COLORADO, 1880-1929

YEAR	Acres	Yield per Acre, Bushels	Produc- tion, 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	1,384,740	41.53
1899-----	32,304	84.0	2,713,540	.55	1,492,450	46.20
1900-----	33,273	56.0	1,863,290	.82	1,527,900	45.92
1901-----	43,923	120.0	5,270,760	.90	4,743,680	107.99
1902-----	47,437	100.0	4,743,700	.51	2,419,290	51.00
1903-----	50,758	145.0	7,359,910	.60	4,415,950	87.00
1904-----	54,311	159.0	8,635,440	.37	3,195,120	58.81
1905-----	51,052	160.0	8,168,320	.57	4,655,940	91.19
1906-----	46,968	125.0	5,871,000	.45	2,641,950	56.25
1907-----	47,000	150.0	7,050,000	.66	4,653,000	99.00
1908-----	56,000	125.0	7,000,000	.60	4,200,000	75.00
1909-----	86,000	137.0	11,781,000	.57	6,715,000	78.08
1910-----	86,000	100.0	8,600,000	.55	4,730,000	55.00
1911-----	90,000	35.0	3,150,000	.99	3,118,000	34.64
1912-----	85,000	95.0	8,075,000	.41	3,311,000	38.95
1913-----	80,000	115.0	3,200,000	.65	5,980,000	74.75
1914-----	50,000	120.0	6,000,000	.50	3,000,000	60.00
1915-----	53,000	135.0	7,155,000	.55	3,935,000	74.25
1916-----	50,000	138.0	6,900,000	1.35	9,315,000	186.30
1917-----	80,000	160.0	12,800,000	.91	11,648,000	145.60
1918-----	99,000	160.0	15,840,000	.99	15,682,000	158.40
1919-----	77,000	115.0	8,855,000	1.70	15,054,000	195.51
1920-----	73,000	130.0	9,490,000	.80	7,592,000	104.00
1921-----	113,000	132.0	14,916,000	.73	10,889,000	96.36
1922-----	142,000	130.0	18,460,000	.37	6,830,000	48.09
1923-----	110,000	123.0	13,530,000	.53	7,171,000	65.19
1924-----	71,000	145.0	10,295,000	.60	6,177,000	87.00
1925-----	62,000	195.0	12,090,000	1.55	18,740,000	302.26
1926-----	82,000	145.0	11,890,000	1.30	15,457,000	188.50
1927-----	96,000	150.0	14,400,000	.55	7,920,000	82.50
1928-----	110,000	122.0	13,420,000	.45	6,039,000	54.90
1929-----	88,000	140.0	12,320,000	1.10	13,552,000	154.00
Totals-----	2,661,469	---	325,110,389	---	\$236,057,504	---

1929 figures preliminary.

SUGAR BEET PRODUCTION IN COLORADO, 1905 TO 1929, INCLUSIVE

Year	Acres Harvested	Average Yield, Tons	Production Tons	Farm Price	Value*	Value* per Acre	Average Sugar Content	Tons Sugar Mfr'd.	No. of Factories Operating
1905	86,000	10.19	875,154	\$ ----	\$ -----	\$ ----	14.71	91,608	12
1906	111,000	13.41	1,487,383	----	-----	----	14.70	167,198	15
1907	128,000	11.93	1,523,300	----	-----	----	15.30	168,287	16
1908	119,500	9.28	1,109,000	----	-----	----	13.85	122,280	15
1909	121,700	10.33	1,256,700	----	-----	----	14.24	149,405	16
1910	81,400	10.62	864,500	----	-----	----	15.19	103,092	16
1911	86,400	11.07	957,100	5.55	5,312,000	61.46	15.44	124,800	14
1912	145,000	11.32	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	14.92	229,274	14
1914	135,400	12.60	1,706,300	5.63	9,692,000	71.58	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	83.75	15.40	234,303	16
1918	126,000	11.47	1,444,000	10.02	14,474,000	114.83	16.10	192,000	14
1919	183,000	9.66	1,765,000	10.85	19,143,000	104.65	13.62	194,000	15
1920	220,000	10.58	2,325,000	11.88	27,627,000	125.25	15.31	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	16.85	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	7.92	23,050,000	109.24	16.05	377,000	17
1927	218,000	12.70	2,774,000	7.84	21,753,000	99.81	15.25	378,000	18
1928	179,000	13.40	2,394,000	6.97	16,687,000	93.22	16.57	384,261	18
1929	210,000	12.40	2,604,000	----	-----	----	----	----	----
Totals and averages for years indicated	3,918,000	----	45,172,037	----	\$265,762,000	\$86.85	----	5,461,239	----

1929 figures preliminary.

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.

ACREAGE, PRODUCTION AND VALUE OF TAME HAY IN COLORADO, 1880-1929

YEAR.	Acres	Yield per Acre, Tons	Produc- tion, 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	1,545,818	18.90
1884-----	73,000	1.30	94,900	12.00	1,138,800	15.60
1885-----	87,000	1.00	87,000	9.96	867,240	9.96
1886-----	115,000	1.00	115,000	9.80	1,127,000	9.80
1887-----	149,500	1.20	179,400	10.75	1,928,550	12.90
1888-----	246,675	1.50	370,013	11.40	4,218,148	17.10
1889-----	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	2.08	1,283,845	9.04	11,605,959	18.80
1902-----	592,544	1.92	1,137,684	9.89	11,251,695	18.99
1903-----	622,171	2.56	1,592,758	7.48	11,913,830	19.15
1904-----	671,945	1.85	1,243,098	6.71	8,341,188	12.41
1905-----	665,226	2.65	1,762,849	8.20	14,455,362	21.74
1906-----	638,617	2.50	1,596,542	9.50	15,167,149	23.75
1907-----	677,000	2.70	1,828,000	9.50	17,366,000	25.65
1908-----	670,000	2.50	1,675,000	8.75	14,656,000	21.87
1909-----	785,000	2.13	1,674,000	10.00	16,740,000	21.32
1910-----	781,000	2.00	1,562,000	10.80	16,870,000	21.60
1911-----	785,000	2.00	1,570,000	9.30	14,601,000	18.60
1912-----	870,000	2.19	1,905,000	8.70	16,574,000	19.05
1913-----	890,000	2.05	1,824,000	10.00	18,240,000	20.49
1914-----	970,000	2.40	2,328,000	7.40	17,227,000	17.76
1915-----	970,000	2.20	2,134,000	7.60	16,218,000	16.72
1916-----	970,000	2.05	1,988,000	11.00	21,868,000	22.54
1917-----	970,000	2.45	2,376,000	16.60	39,442,000	40.66
1918-----	1,030,000	2.22	2,287,000	15.50	35,448,000	34.41
1919-----	1,227,000	2.06	2,527,000	18.50	46,750,000	38.10
1920-----	1,256,000	2.40	3,019,000	12.00	36,228,000	28.84
1921-----	1,195,000	2.15	2,576,000	6.90	17,774,000	14.87
1922-----	1,191,000	1.91	2,273,000	11.20	25,458,000	21.38
1923-----	1,203,000	2.05	2,463,000	11.30	27,832,000	23.13
1924-----	1,262,000	2.11	2,661,000	11.00	29,271,000	23.18
1925-----	1,253,000	2.15	2,694,000	12.00	32,328,000	25.80
1926-----	1,210,000	2.31	2,795,000	8.60	24,037,000	19.86
1927-----	1,225,000	2.17	2,658,000	9.20	24,454,000	19.96
1928-----	1,183,000	2.08	2,467,000	11.70	28,864,000	24.40
1929-----	1,203,000	2.23	2,677,000	11.50	30,786,000	25.59
Totals-----	37,253,390	---	79,232,856	---	\$775,928,498	---

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF WILD HAY IN COLORADO, 1909-1929

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	16.38
1920-----	419,000	1.05	440,000	14.00	6,160,000	14.70
1921-----	407,000	1.00	407,000	6.00	2,442,000	6.00
1922-----	366,000	0.97	355,000	9.00	3,195,000	8.73
1923-----	373,000	1.05	392,000	10.50	4,116,000	11.03
1924-----	360,000	1.00	360,000	9.70	3,492,000	9.70
1925-----	360,000	1.00	360,000	10.80	3,888,000	10.80
1926-----	360,000	1.00	360,000	8.00	2,880,000	8.00
1927-----	396,000	1.00	396,000	8.40	3,326,000	8.40
1928-----	376,000	0.90	338,000	10.30	3,481,000	9.26
1929-----	387,000	1.10	426,000	10.30	4,388,000	11.34
Totals-----	8,500,000	---	8,498,000	-----	\$72,312,000	-----

1929 figures preliminary.

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

ACREAGE, PRODUCTION AND VALUE OF DRY BEANS IN COLORADO, 1914-1929

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-----	31,000	5.0	405,000	4.40	1,782,000	22.00
1923-----	170,000	8.0	1,360,000	3.70	5,032,000	29.60
1924-----	280,000	3.4	952,000	3.10	2,951,000	10.54
1925-----	320,000	7.0	2,240,000	2.40	5,376,000	16.80
1926-----	378,000	3.6	1,361,000	2.80	3,811,000	10.08
1927-----	281,000	5.5	1,546,000	2.70	4,174,000	14.85
1928-----	309,000	4.5	1,390,000	3.40	4,726,000	15.29
1929-----	350,000	6.7	2,345,000	2.70	6,331,500	18.09
Totals-----	2,907,000	---	17,408,000	-----	\$57,560,500	-----

1929 figures preliminary.

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, 1915-1929

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-----	60,000	336	10,080	112.00	1,128,960	18.82
Totals-----	392,000	---	64,355	-----	\$8,120,760	-----

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF DRY ONIONS IN COLORADO, 1918-1929

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	230	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
Totals-----	33,800	---	10,497,000	-----	\$7,543,000	-----

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF WATERMELONS IN COLORADO, 1918-1929

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	128	15,000	39.90
1925-----	300	323	97	168	16,000	53.33
1926-----	300	361	108	95	10,000	33.33
1927-----	700	150	105	242	25,000	35.71
1928-----	570	319	182	150	27,000	47.37
1929-----	500	300	150	165	25,000	50.00
Totals-----	6,203	---	1,968	-----	\$327,000	-----

1929 figures preliminary.

PRODUCTION, MARKET PRICE AND VALUE OF APPLES AND PEACHES IN COLORADO,
1910-1929

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-----	2,460,000	.95	2,337,000	1,000,000	1.45	1,450,000
Totals-----	58,426,000	----	\$62,630,000	15,165,000	----	\$22,828,500

1929 figures preliminary.

PRODUCTION, PRICE AND VALUE OF PEARS IN COLORADO, 1910-1929

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-----	650,000	1.50	975,000
Totals-----	6,613,000	----	-----

NOTE—Data for earlier years is incomplete. 1929 figures preliminary.
No prices published for 1914-15-16.

**ACREAGE, PRODUCTION AND VALUE OF CUCUMBERS FOR PICKLES IN COLORADO,
1918-1929**

Year	Acres	Yield per Acre, Bus.	Produc- tion, 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-----	2,400	115	276,000	.60	166,000	69.17
Totals, 1918-1929-----	33,370	---	2,497,000	----	-----	-----
Totals, 1922-1929-----	23,360	---	1,750,000	----	\$1,715,000	-----

1929 figures preliminary.

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

**ACREAGE, PRODUCTION AND VALUE OF SNAP BEANS FOR MANUFACTURE IN
COLORADO, 1918-1929**

Year	Acres	Yield per Acre, Tons	Produc- tion, 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
Totals, 1918-1929-----	13,420	--	39,600	-----	-----	-----
Totals, 1922-1929-----	9,860	--	27,800	-----	\$1,616,000	-----

1929 figures preliminary.

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

ACREAGE, PRODUCTION AND VALUE OF CANTALOUPE IN COLORADO, 1918-1929

Year	Acres Harvested	Yield per Acre, Crates	Produc- tion, 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	206.80
1920-----	8,280	150	1,242,000	1.60	1,987,000	239.97
1921-----	8,200	182	1,492,000	.84	1,253,000	152.80
1922-----	14,000	100	1,400,000	1.75	2,450,000	175.00
1923-----	8,620	125	1,078,000	1.69	1,822,000	211.35
1924-----	8,040	145	1,166,000	1.19	1,388,000	172.64
1925-----	7,900	181	1,430,000	.91	1,301,000	164.72
1926-----	11,670	170	1,984,000	1.17	2,321,000	198.89
1927-----	12,100	127	1,537,000	1.05	1,614,000	133.39
1928-----	9,000	130	1,170,000	.94	1,100,000	122.00
1929-----	11,000	230	2,530,000	.83	2,100,000	190.91
Totals-----	110,100	---	16,942,000	---	\$19,930,000	-----

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR TABLE USE,
1918-1929

Year	Acres	Yield per Acre, Bus.	Produc- tion, 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	415.45
1920-----	630	250	158,000	1.60	253,000	401.60
1921-----	180	250	45,000	1.65	74,000	411.11
1922-----	490	303	148,000	1.29	191,000	389.93
1923-----	970	214	208,000	1.76	366,000	377.35
1924-----	350	228	80,000	1.13	90,000	257.14
1925-----	580	308	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-----	600	180	108,000	.97	105,000	175.00
Totals-----	6,870	---	1,734,000	----	\$2,202,000	-----

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR
MANUFACTURE, 1918-1929

Year	Acres	Yield per Acre, Tons	Produc- tion, 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	54.80
1922-----	2,200	8.2	18,000	8.67	156,000	70.90
1923-----	2,860	5.0	14,300	9.00	129,000	45.10
1924-----	2,000	7.2	14,400	10.25	148,000	74.00
1925-----	3,040	8.5	25,800	11.50	297,000	97.70
1926-----	2,350	7.5	17,600	12.00	211,000	89.79
1927-----	2,000	7.0	14,000	12.00	168,000	84.00
1928-----	1,600	7.4	11,800	11.00	130,000	81.25
1929-----	1,920	8.7	16,700	11.00	184,000	95.83
Totals-----	26,270	--	196,100	----	\$2,302,000	-----

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF CELERY IN COLORADO, 1918,1929

Year	Acres	Yield per Acre, Crates	Produc- tion, 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	863.89
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-----	240	300	282,000	1.70	479,000	509.56
1928-----	900	300	270,000	1.65	446,000	495.56
1929-----	1,050	240	252,000	1.10	277,000	263.81
Totals-----	8,100	---	2,535,000	---	\$4,764,000	-----

1929 figures preliminary.

**ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS GROWN IN COLORADO
FOR TABLE USE, 1922-1929**

Year	Acres	Yield per Acre, Hampers	Produc- tion, 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-----	850	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-----	9,500	81	770,000	1.30	1,001,000	105.37
Totals-----	26,030	---	1,814,000	----	\$3,349,000	-----

1929 figures preliminary.

**ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS FOR MANUFACTURE IN
COLORADO, 1922-1929**

Year	Acres	Yield per Acre, Pounds	Produc- tion, Tons	Price per Ton	Value	Value per Acre
1922-----	2,940	1,400	2,100	\$65.00	\$136,000	\$46.24
1923-----	3,680	1,000	1,800	69.00	124,000	33.70
1924-----	3,140	1,600	2,500	52.54	131,000	41.72
1925-----	3,520	1,800	3,200	60.00	192,000	54.55
1926-----	2,570	1,800	2,313	60.10	139,000	54.09
1927-----	1,900	1,800	1,710	60.00	103,000	54.21
1928-----	3,000	1,900	2,850	50.00	142,000	47.33
1929-----	3,600	1,776	3,197	44.10	141,000	39.17
Totals-----	24,350	----	19,670	----	\$1,108,000	-----

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF CABBAGE IN COLORADO, 1918-1929

Year	Acres Harvested	Yield per Acre, Tons	Produc- tion, 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	76,400	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-----	2,600	14.5	37,700	13.90	524,000	201.53
1928-----	3,100	14.4	44,600	12.97	578,000	186.45
1929-----	3,300	10.3	34,000	19.94	678,000	205.45
Totals-----	45,345	---	556,530	----	\$7,341,400	-----

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF LETTUCE IN COLORADO, 1918-1929

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-----	9,800	110	1,078,000	1.25	1,348,000	137.55
Totals-----	76,850	---	9,615,000	---	\$14,696,000	---

1929 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF CAULIFLOWER IN COLORADO, 1922-1929

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-----	3,600	360	1,296,000	.70	907,000	251.94
Totals-----	9,620	---	2,601,000	---	\$2,662,000	---

1929 figures preliminary.

ACRES, PRODUCTION AND VALUE OF GRAIN SORGHUMS IN COLORADO, 1919-1929

Year	Acres	Yield per Acre, Bus.	Production, Bushels	Price per Bu.	Value	Value per Acre
1919	283,000	16	4,528,000	\$1.20	\$ 5,434,000	\$19.20
1920	282,000	15	4,230,000	.84	3,553,000	12.60
1921	265,000	13	3,445,000	.52	1,791,000	6.76
1922	247,000	14	3,458,000	.70	2,421,000	9.80
1923	320,000	18	5,760,000	.80	4,608,000	14.40
1924	233,000	8	1,864,000	.90	1,678,000	7.20
1925	246,000	11	2,706,000	.71	1,921,000	7.81
1926	227,000	5	1,135,000	.60	681,000	3.00
1927	284,000	10	2,840,000	.65	1,846,000	6.50
1928	256,000	10.5	2,688,000	.60	1,613,000	6.30
1929	205,000	11	2,255,000	.80	1,804,000	8.80
Totals	2,848,000	--	34,909,000	----	\$27,350,000	---

1929 figures preliminary.

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

NUMBER AND SIZE OF FARMS AND FARM TENURE, 1929

COUNTY	No. of Farms*	Average No. of Acres Per Farm	Total Farm Acreage	Owners	Renters	Home-headers	Owners and Renters	Renters, Per Cent of Total
Adams-----	1,430	265.90	380,230	721	511	---	198	35.73
Alamosa-----	350	272.57	95,400	232	104	---	14	29.71
Arapahoe-----	725	345.43	250,440	387	225	---	113	31.03
Archuleta-----	235	449.59	105,650	200	35	---	---	14.89
Baca-----	1,050	601.71	631,790	376	328	---	346	31.24
Bent-----	725	341.80	247,810	269	334	9	113	46.07
Boulder-----	980	129.07	126,490	562	394	---	24	40.20
Chaffee-----	200	268.83	53,770	152	48	---	---	24.00
Cheyenne-----	450	598.52	269,330	251	173	1	25	38.44
Clear Creek-----	28	275.54	7,710	22	5	1	---	17.85
Conejos-----	650	174.97	113,730	507	86	---	57	13.23
Costilla-----	329	118.70	39,050	162	116	---	51	35.26
Crowley-----	560	172.70	96,710	182	297	3	78	53.04
Custer-----	310	614.88	190,610	238	68	4	---	21.94
Delta-----	1,440	90.83	130,800	999	393	8	40	27.29
Denver-----	---	---	---	---	---	---	---	---
Dolores-----	145	404.83	58,700	74	25	19	27	17.24
Douglas-----	390	709.89	276,860	209	144	---	37	36.92
Eagle-----	440	228.75	100,650	384	41	13	2	2.95
Elbert-----	1,155	651.68	752,690	691	379	---	85	32.81
El Paso-----	1,000	627.07	627,070	560	360	---	80	36.00
Fremont-----	900	165.58	149,020	700	156	4	40	17.33
Garfield-----	800	204.83	163,860	532	239	7	22	29.87
Gilpin-----	30	379.93	11,400	20	10	---	---	33.33
Grand-----	245	722.88	177,110	218	27	---	---	11.02
Gunnison-----	310	471.16	146,060	258	29	12	11	9.35
Hinsdale-----	31	358.87	11,130	26	2	---	3	6.45
Huerfano-----	600	466.89	280,140	550	40	10	---	6.67
Jackson-----	250	1,118.72	279,680	238	10	2	---	4.00
Jefferson-----	1,220	131.64	160,600	866	260	---	94	21.31
Kiowa-----	455	516.55	235,030	198	154	---	103	33.85
Kit Carson-----	1,357	523.39	710,240	510	573	2	272	42.23
Lake-----	27	541.48	14,620	23	4	---	---	14.81
La Plata-----	775	271.28	210,240	479	220	2	74	28.39
Larimer-----	1,430	206.83	296,760	699	682	---	49	47.69
Las Animas-----	910	379.97	345,770	576	254	5	75	27.92
Lincoln-----	1,040	558.37	580,710	465	325	---	250	31.25
Logan-----	2,071	368.14	762,420	714	1,112	---	245	53.69
Mesa-----	2,625	53.15	139,530	2,077	474	10	64	18.06
Mineral-----	30	694.66	20,840	25	5	---	---	16.67
Moffat-----	714	457.23	326,460	544	95	46	29	13.30
Montezuma-----	450	219.38	98,720	294	111	2	43	24.67
Montrose-----	1,070	135.67	145,160	621	402	---	47	37.57
Morgan-----	1,420	311.05	441,700	549	709	2	160	49.93
Otero-----	1,120	122.96	137,710	522	554	---	44	49.46
Ouray-----	160	219.11	35,060	114	46	---	---	28.75
Park-----	227	998.11	226,570	181	30	16	---	13.22
Phillips-----	690	514.42	354,950	120	319	---	251	46.23
Pitkin-----	140	317.32	44,430	115	25	---	---	17.86
Prowers-----	1,080	318.23	343,690	444	543	---	93	50.28
Pueblo-----	1,240	426.26	528,570	668	406	2	164	32.74
Rio Blanco-----	350	620.57	217,200	350	---	---	---	---
Rio Grande-----	430	277.07	119,140	298	102	---	35	23.72
Routt-----	632	408.53	258,190	464	150	7	11	23.73
Saguache-----	340	378.38	128,650	216	99	---	25	29.11
San Juan-----	---	---	---	---	---	---	---	---
San Miguel-----	250	563.45	140,860	204	13	18	20	5.20
Sedgwick-----	540	301.05	162,570	181	253	---	106	46.85
Summit-----	65	374.67	24,350	63	2	---	---	3.08
Teller-----	190	503.83	95,730	138	46	6	---	24.21
Washington-----	1,500	614.34	921,510	369	602	1	528	40.13
Weld-----	4,334	272.40	1,180,610	1,618	2,349	2	365	54.20
Yuma-----	1,560	560.20	873,920	667	573	---	320	36.73
State-----	46,200	347.52	16,055,400	25,087	16,071	209	4,833	34.79

*Includes only farms of more than three acres upon which some crop was produced in 1929.

FARM ACREAGE REPORTED UNDER VARIOUS TENURES AND TOTAL ACREAGE
HARVESTED, 1929

COUNTY	Acreage Owners	Acreage Renters	Acreage Home- steaders	Acreage Owners and Renters	Total Farm Acreage	Total Acreage Harvested	Harvested Area % of Total Area
Adams	130,720	138,780	-----	110,730	380,230	217,610	26.94
Alamosa	64,440	25,110	-----	5,850	95,400	62,601	13.45
Arapahoe	107,580	87,560	-----	55,300	250,440	130,701	24.25
Archuleta	84,710	20,940	-----	-----	105,650	18,670	2.39
Baca	195,480	169,020	-----	267,290	631,790	252,485	15.46
Bent	89,360	83,550	3,510	71,390	247,810	83,601	8.57
Boulder	67,340	53,880	-----	5,270	126,490	81,640	16.70
Chaffee	40,580	13,190	-----	-----	53,770	18,975	2.74
Cheyenne	145,990	103,720	520	19,100	269,330	107,050	9.41
Clear Creek	7,340	290	80	-----	7,710	1,027	0.41
Conejos	102,470	5,240	-----	6,020	113,730	66,041	8.24
Costilla	25,350	13,700	-----	-----	39,050	28,441	3.75
Crowley	36,080	48,840	850	10,940	96,710	58,503	11.31
Custer	149,820	38,030	2,760	-----	190,610	28,128	5.88
Delta	85,650	38,510	1,370	5,270	130,800	50,760	6.60
Denver	-----	-----	-----	-----	-----	-----	-----
Dolores	29,790	12,930	11,220	4,760	58,700	11,775	1.76
Douglas	138,380	105,600	-----	32,880	276,860	52,075	9.63
Eagle	83,380	11,720	5,140	410	100,650	31,065	3.00
Elbert	447,180	228,020	-----	77,490	752,690	187,150	15.74
El Paso	318,120	216,480	-----	92,470	627,070	144,578	10.65
Fremont	115,500	22,310	2,220	8,990	149,020	18,149	1.82
Garfield	107,330	49,640	1,620	5,270	163,860	55,843	2.81
Gilpin	9,330	2,070	-----	-----	11,400	1,732	2.05
Grand	159,910	16,530	-----	670	177,110	36,285	3.04
Gunnison	124,860	11,380	3,010	6,810	146,060	53,107	2.61
Hinsdale	8,930	960	-----	1,240	11,130	3,925	0.63
Huerfano	258,100	16,570	4,390	1,080	280,140	27,454	2.86
Jackson	264,120	6,530	9,030	-----	279,680	77,020	7.38
Jefferson	101,250	48,480	-----	10,870	160,600	56,446	10.92
Kiowa	96,370	72,880	-----	65,780	235,030	83,770	7.28
Kit Carson	243,040	274,440	600	192,160	710,240	335,135	24.11
Lake	12,200	2,420	-----	-----	14,620	7,260	3.06
La Plata	129,100	53,490	1,030	26,620	210,240	52,776	4.46
Larimer	155,670	128,550	-----	11,540	295,760	150,792	8.94
Las Animas	186,890	105,330	3,470	50,080	345,770	53,830	1.75
Lincoln	209,610	170,150	-----	200,950	580,710	257,695	15.67
Logan	167,500	346,610	-----	154,310	762,420	408,276	35.02
Mesa	100,040	29,120	2,210	8,160	139,530	77,297	3.82
Mineral	17,920	2,920	-----	-----	20,840	3,960	0.71
Moffat	239,950	45,370	19,250	21,890	326,460	54,450	1.83
Montezuma	57,730	23,670	760	16,560	98,720	41,325	3.15
Montrose	82,080	56,990	-----	6,090	145,160	69,272	4.78
Morgan	162,490	194,160	240	84,810	441,700	232,818	28.29
Otero	66,020	66,440	-----	5,250	137,710	72,382	8.93
Ouray	23,940	11,120	-----	-----	35,060	13,400	4.03
Park	194,090	19,480	13,000	-----	226,570	45,055	3.14
Phillips	49,900	145,040	-----	160,010	354,950	235,605	53.51
Pitkin	34,260	10,170	-----	-----	44,430	12,580	1.93
Prowers	144,000	154,060	-----	45,630	343,690	163,901	15.71
Pueblo	230,160	141,810	560	156,040	528,570	101,924	6.53
Rio Blanco	217,200	-----	-----	-----	217,200	40,795	1.98
Rio Grande	81,160	25,290	-----	12,690	119,140	89,668	15.60
Routt	191,640	55,850	4,110	6,590	258,190	75,905	5.14
Saguache	100,410	21,560	-----	6,680	128,650	87,150	4.35
San Juan	-----	-----	-----	-----	-----	-----	-----
San Miguel	114,500	4,530	7,350	14,480	140,860	25,585	3.10
Sedgwick	23,050	59,600	-----	79,920	162,570	111,049	41.50
Summit	24,070	280	-----	-----	24,350	9,250	2.23
Teller	69,100	25,570	1,060	-----	95,730	14,365	4.10
Washington	183,260	305,750	680	431,820	921,510	396,370	24.56
Weld	376,620	532,560	570	270,860	1,180,610	702,373	27.28
Yuma	346,790	273,830	-----	253,300	873,920	386,720	25.53
State	7,923,850	4,948,620	100,610	3,082,320	16,055,400	6,405,570	9.66

NOTE—The total acreage harvested as shown on this page does not include 35,000 acres of millet seed or 4,550 acres of garden and seed crops. There is no satisfactory basis for allotting these acreages to the different counties.

DISTRIBUTION OF FARMS ACCORDING TO SIZE, 1929

COUNTY	Less Than 3 Acres	3 to 10 Acres	10 to 20 Acres	20 to 50 Acres	50 to 100 Acres	100 to 175 Acres	175 to 260 Acres	260 to 500 Acres	500 to 1,000 Acres	1,000 to 2,000 Acres	Over 2,000 Acres
Adams	6	145	128	146	160	296	78	237	151	69	14
Alamosa	1	1	---	4	25	180	11	105	13	8	3
Arapahoe	11	65	51	78	45	68	42	170	133	50	12
Archuleta	---	---	1	7	21	98	26	54	16	9	3
Baca	---	---	---	5	6	55	33	431	378	107	35
Bent	1	2	6	33	97	242	87	162	54	29	12
Boulder	---	31	26	96	301	347	79	100	---	---	---
Chaffee	1	2	9	16	14	50	40	53	12	3	---
Cheyenne	---	---	---	---	1	43	19	266	105	15	1
Clear Creek	---	---	3	2	6	5	4	6	---	1	1
Conejos	---	13	43	121	164	183	62	47	15	---	2
Costilla	---	15	40	93	68	50	29	28	4	2	---
Crowley	---	13	13	59	135	158	44	113	24	1	---
Custer	---	2	4	5	7	81	37	96	57	15	6
Delta	6	54	157	497	342	246	63	61	11	2	1
Denver	---	---	---	---	---	---	---	---	---	---	---
Dolores	---	---	---	---	3	32	2	75	29	3	1
Douglas	---	---	---	5	11	41	30	116	109	60	18
Eagle	1	4	5	18	61	190	45	87	27	2	---
Elbert	---	---	1	5	14	120	74	499	276	113	53
El Paso	---	---	4	19	43	129	61	439	227	70	8
Fremont	142	370	122	87	30	60	23	36	20	4	6
Garfield	7	23	49	123	131	224	80	117	40	3	3
Gilpin	---	---	---	---	6	8	1	9	1	5	---
Grand	---	---	1	---	5	44	13	78	66	29	9
Gunnison	---	2	1	4	9	78	35	84	72	19	6
Hinsdale	---	---	---	---	---	11	1	9	10	---	---
Huerfano	4	4	12	50	66	120	50	161	85	19	29
Jackson	---	---	---	2	2	44	12	53	59	54	24
Jefferson	25	267	275	181	120	151	47	86	46	16	6
Kiowa	---	---	---	---	2	27	10	262	121	29	4
Kit Carson	---	---	---	3	14	151	52	649	366	110	12
Lake	---	---	---	1	---	6	1	8	10	---	1
La Plata	---	---	3	44	144	227	102	167	73	12	3
Larimer	4	66	63	162	288	470	163	125	57	17	15
Las Animas	4	37	45	123	86	168	37	285	95	28	2
Lincoln	---	---	1	2	12	109	87	395	319	98	17
Logan	13	14	14	33	149	518	154	769	305	81	21
Mesa	26	353	652	883	347	222	62	61	15	4	---
Mineral	---	---	---	1	---	12	2	6	2	4	3
Moffat	---	3	2	19	15	82	33	337	193	21	9
Montezuma	---	---	1	21	64	207	47	98	8	4	---
Montrose	2	12	45	273	366	266	63	39	2	2	---
Morgan	---	2	3	19	218	402	150	407	163	47	9
Otero	6	37	81	233	363	272	74	36	17	1	---
Ouray	---	---	---	9	21	57	24	41	6	2	---
Park	---	---	1	1	3	56	12	30	61	38	25
Phillips	---	---	---	1	3	62	33	337	209	45	---
Pitkin	---	---	1	---	10	41	24	34	26	3	1
Prowers	---	---	1	42	131	349	128	300	106	21	2
Pueblo	2	39	150	210	164	163	79	206	157	45	25
Rio Blanco	---	---	---	8	10	75	31	110	75	32	9
Rio Grande	---	3	---	3	11	173	25	155	46	11	3
Routt	---	---	---	8	19	173	64	242	100	20	6
Saguache	---	2	---	5	8	128	19	90	36	37	15
San Juan	---	---	---	---	---	---	---	---	---	---	---
San Miguel	---	---	---	2	10	58	20	90	49	16	5
Sedgwick	---	---	---	---	4	60	28	223	177	44	4
Summit	---	---	---	1	2	26	3	16	13	4	---
Teller	---	1	2	5	7	53	21	49	36	10	6
Washington	---	---	---	9	16	97	49	641	483	184	21
Weld	2	12	22	126	915	1,543	391	852	344	100	27
Yuma	---	---	---	2	12	151	119	691	418	135	32
State	263	1,594	2,038	3,905	5,307	9,758	3,235	11,529	6,128	1,913	530

NUMBER OF FARMS REPORTING PRINCIPAL CROPS IN 1929

COUNTY	Corn	Oats	Barley	Winter Wheat	Spring Wheat	All Rye	Pota- toes	All Sor- ghums	Al- falfa	Sugar Beets
Adams	826	292	753	573	433	71	108	283	640	470
Alamosa	---	276	212	3	193	---	280	---	311	62
Arapahoe	505	157	364	344	158	74	11	215	304	38
Archuleta	28	171	56	2	118	---	100	---	185	---
Baca	904	7	361	425	66	4	---	928	43	---
Bent	515	87	281	183	10	---	1	310	461	192
Boulder	540	308	574	411	404	11	19	---	774	378
Chaffee	---	106	127	---	125	---	119	---	142	---
Cheyenne	442	41	216	52	33	5	8	326	20	---
Clear Creek	---	15	2	---	1	---	5	---	6	---
Conejos	---	192	263	---	257	---	236	---	338	15
Costilla	---	79	134	34	161	5	103	---	197	---
Crowley	454	87	182	13	17	1	7	174	390	276
Custer	24	197	157	11	81	28	235	4	56	1
Delta	628	458	355	98	479	4	225	2	1,160	227
Denver	---	---	---	---	---	---	---	---	---	---
Dolores	88	53	26	31	39	21	42	53	15	6
Douglas	327	258	163	166	77	91	46	35	252	---
Eagle	---	172	52	---	93	1	141	---	245	---
Elbert	1,042	494	474	424	403	234	332	326	374	1
El Paso	849	509	192	71	182	228	206	212	95	19
Fremont	300	105	97	29	83	14	47	10	381	10
Garfield	154	354	247	28	454	15	380	---	707	107
Gilpin	---	30	7	---	3	1	30	---	2	---
Grand	---	73	34	11	1	16	34	2	19	2
Gunnison	---	79	92	6	28	4	204	---	57	---
Hinsdale	---	---	7	---	---	---	13	---	5	---
Huerfano	316	170	185	77	75	12	31	46	278	---
Jackson	---	8	10	1	1	1	17	---	1	---
Jefferson	283	426	239	238	230	9	188	4	704	35
Kiowa	434	3	89	27	14	2	3	*682	13	---
Kit Carson	1,292	383	1,147	567	492	111	796	1,040	22	---
Lake	---	---	---	---	---	---	---	---	---	---
La Plata	253	455	334	49	535	3	402	6	650	5
Larimer	560	604	907	287	529	11	74	9	1,221	876
Las Animas	664	288	129	103	112	1	28	294	251	24
Lincoln	934	135	526	338	297	101	466	806	117	---
Logan	1,301	678	1,410	877	286	162	494	658	632	510
Mesa	1,293	493	182	289	547	14	490	64	1,490	221
Mineral	---	13	12	---	---	---	---	---	1	---
Moffat	96	286	165	191	199	165	242	6	346	2
Montezuma	237	212	115	29	252	2	288	84	307	---
Montrose	625	580	319	57	693	10	641	1	980	309
Morgan	1,020	282	841	227	189	80	164	409	629	567
Otero	812	391	349	153	102	2	5	148	888	627
Ouray	2	75	51	5	87	2	83	---	99	---
Park	---	165	98	---	19	39	168	1	2	3
Phillips	621	401	471	596	69	98	53	496	47	47
Pitkin	1	123	23	---	66	---	126	---	96	---
Prowers	963	116	535	351	42	5	3	634	607	278
Pueblo	1,010	230	274	173	151	19	4	271	800	321
Rio Blanco	---	141	25	59	112	15	7	---	200	---
Rio Grande	---	272	272	---	184	---	382	---	275	19
Routt	5	377	293	36	235	7	312	2	258	2
Saguache	---	196	190	43	77	---	229	---	161	6
San Juan	---	---	---	---	---	---	---	---	---	---
San Miguel	30	97	156	33	48	7	40	20	106	---
Sedgwick	374	228	396	325	24	68	152	80	171	142
Summit	---	13	5	2	6	5	25	---	2	---
Teller	---	182	55	---	8	10	156	---	7	---
Washington	1,373	452	1,228	758	503	275	306	1,110	89	48
Weld	2,343	1,499	3,070	1,114	1,368	260	1,489	625	2,763	2,605
Yuma	1,495	427	745	692	198	255	493	1,288	55	1
State	25,963	15,001	20,274	10,612	11,699	2,579	11,289	11,664	21,437	8,452

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

PERCENTAGE OF TOTAL NUMBER OF FARMS REPORTING PRINCIPAL CROPS, 1929

COUNTY	Corn	Oats	Barley	Winter Wheat	Spring Wheat	All Rye	Pota-toes	All Sor-guhms*	Al-falfa	Sugar Beets
Adams	57.76	20.42	52.66	40.06	30.28	4.97	7.55	19.79	44.75	32.86
Alamosa	---	78.86	60.57	0.84	55.14	---	80.00	---	88.86	17.71
Arapahoe	69.65	21.66	50.21	47.40	21.75	10.23	1.52	29.66	41.93	5.20
Archuleta	11.91	72.77	23.82	0.85	50.22	---	42.55	---	78.72	---
Baca	86.09	0.67	34.38	40.48	6.28	0.38	---	88.38	4.09	---
Bent	71.03	12.00	38.76	25.24	1.38	---	0.14	42.76	63.59	26.48
Boulder	55.10	31.43	58.57	41.94	41.22	0.20	1.94	---	78.93	38.57
Chaffee	---	53.00	63.50	---	62.50	---	59.50	---	71.00	---
Cheyenne	98.22	9.11	48.00	11.56	7.33	1.11	1.78	72.44	0.22	---
Clear Creek	---	53.57	7.14	---	3.57	---	39.28	---	21.42	---
Conejos	---	29.54	40.46	---	39.53	---	36.31	---	52.00	2.31
Costilla	2.43	24.01	40.73	10.33	48.94	---	---	---	59.87	---
Crowley	81.07	15.54	32.50	2.32	3.04	0.18	1.25	31.07	69.64	49.29
Custer	7.74	63.55	50.65	3.55	26.13	9.03	75.81	---	9.03	0.32
Delta	43.61	31.81	24.65	6.81	33.26	0.28	15.63	0.14	80.55	15.76
Denver	---	---	---	---	---	---	---	---	---	---
Dolores	60.69	36.55	17.93	21.38	26.90	14.48	28.96	36.55	10.34	4.19
Douglas	83.85	66.15	41.79	42.56	19.74	23.33	11.79	8.97	64.62	---
Eagle	---	39.09	11.82	---	21.14	0.45	32.05	---	55.68	---
Elbert	90.21	42.77	41.03	36.70	34.89	20.26	28.74	28.23	32.38	0.09
El Paso	84.90	50.90	19.20	7.10	18.20	22.80	20.60	21.20	9.50	1.90
Fremont	33.33	11.66	10.78	3.22	9.22	1.56	5.22	1.11	42.33	1.11
Garfield	19.25	44.25	30.88	3.50	56.75	1.88	47.50	---	88.38	13.38
Gilpin	---	100.00	23.33	---	10.00	10.00	100.00	---	---	---
Grand	---	29.80	13.87	4.49	0.42	6.53	13.88	0.82	7.76	0.82
Gunnison	---	25.48	29.68	1.94	9.03	1.29	65.81	---	18.39	---
Hinsdale	---	9.68	22.58	---	---	---	41.94	---	16.12	---
Huerfano	52.67	28.33	30.83	12.83	12.50	2.00	5.17	7.67	46.33	---
Jackson	---	3.20	4.00	0.40	0.40	0.40	6.80	---	0.40	---
Jefferson	23.20	34.92	19.59	19.50	22.95	0.74	15.40	0.32	57.70	2.86
Kiowa	95.38	0.66	19.56	5.93	3.07	0.44	0.66	149.88*	1.32	---
Kit Carson	95.21	28.22	84.52	41.78	36.26	8.17	58.66	76.64	0.96	---
Lake	---	---	---	---	---	---	---	---	---	---
La Plata	32.65	58.71	43.10	6.32	69.03	0.39	51.87	0.77	83.87	0.65
Larimer	39.16	42.24	63.43	20.06	36.99	0.77	5.17	0.63	85.38	61.26
Las Animas	72.97	31.65	14.18	11.31	12.31	0.22	3.08	32.31	27.58	2.64
Lincoln	89.81	12.98	50.58	32.50	23.55	9.71	44.81	77.50	11.25	---
Logan	62.82	32.74	68.08	42.35	13.81	7.82	23.85	31.77	30.52	24.62
Mesa	49.26	18.78	6.93	11.01	20.84	0.53	18.67	2.44	56.76	8.42
Mineral	---	43.33	40.00	---	---	---	---	---	3.33	---
Moffat	13.45	40.06	23.11	26.75	27.87	23.11	33.89	0.84	48.46	0.28
Montezuma	52.67	47.11	25.56	6.44	56.00	0.44	64.00	18.67	68.22	---
Montrose	58.41	54.21	29.81	5.33	64.77	0.93	59.90	0.09	91.58	28.87
Morgan	71.82	19.86	59.23	15.99	13.31	5.63	11.55	28.80	44.29	39.93
Otero	72.50	34.91	31.16	13.66	9.11	0.44	0.44	13.21	79.29	55.98
Ouray	1.25	46.87	31.88	3.13	54.38	1.25	51.88	---	61.88	---
Park	---	72.69	43.17	---	8.37	17.18	74.01	0.44	0.88	1.32
Phillips	90.00	58.12	68.26	86.88	10.00	14.20	7.68	71.88	0.29	6.81
Pitkin	0.71	87.86	16.42	---	47.14	2.14	90.00	---	68.57	---
Prowers	89.16	10.74	49.53	32.50	8.39	0.46	---	58.70	56.20	25.74
Pueblo	81.45	18.54	22.10	13.95	12.18	1.53	0.32	21.85	64.52	25.89
Rio Blanco	---	40.29	7.14	16.86	32.00	4.29	2.00	---	57.14	---
Rio Grande	---	63.26	63.26	---	42.79	---	88.84	0.47	63.95	4.42
Routt	0.16	59.65	46.36	5.70	37.18	1.11	49.37	0.32	40.82	0.32
Saguache	---	57.65	55.88	12.65	22.65	---	67.35	0.59	44.41	1.76
San Juan	---	---	---	---	---	---	---	---	---	---
San Miguel	12.00	38.80	62.40	13.20	19.20	2.80	16.00	8.00	42.40	---
Sedgwick	69.26	42.21	73.33	60.19	4.44	12.58	28.15	14.81	31.67	26.29
Summit	---	20.00	7.69	3.08	9.23	7.69	38.46	---	3.08	---
Teller	---	95.79	28.95	---	4.21	5.26	82.11	---	3.68	---
Washington	91.53	30.13	81.87	50.53	33.53	18.33	20.40	74.00	5.93	3.20
Weld	54.06	34.59	70.84	25.70	31.56	6.00	34.36	14.42	63.75	60.11
Yuma	95.83	27.37	47.76	44.86	12.69	16.35	31.60	32.56	3.53	0.06
State	56.21	32.48	43.88	22.97	25.32	5.57	24.22	25.25	46.16	18.29

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

AVERAGE NUMBER OF ACRES OF PRINCIPAL CROPS FOR EACH FARM REPORTING SUCH CROPS IN 1929

COUNTY	Corn	Oats for Grain	Barley	Winter Wheat	Spring Wheat	All Rye	Potatoes	All Sorghums	Alfalfa	Sugar Beets
Adams	39.10	11.95	33.96	128.50	41.11	35.49	6.20	20.28	23.45	24.19
Alamosa	---	19.57	22.92	6.67	14.82	---	20.71	---	60.35	10.48
Arapahoe	44.55	13.43	31.18	140.41	72.34	21.62	2.73	18.18	47.13	15.53
Archuleta	6.42	12.05	6.07	10.00	7.88	---	2.20	---	31.78	---
Baca	57.96	57.14	57.34	172.61	102.73	138.75	---	52.24	29.06	---
Bent	54.17	10.46	18.65	19.56	30.00	---	15.00	31.10	59.02	15.36
Boulder	13.33	9.87	13.75	40.97	26.01	26.36	8.41	---	26.87	25.00
Chaffee	---	13.96	14.33	---	8.96	---	2.52	---	38.44	---
Cheyenne	127.15	33.41	55.14	121.92	50.00	66.00	5.00	52.72	24.50	---
Clear Creek	---	12.67	5.00	---	---	---	2.00	---	3.33	---
Conejos	---	19.06	27.68	---	19.14	---	14.41	---	39.62	17.33
Costilla	---	8.61	18.66	11.76	6.52	29.00	3.20	---	32.74	10.00
Crowley	29.30	12.64	13.90	15.38	12.35	15.00	2.86	27.36	40.85	21.74
Custer	30.83	12.34	13.18	19.09	11.36	12.32	5.74	20.00	43.93	---
Delta	5.73	8.78	7.83	7.96	6.47	5.00	4.22	---	25.87	8.94
Denver	---	---	---	---	---	---	---	---	---	---
Dolores	23.30	20.38	16.15	53.55	48.46	16.19	6.16	8.67	20.00	---
Douglas	40.06	23.13	26.93	42.05	12.73	15.66	2.39	15.43	30.67	---
Eagle	---	12.27	10.38	---	7.74	5.00	9.57	---	35.84	---
Elbert	41.55	16.17	31.33	69.65	37.91	30.98	1.66	12.82	31.12	---
El Paso	55.42	24.62	19.27	40.28	18.96	35.61	3.16	20.47	75.58	---
Fremont	9.13	7.90	9.90	13.79	5.42	10.00	7.02	10.00	16.12	9.00
Garfield	6.62	7.51	9.07	15.00	11.26	5.00	6.74	---	52.94	15.04
Gilpin	---	8.33	4.29	---	6.67	5.00	2.83	---	5.00	---
Grand	---	10.14	12.65	13.64	---	11.87	2.21	---	21.05	---
Gunnison	---	7.97	7.28	8.33	3.57	11.25	1.18	---	42.81	---
Hinsdale	---	---	8.57	---	---	---	6.15	---	8.00	---
Huerfano	13.61	9.18	8.00	42.73	3.47	9.17	2.42	9.78	36.08	---
Jackson	---	13.75	11.00	---	10.00	55.00	1.18	---	10.00	---
Jefferson	20.49	9.23	15.36	35.88	18.21	5.00	3.35	52.50	24.94	16.29
Kiowa	104.61	93.33	46.18	115.56	37.85	---	6.67	34.77	131.53	---
Kit Carson	106.78	11.85	55.36	102.59	44.65	68.96	1.01	19.47	44.09	---
Lake	---	---	---	---	---	---	---	---	---	---
La Plata	12.69	8.79	7.99	22.86	20.79	5.00	1.87	46.67	34.37	---
Larimer	17.71	10.76	18.77	47.56	28.83	10.00	6.76	8.89	41.15	24.47
Las Animas	17.32	5.83	20.08	37.86	16.07	5.00	3.67	21.50	35.90	40.83
Lincoln	81.97	12.37	52.26	144.76	81.81	53.32	1.50	22.11	27.00	---
Logan	70.10	15.25	53.08	140.39	58.18	58.55	2.43	15.61	38.97	28.69
Mesa	8.89	7.75	10.55	11.59	7.88	26.79	4.90	3.75	23.51	6.29
Mineral	---	18.46	15.83	---	---	---	---	---	10.00	---
Moffat	19.38	16.29	13.21	40.79	25.53	34.42	2.73	23.33	36.13	---
Montezuma	15.32	16.41	10.61	56.90	25.32	47.50	2.60	4.05	53.88	---
Montrose	8.29	7.05	8.37	18.95	9.75	11.00	6.63	---	32.57	6.08
Morgan	71.76	16.31	31.49	118.90	89.95	46.00	1.28	21.47	37.76	35.47
Otero	13.30	8.26	7.59	10.26	9.22	2.50	6.00	15.07	22.70	19.31
Ouray	---	14.40	17.45	14.00	13.22	35.00	3.13	---	25.56	---
Park	---	9.21	13.06	---	3.68	12.30	6.75	---	15.00	---
Phillips	107.09	22.89	62.91	170.81	60.72	47.40	5.66	15.16	25.32	---
Pitkin	10.00	12.27	9.13	---	7.42	---	7.93	---	33.65	---
Provers	39.88	11.72	29.33	54.90	47.38	17.00	10.00	38.79	69.76	27.27
Pueblo	26.03	8.22	17.74	41.50	11.79	14.74	5.00	19.07	24.74	20.84
Rio Blanco	---	11.42	19.20	43.05	25.45	22.67	7.14	---	82.55	---
Rio Grande	---	27.39	28.57	---	21.19	---	45.16	---	41.75	10.53
Routt	50.00	23.74	21.23	41.67	37.19	6.43	2.80	35.00	30.27	---
Saguache	---	26.43	17.11	28.84	16.36	---	28.60	---	55.23	6.67
San Juan	---	---	---	---	---	---	---	---	---	---
San Miguel	8.33	21.86	27.76	21.82	9.58	17.86	4.75	8.50	72.82	---
Sedgwick	79.14	22.72	57.98	189.81	34.53	43.97	2.60	22.38	28.13	33.88
Summit	---	13.07	14.00	---	5.00	7.00	1.80	---	20.00	---
Teller	---	19.34	20.91	---	3.75	15.50	6.73	---	18.57	---
Washington	90.60	15.09	58.59	113.35	50.70	55.16	1.86	18.41	44.38	5.83
Weld	35.89	13.30	27.27	84.40	43.07	55.07	15.38	17.17	41.12	31.61
Yuma	119.46	20.30	35.72	137.36	64.54	62.86	1.48	18.62	42.36	---
State	52.61	14.13	32.11	98.28	30.25	42.96	7.86	24.43	36.81	24.85

PER CENT OF CULTIVATED AREA DEVOTED TO PRINCIPAL CROPS, 1929

COUNTY	Corn	Winter Wheat	Spring Wheat	Oats	Barley	All Rye	All Sor- ghums	Pota- toes	Sugar Beets
Adams-----	14.84	33.84	8.18	1.60	11.72	1.16	2.64	0.31	5.22
Alamosa-----	-----	0.03	4.57	8.63	7.76	-----	-----	9.27	1.04
Arapahoe-----	17.21	36.95	8.74	1.61	8.68	1.22	2.99	0.02	0.45
Archuleta-----	0.96	0.11	4.98	11.04	1.82	-----	-----	1.18	-----
Baca-----	20.75	29.05	2.68	0.16	8.20	0.22	19.20	-----	-----
Bent-----	33.37	4.28	0.86	1.09	6.27	-----	11.53	0.02	3.53
Boulder-----	8.82	20.63	12.87	3.72	9.66	0.36	-----	0.20	11.58
Chaffee-----	-----	-----	5.90	7.79	9.60	-----	-----	1.58	-----
Cheyenne-----	52.49	5.92	1.64	1.28	11.13	0.31	16.05	0.05	0.46
Clear Creek-----	-----	-----	-----	18.50	0.97	0.49	-----	0.97	-----
Conejos-----	-----	-----	7.45	5.54	11.02	-----	-----	5.13	0.39
Costilla-----	-----	1.41	3.69	2.39	8.79	0.51	-----	1.16	0.04
Crowley-----	22.73	0.84	0.86	1.88	4.32	0.03	8.14	0.03	10.26
Custer-----	2.63	0.74	3.27	8.63	7.36	1.23	0.28	4.80	-----
Delta-----	7.09	1.54	6.11	7.92	5.48	0.04	-----	1.87	4.00
Denver-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dolores-----	17.41	14.10	16.05	9.17	3.56	2.88	3.90	2.21	-----
Douglas-----	25.15	18.40	1.88	11.46	8.43	2.74	1.73	0.21	14.84
Eagle-----	-----	-----	2.32	6.79	1.74	0.02	-----	4.35	-----
Elbert-----	23.14	15.76	8.16	4.27	7.93	3.87	2.23	0.30	6.21
El Paso-----	32.54	1.98	2.39	8.67	2.56	5.62	3.00	0.45	4.96
Fremont-----	15.10	2.20	2.48	4.57	5.28	0.77	0.55	1.82	0.49
Garfield-----	1.83	0.75	9.15	4.76	4.01	0.13	-----	4.58	2.88
Gilpin-----	-----	-----	1.15	14.43	1.73	0.29	-----	4.91	-----
Grand-----	-----	0.41	-----	2.04	1.19	0.52	-----	0.21	-----
Gunnison-----	-----	0.09	0.19	1.19	1.26	0.08	-----	0.45	-----
Hinsdale-----	-----	-----	-----	-----	1.53	-----	-----	2.04	-----
Huerfano-----	15.66	11.98	0.95	5.68	5.39	0.39	1.63	0.27	-----
Jackson-----	-----	-----	0.01	0.14	0.14	0.07	-----	0.02	-----
Jefferson-----	10.27	15.13	9.04	6.96	6.50	0.08	0.37	1.12	1.01
Kiowa-----	54.20	3.72	0.63	0.34	4.91	-----	28.30	0.03	2.04
Kit Carson-----	41.41	17.46	6.59	1.36	19.06	2.30	6.08	0.24	0.29
Lake-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata-----	6.08	2.12	21.07	7.56	5.06	0.03	0.53	1.42	-----
Larimer-----	6.58	9.05	10.11	4.31	11.29	0.07	0.05	0.33	14.22
Las Animas-----	21.36	7.25	3.84	3.12	4.81	0.01	11.74	0.19	1.82
Lincoln-----	29.71	18.99	9.43	0.65	10.67	2.09	6.92	0.27	1.23
Logan-----	22.33	30.16	4.06	2.53	18.33	2.32	2.52	0.29	3.58
Mesa-----	14.88	4.33	5.58	4.94	2.48	0.49	0.31	3.10	1.80
Mineral-----	-----	-----	-----	6.06	4.80	-----	-----	-----	-----
Moffat-----	3.42	14.31	9.33	8.56	4.00	10.43	0.26	1.21	-----
Montezuma-----	8.78	3.99	15.44	8.42	2.95	0.22	0.82	1.81	-----
Montrose-----	7.48	1.56	9.76	5.90	3.85	0.16	-----	6.14	2.71
Morgan-----	31.44	11.58	7.30	1.98	11.37	1.58	3.77	0.90	8.64
Otero-----	14.92	2.17	1.30	4.46	3.66	0.01	3.08	0.04	16.73
Ouray-----	-----	0.52	8.58	8.06	6.64	0.52	-----	1.94	-----
Park-----	-----	-----	0.16	3.37	2.84	1.07	-----	2.52	-----
Phillips-----	28.22	43.21	1.78	3.90	12.58	1.97	3.19	0.12	0.51
Pitkin-----	0.08	-----	3.89	12.00	1.67	-----	-----	7.95	-----
Prowers-----	23.43	11.76	1.21	0.83	9.57	0.05	15.00	0.02	4.62
Pueblo-----	25.79	7.04	1.75	1.85	4.76	0.27	5.07	0.02	6.56
Rio Blanco-----	-----	6.23	6.99	3.95	1.18	0.83	-----	0.12	-----
Rio Grande-----	-----	-----	4.35	8.31	8.67	-----	-----	19.24	0.22
Routt-----	0.33	1.98	11.51	11.79	8.19	0.06	0.09	1.15	-----
Saguache-----	-----	1.42	1.44	5.94	3.73	-----	-----	7.25	0.05
San Juan-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	0.98	2.81	1.80	8.29	16.92	0.49	0.66	0.74	-----
Sedgwick-----	20.99	43.74	0.59	3.67	16.28	2.12	1.27	0.28	3.36
Summit-----	-----	-----	0.32	1.84	0.76	0.38	-----	0.49	-----
Teller-----	-----	-----	0.21	24.50	8.00	1.08	-----	7.31	-----
Washington-----	31.38	21.68	6.43	1.72	18.15	3.83	5.16	0.14	0.99
Weld-----	11.98	13.39	8.39	2.84	11.92	2.04	1.53	3.27	11.70
Yuma-----	46.18	24.58	3.30	2.24	6.88	4.15	6.20	0.19	0.60
State-----	21.33	16.28	5.53	3.31	10.16	1.71	4.45	1.37	3.28

PERCENTAGE OF CROPS GROWN WITH AND WITHOUT IRRIGATION, 1929

COUNTY	OATS		BARLEY		POTATOES		CORN		DRY BEANS	
	Percent Irrigated	Percent Non-Irrigated	Percent Irrigated	Percent Non-Irrigated	Percent Irrigated	Percent Non-Irrigated	Percent Irrigated	Percent Non-Irrigated	Percent Irrigated	Percent Non-Irrigated
Adams	69.9	30.1	15.3	84.7	89.6	10.4	6.7	93.3	6.5	93.5
Alamosa	100.0	---	100.0	---	100.0	---	---	---	---	---
Arapahoe	34.1	65.9	10.4	89.6	66.7	33.3	3.7	96.3	1.8	98.2
Archuleta	34.0	66.0	52.9	47.1	22.7	77.3	66.7	33.3	---	---
Baca	45.0	55.0	---	100.0	---	---	0.5	99.5	---	100.0
Bent	97.8	2.2	97.5	2.5	33.3	66.7	48.2	51.8	57.3	42.7
Boulder	90.5	9.5	96.2	3.8	100.0	---	71.4	28.6	57.1	42.9
Chaffee	100.0	---	100.0	---	100.0	---	---	---	---	---
Cheyenne	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Clear Creek	---	100.0	---	100.0	---	100.0	---	---	---	---
Conejos	100.0	---	100.0	---	100.0	---	---	---	100.0	---
Costilla	100.0	---	100.0	---	100.0	---	---	---	100.0	---
Crowley	100.0	---	98.0	2.0	50.0	50.0	49.1	50.9	22.9	77.1
Custer	26.7	73.3	27.1	72.9	14.8	85.2	8.1	91.9	---	---
Delta	97.8	2.2	98.9	1.1	91.6	8.4	96.7	3.3	100.0	---
Denver	---	---	---	---	---	---	---	---	---	---
Dolores	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Douglas	0.4	99.6	---	100.0	---	100.0	0.2	99.8	---	100.0
Eagle	98.6	1.4	87.0	13.0	100.0	---	---	---	---	---
Elbert	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
El Paso	1.8	98.2	19.2	80.8	---	100.0	2.6	97.4	0.2	99.8
Fremont	37.3	62.7	57.3	42.7	6.1	93.9	65.7	34.3	100.0	---
Garfield	94.4	5.6	93.7	6.3	93.8	6.2	80.4	19.6	88.2	11.8
Gilpin	---	100.0	---	100.0	---	100.0	---	---	---	---
Grand	100.0	---	100.0	---	86.7	13.3	---	---	---	---
Gunnison	30.2	69.8	59.7	40.3	62.5	37.5	---	---	---	---
Hinsdale	---	---	83.3	16.7	100.0	---	---	---	---	---
Huerfano	46.8	53.2	40.5	59.5	20.0	80.0	6.5	93.5	10.5	89.5
Jackson	81.8	18.2	81.8	18.2	50.0	50.0	---	---	---	---
Jefferson	54.7	45.3	79.0	21.0	12.7	87.3	59.5	40.5	100.0	---
Kiowa	---	100.0	---	100.0	50.0	50.0	---	100.0	---	100.0
Kit Carson	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Lake	---	---	---	---	---	---	---	---	---	---
La Plata	79.8	20.2	76.4	23.6	80.0	20.0	45.2	54.8	68.2	31.8
Larimer	84.3	15.7	86.5	13.5	80.0	20.0	64.2	35.8	77.3	22.7
Las Animas	44.6	55.4	28.6	71.4	10.0	90.0	14.9	85.1	33.1	66.9
Lincoln	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Logan	36.5	63.5	20.0	80.0	41.7	58.3	4.6	95.4	13.8	86.2
Mesa	93.7	6.3	95.3	4.7	87.5	12.5	96.0	4.0	93.9	6.1
Mineral	100.0	---	100.0	---	---	---	---	---	---	---
Moffat	7.9	92.1	11.5	88.5	1.5	98.5	---	100.0	---	100.0
Montezuma	78.3	21.3	64.7	35.3	66.7	33.3	19.0	81.0	13.8	86.2
Montrose	97.6	2.4	98.9	1.1	98.8	1.2	93.4	6.6	79.5	20.5
Morgan	55.9	44.1	35.8	64.2	95.2	4.8	9.6	90.4	9.7	90.3
Otero	97.5	2.5	100.0	---	66.7	33.3	90.4	9.6	94.2	5.8
Ouray	88.9	11.1	24.7	75.3	76.9	23.1	---	---	---	---
Park	---	100.0	---	100.0	---	100.0	---	---	---	---
Phillips	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Pitkin	100.0	---	100.0	---	100.0	---	100.0	---	---	---
Prowers	69.1	30.9	48.8	51.2	33.3	66.7	48.9	51.1	15.0	85.0
Pueblo	48.7	51.3	79.0	21.0	50.0	50.0	36.0	64.0	14.3	85.7
Rio Blanco	41.6	58.4	20.8	79.2	20.0	80.0	---	---	---	100.0
Rio Grande	100.0	---	100.0	---	100.0	---	---	---	---	---
Routt	5.0	95.0	1.1	98.9	8.6	91.4	100.0	---	---	---
Saguache	100.0	---	99.7	0.3	100.0	---	---	---	---	---
San Juan	---	---	---	---	---	---	---	---	---	---
San Miguel	35.4	64.6	30.0	70.0	42.1	57.9	16.0	84.0	8.3	91.7
Sedgwick	22.0	78.0	16.2	83.8	55.7	44.3	5.2	94.8	17.4	82.6
Summit	100.0	---	100.0	---	100.0	---	---	---	---	---
Teller	---	100.0	---	100.0	---	100.0	---	---	---	---
Washington	1.6	98.4	1.2	98.8	3.5	96.5	0.5	99.5	0.3	99.7
Weld	58.4	41.6	45.1	54.9	96.2	3.8	20.1	79.9	27.9	72.1
Yuma	---	100.0	0.1	99.9	6.8	93.2	---	100.0	0.3	99.7
State	45.0	55.0	25.5	74.5	84.0	16.0	9.8	90.2	13.3	86.7

**AVERAGE YIELD, IN BUSHELS, OF PRINCIPAL CROPS PER ACRE FOR FIVE YEARS
ENDING WITH 1929**

COUNTY	WINTER WHEAT		SPRING WHEAT		CORN		BARLEY		POTATOES	
	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated
Adams-----	28.52	10.95	27.11	8.83	31.75	10.37	39.32	15.51	106.41	33.88
Alamosa-----	30.00	-----	24.15	-----	-----	-----	31.17	-----	166.05	-----
Arapahoe-----	29.26	12.19	26.11	9.77	31.52	11.47	38.99	15.13	95.54	36.67
Archuleta-----	30.64	14.27	27.27	11.30	30.50	13.28	35.70	17.17	109.09	49.52
Baca-----	22.62	9.82	14.82	5.41	35.41	11.22	29.89	11.49	-----	-----
Bent-----	32.11	-----	28.06	6.19	37.05	10.23	39.67	11.99	91.25	41.74
Boulder-----	31.63	14.45	28.69	11.48	29.59	13.58	40.14	18.95	109.13	21.11
Chaffee-----	29.49	-----	25.68	-----	22.00	12.00	37.58	-----	114.83	25.00
Cheyenne-----	-----	4.99	26.00	6.15	-----	10.08	-----	9.49	-----	29.44
Clear Creek-----	-----	-----	-----	10.00	-----	-----	34.00	19.00	110.00	40.94
Conejos-----	-----	-----	23.28	-----	24.93	-----	35.26	-----	153.43	-----
Costilla-----	31.44	-----	22.20	10.84	23.50	8.00	34.82	8.00	129.74	40.00
Crowley-----	30.88	-----	24.57	-----	35.01	10.43	38.85	15.04	77.50	36.25
Custer-----	28.78	15.01	24.34	11.34	27.94	10.21	32.89	13.75	135.84	61.95
Delta-----	31.35	15.05	30.10	10.00	35.48	18.38	43.95	17.21	126.87	60.53
Denver-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dolores-----	-----	13.48	-----	10.91	-----	13.16	-----	15.59	-----	44.05
Douglas-----	24.87	13.69	24.15	11.10	29.26	12.49	33.11	18.35	-----	45.45
Eagle-----	35.57	14.96	32.98	13.53	26.00	-----	46.73	19.41	197.00	33.05
Elbert-----	25.79	13.35	23.18	9.66	26.00	12.40	35.26	15.20	90.00	41.82
El Paso-----	29.41	13.30	25.48	9.23	28.41	11.54	32.58	13.24	93.10	52.65
Fremont-----	29.62	9.82	26.91	9.64	36.23	11.18	41.09	13.87	114.08	47.83
Garfield-----	31.68	16.49	30.16	14.77	31.70	14.93	41.60	17.07	182.75	48.01
Gilpin-----	-----	-----	-----	11.07	-----	-----	-----	18.43	-----	35.05
Grand-----	29.73	15.87	29.01	12.17	-----	12.00	44.63	20.48	140.24	40.50
Gunnison-----	29.00	14.57	27.26	14.59	30.00	13.00	34.87	15.52	137.34	45.40
Hinsdale-----	-----	-----	26.00	7.00	-----	-----	35.20	16.17	124.06	30.00
Huerfano-----	28.61	12.21	21.72	7.35	28.22	8.82	37.40	15.97	136.15	57.72
Jackson-----	38.29	-----	26.33	-----	21.00	-----	33.50	21.66	117.02	48.00
Jefferson-----	31.38	14.54	30.26	11.67	29.64	11.74	40.47	15.50	117.26	48.42
Kiowa-----	30.00	4.37	27.00	4.96	27.00	9.81	-----	7.76	100.00	28.65
Kit Carson-----	-----	7.80	26.00	6.45	27.77	9.93	35.64	11.27	90.00	40.53
Lake-----	-----	-----	-----	-----	-----	-----	30.00	-----	-----	-----
La Plata-----	32.68	15.82	27.14	11.21	31.88	15.87	36.24	17.48	121.85	47.91
Larimer-----	34.60	16.31	30.16	13.85	30.75	13.37	44.77	19.49	138.55	38.97
Las Animas-----	30.27	5.39	24.29	4.07	33.20	9.17	38.14	11.09	126.67	38.99
Lincoln-----	30.10	9.85	24.98	7.25	30.74	10.80	-----	11.61	85.00	44.31
Logan-----	28.92	11.84	27.87	8.82	32.61	12.85	41.05	15.99	134.57	41.97
Mesa-----	31.32	13.35	29.37	11.17	35.80	11.98	39.75	14.16	109.37	33.98
Mineral-----	-----	-----	-----	-----	-----	-----	35.78	-----	107.03	-----
Moffat-----	31.38	17.76	27.94	14.65	24.82	13.88	43.70	24.24	139.72	54.06
Montezuma-----	27.26	13.79	25.57	10.77	30.68	14.76	34.20	15.70	117.13	46.65
Montrose-----	31.72	14.96	30.74	10.84	35.67	16.85	41.83	16.27	147.58	37.85
Morgan-----	29.98	10.34	29.22	9.14	35.48	11.50	44.54	14.98	160.66	38.01
Otero-----	32.01	9.69	29.40	6.48	36.51	9.15	39.45	11.41	84.63	49.03
Ouray-----	32.40	14.93	29.36	11.87	26.00	12.00	40.12	15.04	151.04	42.84
Park-----	-----	10.52	24.00	9.49	-----	-----	-----	16.99	112.14	48.82
Phillips-----	-----	12.11	26.00	9.06	-----	13.42	-----	17.55	140.00	44.51
Pitkin-----	23.00	-----	33.82	13.50	40.00	-----	43.39	18.00	195.78	36.15
Prowers-----	30.80	6.93	26.51	5.04	35.49	9.79	42.33	11.91	83.64	44.40
Pueblo-----	30.60	10.97	28.29	6.99	34.47	10.07	40.79	12.24	91.67	62.22
Rio Blanco-----	33.51	18.97	30.40	15.54	26.65	13.65	43.05	24.53	147.89	46.52
Rio Grande-----	30.00	-----	25.89	-----	-----	-----	34.12	-----	187.70	-----
Routt-----	31.43	20.40	31.69	18.19	31.50	14.51	43.29	26.49	170.67	73.71
Saguache-----	31.59	-----	23.03	-----	-----	-----	34.30	19.00	178.48	-----
San Juan-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	29.32	15.71	26.67	10.20	30.84	15.10	40.33	17.71	130.48	48.59
Sedgwick-----	31.88	12.51	27.13	8.25	32.92	13.57	42.22	18.48	138.80	38.85
Summit-----	26.37	10.18	27.00	-----	-----	-----	32.12	18.36	92.46	62.00
Teller-----	28.00	17.71	29.00	11.14	23.00	6.11	-----	16.67	-----	53.88
Washington-----	29.69	6.53	25.77	6.01	32.71	10.54	39.34	11.64	114.67	36.11
Weld-----	30.87	12.42	28.71	10.56	32.90	13.05	44.54	18.76	139.76	35.59
Yuma-----	-----	9.36	27.31	6.71	29.06	12.12	38.51	14.00	120.69	43.16
State-----	30.94	10.20	28.08	9.25	34.01	11.44	40.90	14.18	158.58	48.85

MISCELLANEOUS FARM DATA, 1929

COUNTY	Brood Sows on Farms	Hogs Slaugh- tered on Farms	Heifers Broken for Milk Cows	FARM UTILITIES				
				Com- bined Harvest- ers	Trucks ¹	Trac- tors ¹	SILOS	
							Number Silos	Total Capacity in Tons
Adams.....	386	353	342	50	261	203	110	11,960
Alamosa.....	---	---	---	---	54	32	---	---
Arapahoe.....	232	340	235	60	81	133	60	5,320
Archuleta.....	207	196	123	---	---	---	---	---
Baca.....	1,226	1,340	554	12	110	200	---	---
Bent.....	758	714	183	---	23	29	41	4,820
Boulder.....	55	263	394	---	38	41	261	25,190
Chaffee.....	534	646	20	2	13	5	---	---
Cheyenne.....	954	587	541	1	5	2	---	---
Clear Creek.....	---	5	17	---	---	---	1	20
Conejos.....	---	---	---	---	---	---	---	---
Costilla.....	---	---	---	---	---	---	5	470
Crowley.....	609	537	103	1	44	69	48	7,680
Custer.....	151	488	114	---	67	21	---	---
Delta.....	660	1,489	462	---	72	30	22	1,970
Denver.....	---	---	---	---	---	---	---	---
Dolores.....	52	185	1	1	26	24	---	---
Douglas.....	235	262	575	---	75	113	190	20,010
Eagle.....	186	367	64	---	49	23	---	---
Elbert.....	1,778	1,733	1,148	23	110	304	210	18,970
El Paso.....	---	540	---	---	27	62	---	---
Fremont.....	39	120	13	---	10	1	6	760
Garfield.....	908	1,587	239	5	44	15	5	360
Gilpin.....	6	3	13	---	8	2	---	---
Grand.....	64	109	125	---	19	9	---	---
Gunnison.....	61	395	143	---	62	13	---	---
Hinsdale.....	1	29	12	1	1	---	---	---
Huerfano.....	96	350	218	8	83	31	4	225
Jackson.....	24	113	62	---	2	---	---	---
Jefferson.....	151	78	1,166	1	21	56	75	9,085
Kiowa.....	702	372	73	5	44	34	3	90
Kit Carson.....	3,540	2,099	987	41	193	269	18	565
Lake.....	---	---	---	---	1	---	---	---
La Plata.....	514	5	96	2	20	30	3	290
Larimer.....	304	286	262	17	150	242	165	16,295
Las Animas.....	146	531	176	22	43	28	2	148
Lincoln.....	1,565	1,132	665	75	169	273	15	650
Logan.....	4,612	2,545	961	185	420	505	25	2,145
Mesa.....	500	2,030	285	6	36	29	12	1,060
Mineral.....	---	---	18	---	8	1	---	---
Moffat.....	282	842	133	1	26	29	7	230
Montezuma.....	499	823	287	---	---	13	2	220
Montrose.....	628	1,170	296	---	37	8	12	1,890
Morgan.....	1,823	1,217	534	24	200	182	15	1,850
Otero.....	897	682	201	---	20	39	77	10,250
Ouray.....	43	50	63	---	---	---	---	---
Park.....	---	---	---	---	---	---	---	---
Phillips.....	2,573	844	268	134	156	238	5	350
Pitkin.....	168	373	42	---	---	---	---	---
Prowers.....	1,570	1,094	584	8	93	76	55	6,430
Pueblo.....	386	976	287	10	254	184	114	9,860
Rio Blanco.....	132	544	86	---	2	3	---	---
Rio Grande.....	---	---	---	---	---	---	---	---
Routt.....	402	1,863	326	---	1	4	---	---
Saguache.....	904	300	---	---	125	53	---	---
San Juan.....	---	---	---	---	---	---	---	---
San Miguel.....	140	463	130	---	39	18	2	160
Sedgwick.....	1,035	496	25	143	165	216	---	---
Summit.....	17	48	46	---	---	---	---	---
Teller.....	---	---	---	---	24	5	---	---
Washington.....	3,706	2,066	795	123	---	---	---	---
Weld.....	2,498	2,373	1,533	40	890	710	465	62,080
Yuma.....	3,703	1,715	800	80	242	230	3	230
State.....	42,662	40,273	16,776	1,081	4,663	4,842	2,028	221,133

¹Farm trucks and tractors only.

DISTRIBUTION OF AGRICULTURAL LAND
(From County Assessors Reports, 1929)

COUNTY	Area Acres	Agri- cultural Land	Per Cent of Total Area	Irrigated Land*	Per Cent Agri- cultural Land	Grazing Land#	Per Cent Agri- cultural Land	Dry Farming Land	Per Cent Agri- cultural Land
Adams	807,680	750,104	92.87	101,282	13.49	205,349	27.38	443,523	59.13
Alamosa	465,280	322,280	69.27	64,800	20.11	141,380	44.05	115,500	35.84
Arapahoe	538,880	491,810	91.27	27,750	5.64	83,730	17.02	380,330	77.34
Archuleta	780,800	311,076	39.84	11,113	3.58	289,481	93.05	10,482	3.37
Baca	1,632,280	1,532,020	93.80	2,950	0.19	561,025	36.62	968,045	63.19
Bent	975,360	772,596	79.21	47,550	6.15	664,466	86.01	60,580	7.84
Boulder	488,960	264,239	54.04	31,987	31.03	159,133	60.22	23,119	8.75
Chaffee	693,120	98,053	14.15	24,543	25.03	73,510	74.97	845,120	78.57
Cheyenne	1,137,280	1,075,601	94.57	---	---	230,481	21.43	---	---
Clear Creek	249,600	33,046	13.24	459	1.39	32,587	98.61	---	---
Conejos	801,280	256,646	32.03	95,760	37.31	160,886	62.69	---	---
Costilla	753,400	374,180	49.34	84,180	22.50	280,000	74.83	10,000	2.57
Crowley	577,120	423,311	82.25	40,390	9.50	373,222	87.76	11,899	2.76
Custer	478,080	254,901	53.33	17,563	6.89	230,827	90.48	6,711	2.53
Delta	763,640	258,689	33.66	62,867	24.30	171,714	66.38	24,108	9.32
Denver	37,120	5,706	15.37	5,706	100.00	---	---	---	---
Dolores	667,520	190,558	28.55	836	0.44	171,856	90.18	17,866	9.88
Douglas	540,800	379,358	70.15	12,065	3.18	278,263	73.35	89,030	23.47
Eagle	1,036,800	155,145	14.96	25,379	16.36	128,823	83.10	844	0.54
Elbert	1,188,480	1,077,864	90.69	11,501	1.07	713,991	66.24	352,362	32.69
El Paso	1,357,440	990,870	73.00	23,807	2.40	750,053	75.70	217,010	21.30
Fremont	996,480	359,693	36.10	17,995	5.00	296,512	82.43	45,185	12.57
Garfield	1,938,480	328,812	16.54	54,690	16.63	244,664	74.41	29,458	8.96
Gilpin	84,480	23,073	27.33	---	---	28,073	100.00	---	---
Grand	1,194,240	262,169	21.95	32,854	12.53	229,315	87.47	---	---
Gunnison	2,034,560	309,367	15.21	36,845	11.91	272,237	88.00	285	0.09
Hinsdale	621,440	15,522	2.52	2,206	14.12	13,416	85.88	---	---
Huerfano	960,000	654,232	68.15	18,305	2.80	610,825	93.36	25,102	3.84
Jackson	1,044,480	300,497	28.77	69,536	23.14	230,361	76.86	---	---
Jefferson	517,120	346,325	66.97	63,562	18.35	253,947	73.33	28,816	8.32

Kiowa	1,150,720	1,030,751	89.57	---	---	284,362	27.58	746,389	72.42
Kit Carson	1,381,760	1,307,131	94.60	4,155	0.32	289,431	22.14	1,013,516	77.54
Lake	237,440	28,327	11.93	4,450	15.71	23,877	84.29	---	---
La Plata	1,184,640	436,714	36.87	53,908	12.34	363,563	83.25	19,243	4.41
Larimer	1,682,560	761,535	45.26	123,443	16.21	614,073	80.64	24,019	3.15
Las Animas	3,077,760	2,637,187	85.68	27,786	1.05	2,551,240	96.74	58,161	2.21
Lincoln	1,644,800	1,496,898	91.00	3,117	0.21	584,409	39.05	909,372	60.74
Logan	1,166,080	988,321	84.76	85,481	8.65	332,840	33.68	570,000	57.67
Mesa	2,024,320	474,647	23.45	100,849	21.25	373,798	78.75	---	---
Mineral	554,240	26,599	47.99	4,574	17.20	22,025	82.80	---	---
Moffat	2,981,120	960,114	32.21	16,300	1.70	904,702	94.23	39,112	4.07
Montezuma	1,312,640	239,569	22.06	37,647	13.00	211,528	77.00	40,394	13.99
Montrose	1,448,960	407,347	28.11	66,659	16.36	317,276	77.89	23,412	8.76
Morgan	823,040	742,845	90.26	83,285	11.21	415,110	55.88	244,450	32.91
Otero	805,760	623,031	77.32	80,842	12.97	530,380	85.23	11,209	1.80
Ouray	332,160	147,958	44.54	11,952	8.08	132,496	89.55	3,510	2.37
Park	1,434,880	459,728	32.04	23,446	5.10	430,800	93.71	5,482	1.19
Phillips	440,320	408,372	92.74	---	---	34,010	8.33	374,362	91.67
Pitkin	652,160	70,485	10.81	18,127	25.72	52,058	73.86	300	0.42
Prowers	1,043,200	964,067	92.41	96,284	9.99	231,873	24.05	635,900	65.96
Pueblo	1,557,120	1,165,970	74.88	45,355	3.89	1,638,725	89.09	81,890	7.02
Rio Blanco	2,062,720	345,955	16.77	24,368	7.05	302,513	87.44	19,074	5.51
Rio Grande	574,720	219,255	38.15	91,059	41.53	128,196	58.47	---	---
Routt	1,477,760	543,945	36.81	42,614	7.83	445,882	81.97	55,449	10.20
Saguache	2,005,120	539,530	26.91	86,640	16.06	452,890	83.94	---	---
San Juan	289,920	200	.07	---	---	200	100.00	---	---
San Miguel	824,320	229,683	27.86	7,544	3.29	215,103	93.65	7,036	3.06
Sedwick	339,840	304,112	89.49	25,309	8.32	91,003	29.93	187,800	61.75
Summit	415,360	37,740	9.09	6,760	17.91	30,980	82.09	---	---
Teller	350,080	149,911	42.82	2,099	1.40	124,794	83.25	23,018	15.35
Washington	1,613,440	1,457,261	92.17	7,786	0.53	311,591	20.95	1,167,884	78.52
Weld	2,574,080	2,270,582	88.20	364,994	16.07	1,167,763	51.43	737,825	32.50
Yuma	1,514,880	1,433,522	94.63	7,576	0.53	744,131	51.91	681,815	47.56
State	66,341,120	35,614,126	53.68	2,592,881	7.28	21,635,449	60.75	11,385,796	31.97

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

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

ASSESSED VALUE OF FARM PROPERTY IN COLORADO, 1928 AND 1929
(Compiled from Records of the State Tax Commission)

COUNTY	Farm Land 1929	Livestock 1929	Poultry and Bees 1929	Equities in State Lands 1929	Improve- ments on Patented Land 1929	Improve- ments on Public Land 1929	Agricultural Improvements 1929	Total 1929	Total 1928
Adams	\$ 15,289,070	\$ 754,880	\$ 51,370	\$ 64,650	\$ 2,540,380	\$ 111,230	\$ 342,950	\$ 19,154,530	\$ 19,269,210
Alamosa	4,283,748	432,375	319,635	43,374	319,635	25,730	67,230	5,180,037	5,291,801
Arapahoe	8,175,965	654,335	7,945	67,785	2,098,185	12,135	112,245	11,165,715	11,358,855
Archuleta	1,327,595	584,095	4,175	4,935	225,360	1,450	18,815	2,166,425	2,150,155
Baca	8,022,685	1,044,158	25,120	90,500	601,730	6,150	130,980	9,921,323	9,775,750
Bent	6,396,750	771,610	33,100	29,685	653,910	19,400	48,725	7,953,090	8,091,685
Boulder	10,880,210	728,030	37,530	8,860	2,221,300	4,090	172,110	14,062,130	13,961,370
Chaffee	1,411,485	292,580	2,955	---	528,510	28,895	72,785	2,337,210	2,355,080
Cheyenne	7,378,575	815,649	15,355	33,360	488,220	5,910	71,840	9,308,909	11,124,620
Clear Creek	395,530	23,850	595	9,140	123,375	2,120	2,640	557,250	587,425
Conejos	4,354,680	1,227,920	14,150	59,960	527,435	5,990	64,445	6,254,580	6,044,185
Costilla	2,701,045	275,525	3,170	---	243,260	10,140	37,595	3,270,735	3,324,245
Crowley	5,339,385	544,385	26,995	24,085	651,230	32,180	92,295	6,709,655	6,523,375
Custer	1,439,420	327,980	2,760	---	303,050	11,090	31,890	2,116,190	2,186,600
Delta	5,184,940	1,325,805	36,170	---	1,144,620	13,065	137,500	7,842,100	8,108,400
Denver	4,045,340	72,040	---	---	5,356,850	---	7,080	9,481,310	8,627,320
Dolores	676,820	223,310	1,750	---	104,235	14,740	8,940	1,029,795	1,066,275
Douglas	3,271,450	894,115	11,350	---	1,833,965	21,040	111,025	6,142,945	6,274,405
Eagle	2,151,336	954,399	4,015	1,232	366,240	17,215	62,475	3,556,912	3,376,622
Elbert	9,618,963	1,365,077	25,872	177,975	1,079,470	64,310	219,044	12,550,711	12,620,645
El Paso	8,718,520	1,396,850	32,090	73,990	2,285,400	48,770	83,260	12,638,880	12,277,720
Fremont	3,531,433	425,444	24,063	11,162	2,440,500	6,330	33,945	6,472,877	6,313,703
Garfield	5,185,805	1,815,345	27,275	---	831,400	126,660	386,605	8,373,090	8,097,255
Gilpin	89,625	35,195	---	2,785	27,365	---	1,780	156,750	148,073
Grand	1,879,365	595,770	1,180	19,445	979,795	67,890	85,110	2,970,555	3,059,675
Gunnison	2,435,210	1,455,485	3,365	4,430	688,750	29,840	81,995	4,699,075	4,467,375
Hinsdale	85,970	70,316	105	3,180	15,215	10,880	8,155	193,621	246,255
Huerfano	2,609,999	842,048	7,932	6,140	372,802	30,185	50,830	3,919,936	4,034,714
Jackson	1,555,750	1,312,540	950	9,130	258,960	14,810	---	3,152,140	2,981,380
Jefferson	10,886,610	760,770	56,895	26,230	5,898,950	6,360	161,705	17,597,070	15,984,025

Kiowa	8,238,510	606,515	14,105	76,490	282,400	1,650	26,790	9,246,460	9,620,425
Kit Carson	12,541,358	1,093,308	54,652	69,714	1,647,040	132,095	274,945	15,813,112	18,572,110
Lake	176,545	34,870	325	---	215,080	---	4,905	481,725	409,840
La Plata	3,974,935	884,850	25,740	---	862,380	72,730	6,420	5,885,258	5,974,215
Larimer	13,282,070	1,397,310	43,780	43,260	5,024,540	32,060	493,010	20,267,030	20,638,350
Las Animas	2,154,534	1,587,534	45,178	480	990,990	123,692	77,489	12,688,761	11,073,980
Lincoln	12,705,860	1,228,090	30,850	103,070	565,470	87,755	146,365	14,866,960	16,080,255
Logan	14,922,105	1,351,590	145,760	145,760	2,139,000	38,145	521,690	19,172,465	19,373,555
Mesa	9,390,730	2,118,425	65,995	---	1,351,650	53,630	204,340	13,634,670	13,644,430
Mineral	178,260	142,440	330	560	147,935	6,165	2,825	478,515	461,290
Moffat	3,876,180	1,219,185	36,060	36,060	597,965	35,700	94,595	5,366,755	5,332,660
Montezuma	2,662,455	831,350	7,070	48,420	477,540	43,050	51,345	4,135,700	4,242,540
Montrose	4,483,638	1,320,525	38,052	---	871,300	9,815	167,246	6,890,576	6,792,400
Morgan	10,863,300	1,062,400	42,760	84,300	1,614,380	50,790	356,620	14,064,550	14,099,080
Otero	9,309,264	944,140	56,135	21,000	3,386,990	303,000	237,385	14,258,414	12,728,970
Ouray	1,013,288	334,473	2,225	---	135,510	500	26,620	1,512,246	1,494,074
Park	2,154,350	893,565	3,070	21,490	617,490	17,640	61,370	3,768,975	3,640,680
Phillips	9,325,830	355,025	24,080	46,710	658,420	122,120	250,670	11,282,855	11,325,075
Pitkin	1,058,490	312,765	6,830	2,830	249,755	13,640	40,600	1,684,910	1,665,329
Prowers	10,376,560	1,039,749	48,819	47,520	1,520,265	31,360	203,033	13,267,306	12,851,516
Pueblo	9,903,075	1,133,900	37,815	254,705	12,467,990	66,010	129,600	23,993,095	23,723,515
Rio Blanco	2,610,800	1,566,655	3,205	---	491,695	11,250	47,965	4,731,570	4,924,915
Rio Grande	4,803,465	831,220	4,912	175,120	700,825	117,080	83,295	6,715,917	6,737,645
Routt	4,675,600	1,827,230	10,160	89,650	1,032,840	125,700	191,870	7,953,050	7,915,690
Saguache	4,126,793	1,635,374	5,477	55,999	499,845	35,075	54,482	6,413,045	6,487,285
San Juan	1,280	79,833	---	---	---	---	275	81,388	74,551
San Miguel	1,144,445	562,950	3,075	12,550	250,325	8,755	20,140	2,002,240	2,066,475
Sedgwick	6,126,805	428,890	17,435	85,145	732,655	9,700	207,680	7,607,810	8,308,485
Summit	352,775	146,165	405	1,760	55,660	500	6,800	564,065	562,431
Teller	531,570	187,220	855	---	121,440	15,010	16,905	873,000	864,210
Washington	11,036,811	1,191,126	48,530	46,905	797,422	5,050	175,860	13,301,754	15,272,871
Weld	43,018,820	3,036,610	107,760	156,930	5,967,810	72,150	962,260	53,322,040	53,347,420
Yuma	16,140,050	1,599,880	52,020	153,880	1,068,070	30,900	296,010	19,340,810	19,367,630
State	\$983,811,664	\$55,604,043	\$1,355,492	\$ 2,552,656	\$82,652,004	\$2,421,012	\$8,101,689	\$536,496,560	\$539,606,545

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
Alamogosa-----	5,414,522	726,035	252,080	995,775	7,388,412	(a)
Arapahoe-----	11,209,376	3,812,726	809,190	1,104,901	16,936,193	11,351,431
Archuleta-----	1,667,621	325,115	121,768	620,609	2,735,113	1,965,568
Baca-----	7,281,358	947,975	505,719	1,577,122	10,312,174	2,027,854
Bent-----	9,243,993	1,374,712	545,152	2,493,928	13,657,785	7,731,767
Boulder-----	14,589,625	4,028,005	907,505	1,540,040	21,065,175	16,478,541
Chaffee-----	1,939,545	576,200	185,552	393,272	3,094,569	1,987,810
Cheyenne-----	7,191,317	889,150	698,297	896,436	9,675,200	3,576,820
Clear Creek-----	185,400	67,000	8,150	12,498	273,048	216,013
Conejos-----	5,947,694	732,323	277,314	1,661,549	8,618,880	8,430,531
Costilla-----	3,901,484	445,470	210,960	604,623	5,162,537	3,714,504
Crowley-----	5,634,640	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	762,630	293,197	653,227	4,923,388	3,691,648
Elbert-----	13,421,607	2,287,918	805,820	1,651,064	18,166,409	9,624,465
El Paso-----	13,996,752	3,077,130	819,442	1,556,672	19,449,996	13,117,316
Fremont-----	4,618,950	1,728,600	353,310	798,420	7,499,280	7,130,241
Garfield-----	6,788,140	1,508,150	507,437	1,930,768	10,734,495	11,017,329
Gilpin-----	138,100	36,775	9,130	24,296	208,301	185,481
Grand-----	2,311,960	500,930	161,235	534,145	3,508,270	2,625,740
Gunnison-----	2,751,125	678,450	238,013	1,232,679	4,900,267	3,352,823
Hinsdale-----	254,270	52,650	22,985	101,794	431,699	126,608
Huerfano-----	3,792,890	707,657	260,404	1,114,948	5,875,899	3,640,602
Jackson-----	2,703,020	428,600	158,606	1,096,140	4,386,366	4,416,646
Jefferson-----	16,310,465	5,562,780	734,575	966,210	23,574,030	17,616,573
Kiowa-----	5,182,425	658,875	373,915	968,292	7,133,507	3,031,538
Kit Carson-----	12,036,558	1,705,760	954,449	1,533,726	16,230,493	7,951,330
Lake-----	119,050	37,250	14,295	32,559	203,154	466,646
La Plata-----	4,195,120	1,319,445	298,695	1,212,339	7,026,099	5,812,793
Larimer-----	25,803,740	4,556,703	1,582,892	6,239,118	38,182,453	25,980,176
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	3,387,348	1,450,900	2,426,350	27,511,816	10,866,393
Mesa-----	9,745,965	3,244,609	981,843	2,088,683	16,061,100	30,209,338
Mineral-----	228,990	60,225	25,010	104,656	418,881	537,691
Moffat-----	3,426,540	700,855	306,480	1,041,637	5,475,512	(a)
Montezuma-----	2,722,808	755,815	201,760	1,336,695	5,017,078	6,996,047
Montrose-----	6,295,044	2,079,059	655,901	1,494,115	10,524,119	13,858,109
Morgan-----	15,065,041	2,998,970	1,172,956	3,483,644	22,720,611	11,548,557
Otero-----	11,730,057	2,725,477	927,872	1,922,335	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	2,236,460	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-----	3,333,907	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	18,454,136
Saguache-----	6,571,414	887,420	358,658	1,774,186	9,591,678	9,299,491
San Juan-----	(b)					
San Miguel-----	2,006,015	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
Weir-----	59,480,778	10,497,342	3,760,667	11,096,378	84,835,165	56,863,139
Yuma-----	21,021,648	3,123,260	1,485,529	2,540,802	28,171,239	10,908,457
State-----	\$494,110,588	\$ 98,499,814	\$ 33,472,740	\$ 86,356,774	\$712,439,922	\$494,471,706

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

(b) County has no farms.

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

COUNTY	1929	1928	1927	1920	1915
Adams -----	750,104	750,430	750,389	737,123	629,707
Alamosa -----	322,280	321,286	324,136	307,800	334,500
Arapahoe -----	491,810	492,410	492,570	490,550	441,447
Archuleta -----	311,076	323,702	315,008	257,141	249,577
Baca -----	1,532,020	1,529,257	1,555,660	1,137,896	540,620
Bent -----	772,596	750,115	748,468	446,787	189,325
Boulder -----	264,239	258,880	256,395	251,790	232,766
Chaffee -----	98,053	94,626	95,191	83,363	80,687
Cheyenne -----	1,075,601	1,074,814	1,073,893	1,044,149	888,535
Clear Creek -----	33,046	41,433	39,580	33,857	30,828
Conejos -----	256,646	252,638	251,067	225,604	216,263
Costilla -----	374,180	376,180	371,180	219,200	769,456
Crowley -----	425,311	418,361	416,215	307,539	131,443
Custer -----	254,901	251,240	249,371	140,405	117,653
Delta -----	258,689	130,001	137,882	218,167	189,239
Denver -----	5,706	6,074	6,178	7,519	7,843
Dolores -----	190,558	188,894	179,697	37,035	10,257
Douglas -----	379,358	379,332	378,954	375,584	367,270
Eagle -----	155,146	138,772	132,806	98,394	85,392
Elbert -----	1,077,854	1,073,216	1,071,684	1,034,431	952,091
El Paso -----	990,870	991,474	988,354	951,958	799,156
Fremont -----	359,693	354,360	350,847	214,408	182,330
Garfield -----	328,812	323,568	321,505	259,122	204,520
Gilpin -----	28,073	26,883	26,146	18,091	15,936
Grand -----	262,169	253,131	247,424	172,269	128,246
Gunnison -----	309,367	293,927	283,324	151,927	122,701
Hinsdale -----	15,622	18,427	17,233	14,759	12,081
Huerfano -----	654,232	651,264	611,076	366,959	340,211
Jackson -----	300,497	291,040	279,308	214,044	193,940
Jefferson -----	346,325	341,323	336,407	322,343	296,175
Kiowa -----	1,030,751	1,036,847	1,026,421	960,670	680,986
Kit Carson -----	1,307,131	1,307,011	1,305,441	1,265,961	1,128,158
Lake -----	28,327	23,912	26,682	27,011	26,658
La Plata -----	436,714	423,906	421,286	328,843	265,834
Larimer -----	761,535	762,364	753,615	666,173	621,368
Las Animas -----	2,637,187	2,549,571	2,500,702	1,078,269	765,310
Lincoln -----	1,496,898	1,495,256	1,491,805	1,409,418	1,058,771
Logan -----	988,321	987,641	986,200	966,630	680,036
Mesa -----	474,647	457,564	452,276	338,234	287,055
Mineral -----	26,599	27,331	27,309	20,551	19,256
Moffat -----	960,114	940,924	900,971	229,710	129,754
Montezuma -----	289,569	302,906	299,560	209,902	160,104
Montrose -----	407,347	398,129	392,160	293,693	230,329
Morgan -----	742,845	742,305	741,725	634,280	367,245
Otero -----	623,031	606,039	612,768	323,442	240,275
Ouray -----	147,958	144,817	144,074	155,440	83,793
Park -----	459,728	445,722	427,839	192,192	196,132
Phillips -----	408,372	408,372	408,572	395,780	385,671
Pitkin -----	70,485	70,485	69,210	58,078	50,701
Prowers -----	964,067	958,253	965,345	811,164	448,925
Pueblo -----	1,165,970	1,164,642	1,158,068	867,047	688,441
Rio Blanco -----	345,955	341,487	326,338	194,466	139,814
Rio Grande -----	219,255	215,973	211,753	185,285	170,680
Routt -----	543,945	518,558	510,291	345,619	261,047
Saguache -----	539,530	542,679	521,713	453,873	407,323
San Juan -----	200	200	200	200	200
San Miguel -----	229,683	223,005	218,301	125,269	87,098
Sedgwick -----	304,112	303,383	302,370	297,652	280,973
Summit -----	37,740	37,706	38,022	28,945	22,610
Teller -----	149,911	149,569	145,631	112,470	99,807
Washington -----	1,487,261	1,485,598	1,493,805	1,393,009	914,615
Weld -----	2,270,582	2,262,005	2,261,971	2,171,570	1,681,321
Yuma -----	1,433,522	1,425,885	1,422,031	1,296,745	993,616
State -----	35,614,126	35,163,103	34,872,453	27,977,855	22,284,101

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

**ASSESSED VALUE OF ALL FARM LAND IN COLORADO AS RETURNED BY COUNTY
ASSESSORS FOR 1915, 1920, 1927, 1928, 1929**

COUNTY	1929	1928	1927	1920	1915
Adams-----	\$ 15,289,070	\$ 15,506,890	\$ 15,624,040	\$ 17,346,280	\$ 11,731,350
Alamosa-----	4,283,748	4,348,313	4,307,798	4,509,139	2,275,990
Arapahoe-----	8,176,965	8,173,965	8,212,300	9,915,770	6,473,900
Archuleta-----	1,327,595	1,328,360	1,347,535	1,382,773	907,132
Baca-----	8,022,685	8,020,995	7,993,220	6,233,251	1,689,437
Bent-----	6,396,760	6,542,415	6,550,295	7,206,575	3,942,210
Boulder-----	10,880,210	11,009,720	11,074,700	11,971,220	8,726,800
Chaffee-----	1,411,485	1,422,635	1,462,635	1,428,500	1,275,335
Cheyenne-----	7,878,575	9,664,170	9,663,470	13,228,595	4,442,677
Clear Creek-----	395,530	423,950	411,515	309,815	107,510
Conejos-----	4,354,680	4,351,970	4,348,325	4,532,364	4,240,655
Costilla-----	2,701,045	2,739,160	2,720,720	2,966,242	3,150,750
Crowley-----	5,339,385	5,310,870	5,309,625	6,108,970	4,669,539
Custer-----	1,439,420	1,518,265	1,535,495	1,223,170	1,088,206
Delta-----	5,184,940	5,141,150	5,255,325	8,152,925	6,721,485
Denver-----	4,045,340	3,915,860	3,427,990	3,617,390	3,858,530
Dolores-----	676,820	661,575	631,680	277,415	71,848
Douglas-----	3,271,450	3,513,300	3,511,000	4,179,510	2,628,305
Eagle-----	2,151,336	2,114,878	2,058,160	1,873,775	1,602,427
Elbert-----	9,618,963	9,615,259	9,727,810	11,706,966	5,551,416
El Paso-----	8,718,520	8,765,190	8,745,160	11,096,370	6,124,770
Fremont-----	3,531,433	3,476,156	3,468,110	3,254,630	3,215,976
Garfield-----	5,185,805	5,192,570	5,193,570	5,232,570	4,883,820
Gilpin-----	89,625	89,963	74,755	54,273	47,808
Grand-----	1,879,365	1,944,500	1,914,180	1,599,980	1,102,450
Gunnison-----	2,435,210	2,391,175	2,370,150	2,160,525	2,014,878
Hinsdale-----	85,970	96,360	91,900	79,425	38,083
Huerfano-----	2,609,999	2,755,761	2,748,442	2,231,420	1,699,296
Jackson-----	1,555,570	1,553,270	1,954,970	2,727,695	1,468,864
Jefferson-----	10,686,670	10,011,385	9,871,570	10,013,595	8,069,735
Kiowa-----	8,238,510	8,705,050	8,715,140	10,179,094	3,413,286
Kit Carson-----	12,541,358	15,236,010	17,454,545	20,453,265	5,679,205
Lake-----	176,545	175,815	174,963	193,530	172,825
La Plata-----	3,974,335	4,025,950	4,043,555	3,927,655	3,298,920
Larimer-----	13,282,070	14,461,700	14,573,250	16,959,870	11,923,983
Las Animas-----	9,182,098	9,151,761	11,075,421	6,835,416	5,017,713
Lincoln-----	12,705,860	12,956,825	13,471,515	16,343,285	5,315,710
Logan-----	14,922,105	15,122,970	15,349,845	22,884,010	7,885,974
Mesa-----	9,390,730	9,298,370	9,404,610	9,979,585	10,159,695
Mineral-----	173,260	183,110	182,630	162,875	138,635
Moffat-----	3,376,180	3,390,925	3,450,366	2,424,190	1,198,940
Montezuma-----	2,662,455	2,724,670	2,811,155	2,310,452	1,951,590
Montrose-----	4,483,638	4,464,595	4,956,495	7,298,220	5,872,205
Morgan-----	10,863,300	10,883,840	11,045,650	12,371,500	5,313,540
Otero-----	9,309,264	9,293,280	10,280,385	11,136,010	8,733,185
Ouray-----	1,013,888	1,011,270	1,011,065	1,320,604	724,900
Park-----	2,154,350	2,139,620	2,119,640	1,570,285	1,381,540
Phillips-----	9,825,830	9,833,285	10,038,720	11,735,765	3,776,655
Pitkin-----	1,058,490	1,044,442	1,092,421	1,038,980	934,290
Prowers-----	10,376,560	10,422,375	10,692,075	11,796,415	7,483,880
Pueblo-----	9,903,075	9,895,960	9,916,225	9,169,292	7,739,328
Rio Blanco-----	2,610,800	2,841,135	3,160,920	2,707,495	2,107,221
Rio Grande-----	4,803,465	4,797,747	4,778,882	5,344,250	3,577,850
Routt-----	4,675,600	4,571,080	5,081,020	4,682,835	3,009,790
Saguache-----	4,126,793	4,189,344	4,121,077	4,726,651	4,473,019
San Juan-----	1,280	1,280	1,280	1,280	1,280
San Miguel-----	1,144,445	1,137,160	1,161,125	1,094,880	735,710
Sedgwick-----	6,126,305	6,106,825	6,084,920	7,047,526	3,009,920
Summit-----	352,775	361,023	372,470	303,300	188,232
Teller-----	531,570	535,670	582,070	420,900	275,100
Washington-----	11,036,811	12,918,793	15,094,953	24,176,680	6,306,191
Weld-----	43,018,520	43,184,680	46,482,790	56,135,660	32,081,740
Yuma-----	16,140,050	16,289,490	16,409,730	17,065,095	4,990,032
State-----	\$383,811,664	\$392,956,080	\$406,857,353	\$460,417,978	\$262,693,260

ACREAGE OF IRRIGATED LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1925, 1927, 1928, 1929

COUNTY	1929	1928	1927	1925	1920	1914
Adams	33,389	94,000	94,076	87,343	102,073	100,381
Alamosa	27,500	27,500	27,500	26,800	26,000	65,900
Arapahoe	27,750	28,120	28,280	29,876	33,180	38,625
Archuleta	10,598	10,321	10,352	10,712	11,826	8,918
Baca	2,950	3,295	3,338	3,540	9,000	-----
Bent	47,550	45,649	45,363	47,909	46,732	46,234
Boulder	79,059	81,822	82,750	83,563	86,407	98,323
Chaffee	24,543	23,389	23,961	22,526	20,045	19,037
Cheyenne	-----	-----	-----	-----	-----	-----
Clear Creek	-----	-----	-----	-----	-----	-----
Conejos	85,840	85,840	85,840	86,950	87,300	97,656
Costilla	78,580	80,580	80,580	80,825	83,000	92,239
Crowley	40,198	39,667	39,997	40,330	54,050	45,336
Custer	5,916	6,250	6,253	10,208	11,965	7,083
Delta	55,159	56,370	61,973	55,208	64,849	56,123
Denver	5,706	6,074	6,178	6,606	7,519	7,724
Dolores	836	836	842	832	2,065	1,358
Douglas	6,335	6,199	6,387	6,856	7,715	7,075
Eagle	25,379	25,721	25,222	23,557	22,259	19,778
Elbert	-----	-----	-----	-----	330	220
El Paso	20,400	20,400	20,400	20,400	20,500	19,120
Fremont	14,869	13,301	13,476	21,659	20,633	15,337
Garfield	53,925	53,641	54,466	51,588	59,278	53,278
Gilpin	-----	-----	-----	-----	-----	-----
Grand	32,854	33,853	31,030	29,592	31,097	25,111
Gunnison	36,845	37,710	38,596	39,405	35,955	32,497
Hinsdale	2,206	2,352	2,180	2,233	1,445	1,445
Huerfano	16,106	15,591	17,978	5,223	21,802	19,037
Jackson	-----	-----	-----	71,635	67,685	59,710
Jefferson	51,759	69,486	67,059	48,263	49,397	40,200
Kiowa	-----	-----	-----	-----	-----	-----
Kit Carson	583	732	801	145	180	750
Lake	-----	-----	-----	-----	-----	-----
La Plata	53,080	53,341	54,228	56,788	57,881	44,995
Larimer	105,679	110,226	110,279	111,589	106,921	111,278
Las Animas	20,893	25,542	25,134	28,830	22,931	23,876
Lincoln	-----	-----	-----	-----	-----	-----
Logan	70,481	70,481	70,040	67,000	59,472	63,344
Mesa	31,049	88,952	91,733	97,692	89,452	82,589
Mineral	1,847	2,028	1,878	993	370	1,309
Moffat	13,261	13,341	15,284	18,187	16,247	15,168
Montezuma	36,925	35,388	36,563	37,579	37,077	38,660
Montrose	65,459	65,628	67,715	69,748	79,240	73,129
Morgan	81,085	79,712	79,712	78,692	76,269	74,580
Otero	78,307	80,493	78,543	76,492	79,015	70,201
Ouray	9,824	9,824	9,924	10,060	11,655	10,143
Park	-----	-----	-----	-----	-----	-----
Phillips	-----	-----	-----	-----	-----	-----
Pitkin	18,127	18,127	16,585	16,163	15,407	14,081
Prowers	90,282	95,891	95,892	95,744	89,851	96,585
Pueblo	40,225	45,580	45,750	40,376	40,788	47,641
Rio Blanco	22,321	22,269	22,691	23,552	22,990	19,973
Rio Grande	63,641	72,696	74,750	72,403	42,721	80,861
Routt	42,614	41,563	43,510	42,494	47,864	36,159
Saguache	37,640	37,640	37,640	37,640	37,480	26,496
San Juan	-----	-----	-----	-----	-----	-----
San Miguel	7,544	7,347	8,212	8,857	9,390	6,631
Sedgwick	19,872	19,937	19,789	19,816	20,054	20,396
Summit	6,760	6,708	7,173	7,011	6,225	4,970
Teller	-----	-----	-----	-----	-----	-----
Washington	7,786	7,685	7,952	6,585	6,682	7,050
Weld	357,505	355,899	349,802	339,139	343,808	283,058
Yuma	3,624	4,625	3,387	5,600	3,550	4,332
State	2,192,666	2,239,622	2,249,176	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, 1927, 1928, 1929**

COUNTY	1929	1928	1927	1925	1920	1914
Adams-----	443,523	496,800	496,889	502,099	442,385	135,930
Alamosa-----	115,500	115,500	115,500	112,150	102,000	-----
Arapahoe-----	380,330	380,600	380,600	379,940	375,440	42,760
Archuleta-----	10,482	10,570	11,021	10,760	10,876	3,938
Baca-----	968,045	967,642	996,712	955,977	1,080,212	-----
Bent-----	60,580	6,098	5,758	4,730	6,435	-----
Boulder-----	23,119	22,662	23,145	23,496	22,838	-----
Chaffee-----	-----	-----	-----	-----	-----	-----
Cheyenne-----	845,120	844,824	844,026	851,476	1,044,149	-----
Clear Creek-----	-----	-----	-----	-----	-----	-----
Conejos-----	-----	-----	-----	-----	-----	-----
Costilla-----	10,000	10,000	10,000	10,000	1,000	-----
Crowley-----	11,699	13,713	13,271	12,584	2,351	1,751
Custer-----	6,711	5,313	4,938	2,386	12,101	-----
Delta-----	24,108	23,939	22,378	25,116	38,075	-----
Denver-----	-----	-----	-----	-----	-----	-----
Dolores-----	17,866	17,301	16,405	65,219	14,292	-----
Douglas-----	89,030	88,059	87,792	84,078	89,217	23,666
Eagle-----	844	-----	-----	-----	-----	-----
Elbert-----	352,362	353,133	370,673	366,242	407,190	65,512
El Paso-----	217,010	218,704	218,750	218,560	213,520	193,150
Fremont-----	45,185	45,135	52,854	68,583	21,366	17,510
Garfield-----	29,458	29,228	30,285	32,006	32,961	39,602
Gilpin-----	-----	-----	-----	-----	-----	-----
Grand-----	-----	-----	-----	-----	-----	-----
Gunnison-----	285	-----	-----	-----	-----	-----
Hinsdale-----	-----	331	321	316	-----	-----
Huerfano-----	25,102	23,746	26,776	27,093	5,012	-----
Jackson-----	-----	-----	-----	-----	-----	-----
Jefferson-----	28,816	19,060	23,335	25,624	29,029	30,970
Kiowa-----	746,389	750,610	743,649	789,526	-----	-----
Kit Carson-----	1,013,515	1,025,606	1,029,548	1,040,810	1,033,286	59,947
Lake-----	-----	-----	-----	-----	-----	-----
La Plata-----	19,243	18,636	21,367	17,593	15,289	6,045
Larimer-----	24,019	23,866	22,900	22,910	22,520	20,004
Las Animas-----	58,161	52,237	67,411	86,656	27,293	12,507
Lincoln-----	909,372	908,281	911,486	859,969	914,318	-----
Logan-----	570,000	571,080	571,080	580,000	584,019	252,429
Mesa-----	-----	-----	-----	-----	-----	-----
Mineral-----	-----	-----	-----	-----	-----	-----
Moffat-----	39,112	40,947	110,352	130,879	79,808	4,936
Montezuma-----	40,394	39,638	38,913	38,781	28,468	30,413
Montrose-----	23,412	20,868	23,628	29,528	37,621	25,261
Morgan-----	244,450	248,293	249,247	254,545	236,392	41,578
Otero-----	11,209	14,242	18,137	24,197	20,316	19,550
Ouray-----	3,510	3,460	3,410	3,387	2,986	1,778
Park-----	5,482	5,630	5,769	6,508	6,021	3,483
Phillips-----	374,362	374,398	374,398	371,670	366,420	426,161
Pitkin-----	300	300	-----	300	480	480
Prowers-----	635,900	593,578	595,654	597,977	5,090	-----
Pueblo-----	81,890	81,960	81,240	80,260	72,942	62,485
Rio Blanco-----	19,074	23,019	19,812	18,240	18,684	5,076
Rio Grande-----	-----	-----	-----	-----	28,400	-----
Routt-----	55,449	54,820	55,908	60,241	42,015	22,376
Saguache-----	-----	-----	-----	-----	-----	-----
San Juan-----	-----	-----	-----	-----	-----	-----
San Miguel-----	7,036	8,113	7,613	8,469	7,452	4,500
Sedgwick-----	187,800	185,576	186,519	187,150	179,121	177,345
Summit-----	-----	-----	-----	-----	-----	-----
Teller-----	23,018	24,301	23,915	23,226	18,281	6,749
Washington-----	1,167,884	1,211,740	1,211,967	1,158,074	1,215,046	859,538
Weld-----	737,825	729,521	744,082	719,947	806,842	62,564
Yuma-----	681,815	688,868	689,663	751,188	620,238	617,925
State-----	11,385,796	11,392,036	11,559,097	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, 1928, 1929

COUNTY	IMPROVED FRUIT LAND				NATURAL HAY LAND			
	1929	1928	1920	1914	1929	1928	1920	1914
Adams	---	---	---	---	7,843	9,460	---	---
Alamosa	---	---	---	---	37,300	37,300	37,000	12,368
Arapahoe	---	---	---	---	---	---	---	---
Archuleta	---	---	---	---	516	465	---	---
Baca	---	---	---	---	---	---	---	---
Bent	---	---	---	---	---	---	---	---
Boulder	---	---	---	---	---	---	2,904	---
Chaffee	---	---	---	150	---	---	---	---
Cheyenne	---	---	---	---	---	---	---	---
Clear Creek	---	---	---	---	---	---	---	---
Conejos	---	---	---	---	9,920	9,920	9,400	10,000
Costilla	---	---	---	---	5,600	5,600	5,200	5,300
Crowley	192	223	535	540	---	---	---	---
Custer	---	---	---	---	11,647	12,427	---	9,306
Delta	7,708	8,589	10,303	4,630	---	---	---	---
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	---	---	---	---	142
Douglas	---	---	---	---	5,730	5,816	5,453	3,388
Eagle	---	---	---	---	---	---	---	---
Elbert	---	---	---	---	11,501	11,466	11,587	6,454
El Paso	170	174	320	380	1,910	1,910	1,910	1,240
Fremont	1,927	1,980	2,371	2,803	1,200	1,200	1,200	1,910
Garfield	765	781	898	1,509	---	---	---	---
Gilpin	---	---	---	---	---	---	---	---
Grand	---	---	---	---	---	---	---	---
Gunnison	---	---	---	---	---	---	---	---
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	40	59	20	---	2,159	2,139	---	---
Jackson	---	---	---	---	69,536	70,380	---	---
Jefferson	---	---	---	---	---	---	---	---
Kiowa	---	---	---	---	---	---	---	---
Kit Carson	---	---	---	---	3,602	3,677	3,666	600
Lake	---	---	---	---	4,450	---	---	---
La Plata	150	889	88	83	---	---	---	---
Larimer	486	486	---	2,011	15,400	15,400	15,400	15,025
Las Animas	---	---	---	---	5,943	2,795	4,016	3,436
Lincoln	---	---	---	---	3,117	3,145	3,310	---
Logan	---	---	---	---	15,000	15,000	13,424	---
Mesa	6,939	4,967	8,070	7,024	---	1,856	---	---
Mineral	---	---	---	---	2,727	2,747	2,885	1,400
Moffat	---	---	---	---	3,039	3,559	---	---
Montezuma	722	812	806	1,017	---	---	---	---
Montrose	1,200	1,083	1,743	1,450	---	---	---	---
Morgan	---	---	---	---	2,200	2,220	2,700	4,064
Otero	472	472	1,051	1,553	---	---	---	---
Ouray	---	---	---	---	2,128	2,128	1,424	---
Park	---	---	---	---	23,446	23,420	22,662	21,311
Phillips	---	---	---	---	---	---	---	---
Pitkin	---	---	---	45	---	---	---	---
Prowers	---	---	---	---	5,571	2,104	3,647	5,973
Pueblo	---	---	5,910	---	---	---	---	---
Rio Blanco	---	---	---	---	2,047	1,940	1,010	3,599
Rio Grande	---	---	---	---	27,418	16,639	8,870	---
Routt	---	---	33	305	---	---	---	90
Saguache	---	---	---	---	49,000	49,000	48,750	71,124
San Juan	---	---	---	---	---	---	---	---
San Miguel	---	---	---	---	---	---	---	---
Sedgwick	---	---	---	---	5,437	5,557	5,469	5,165
Summit	---	---	---	---	---	---	---	---
Teller	---	---	---	---	2,099	2,407	2,322	1,580
Washington	---	---	---	---	---	---	---	1,755
Weld	---	---	---	---	6,415	6,755	9,631	5,635
Yuma	---	---	---	---	3,952	2,558	4,490	---
State	20,771	20,515	32,148	23,500	347,852	330,990	228,330	190,865

ACREAGE OF GRAZING LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1925, 1927, 1928, 1929

COUNTY	1929	1928	1927	1925	1920	1914
Adams-----	155,407	150,170	149,964	151,609	192,665	355,512
Alamosa-----	141,980	140,986	143,886	156,049	142,800	218,392
Arapahoe-----	83,730	83,690	83,690	83,690	81,930	331,884
Archuleta-----	280,673	302,346	293,150	274,067	234,439	226,948
Baca-----	561,025	558,320	555,610	564,369	48,684	474,067
Bent-----	656,320	698,368	697,347	636,392	393,620	137,772
Boulder-----	156,456	154,396	150,500	149,213	139,641	133,820
Chaffee-----	73,510	71,237	71,230	66,879	63,318	61,359
Cheyenne-----	230,481	229,990	229,867	221,327	-----	821,560
Clear Creek-----	32,587	41,433	39,580	37,260	33,857	30,828
Conejos-----	160,886	156,878	155,307	151,843	128,904	91,054
Costilla-----	60,000*	280,000	275,000	290,000	130,000	674,084
Crowley-----	373,222	364,758	362,708	350,808	250,603	75,500
Custer-----	230,627	227,250	225,910	194,530	116,339	101,572
Delta-----	48,674	47,103	45,722	48,748	104,940	127,328
Denver-----	-----	-----	-----	-----	-----	-----
Dolores-----	171,856	170,757	162,450	87,946	20,678	8,287
Douglas-----	278,623	279,258	279,212	282,858	273,199	338,854
Eagle-----	128,923	113,051	107,584	88,891	76,135	62,290
Elbert-----	713,991	708,617	689,665	686,137	615,324	843,349
El Paso-----	745,180	750,286	747,120	743,305	715,708	542,483
Fremont-----	296,112	292,744	281,562	220,187	168,838	135,289
Garfield-----	244,664	239,918	235,867	213,934	165,985	104,888
Gilpin-----	28,073	26,883	26,146	20,649	18,091	16,754
Grand-----	229,315	219,278	216,394	205,423	141,172	107,020
Gunnison-----	266,228	256,217	244,728	206,500	115,972	82,036
Hinsdale-----	13,026	15,744	14,600	14,002	12,526	9,882
Huerfano-----	552,865	609,729	564,919	567,857	340,125	291,720
Jackson-----	230,961	220,660	209,088	182,740	146,359	122,151
Jefferson-----	253,947	252,777	246,013	222,534	243,917	224,048
Kiowa-----	281,017	286,237	282,772	245,296	960,670	607,114
Kit Carson-----	289,431	276,996	271,490	267,112	228,829	998,347
Lake-----	23,877	23,912	26,682	27,624	27,011	26,652
La Plata-----	363,563	351,040	344,748	318,219	255,585	186,040
Larimer-----	609,473	612,386	604,559	566,771	521,332	469,678
Las Animas-----	2,551,240	2,468,997	2,405,100	2,173,614	1,024,029	716,102
Lincoln-----	584,409	583,830	577,269	621,622	491,790	993,743
Logan-----	332,840	331,080	330,080	323,800	309,715	329,042
Mesa-----	373,663	361,789	355,371	324,859	240,762	183,083
Mineral-----	15,768	22,556	22,664	23,801	17,296	20,891
Moffat-----	901,430	883,077	771,517	584,609	133,655	100,246
Montezuma-----	207,518	227,068	223,254	207,255	143,551	84,736
Montrose-----	210,393	310,550	299,583	259,615	175,089	121,579
Morgan-----	415,110	412,080	410,566	400,909	318,919	179,079
Otero-----	530,980	510,832	515,608	468,799	221,636	126,795
Ouray-----	127,276	129,405	128,712	122,696	118,137	64,273
Park-----	430,800	416,672	398,569	324,539	186,171	173,917
Phillips-----	34,010	33,974	34,174	31,800	29,360	-----
Pitkin-----	52,058	52,058	52,625	51,093	42,191	36,988
Prowers-----	215,314	266,680	271,895	263,262	712,576	322,898
Pueblo-----	1,030,720	1,037,102	1,031,078	1,013,869	749,407	559,892
Rio Blanco-----	302,513	294,259	282,485	239,475	151,782	99,872
Rio Grande-----	128,196	126,638	120,110	124,089	105,294	87,613
Routt-----	443,671	422,175	410,873	358,516	256,707	188,763
Saguache-----	260,250	456,039	435,073	421,079	367,643	226,221
San Juan-----	200	200	200	200	200	200
San Miguel-----	215,103	207,545	202,476	178,088	108,427	69,054
Sedgwick-----	91,003	92,313	90,326	88,166	93,008	73,794
Summit-----	30,980	30,998	30,849	29,452	22,720	16,922
Teller-----	124,794	122,771	119,078	115,923	91,867	88,437
Washington-----	311,591	266,173	273,886	319,209	171,281	-----
Weld-----	1,167,763	1,169,830	1,161,048	1,182,871	1,011,289	1,192,886
Yuma-----	744,131	723,834	725,679	744,607	668,467	285,540
State-----	20,800,067	21,179,940	20,715,215	19,542,636	15,071,165	15,381,078

*Due to the addition of a new classification to the Tax Commission reports in 1929, a large portion of land, heretofore classed as grazing land, in this county is now classed under the heading of Waste and Seep Land. See Land Classification Table opposite page 12.

**AVERAGE VALUE OF IRRIGATED AND DRY FARMING LAND PER ACRE AS RETURNED
ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1928, 1929.**

COUNTY	IRRIGATED LAND				DRY FARMING LAND			
	1929	1928	1920	1914	1929	1928	1920	1914
Adams-----	\$ 92.58	\$ 92.55	\$ 92.94	\$ 77.78	\$ 11.49	\$ 11.13	\$ 13.76	\$ 15.67
Alamosa-----	40.00	40.00	48.00	13.44	15.00	15.00	15.00	-----
Arapahoe-----	142.50	140.80	126.09	99.52	9.99	9.96	13.50	12.74
Archuleta-----	40.46	41.70	41.35	24.74	9.87	10.12	10.21	7.44
Baca-----	12.50	12.50	25.00	-----	6.25	6.25	5.42	-----
Bent-----	78.94	79.32	110.96	65.04	11.30	16.39	15.00	-----
Boulder-----	103.63	108.53	113.09	71.42	33.29	34.68	36.05	-----
Chaffee-----	47.28	49.78	56.93	52.31	-----	-----	-----	-----
Cheyenne-----	-----	-----	-----	-----	8.26	10.38	12.67	-----
Clear Creek-----	-----	-----	-----	-----	-----	-----	-----	-----
Conejos-----	44.97	44.97	45.00	36.22	-----	-----	-----	-----
Costilla-----	29.37	29.10	30.00	21.69	3.00	3.00	10.00	-----
Crowley-----	90.11	90.36	89.32	87.77	9.16	9.11	20.53	18.93
Custer-----	30.08	30.00	40.00	34.16	13.05	14.41	20.88	-----
Delta-----	67.04	66.50	89.09	76.00	17.05	17.61	24.74	-----
Denver-----	708.92	645.00	481.10	481.77	-----	-----	-----	-----
Dolores-----	20.00	20.00	20.00	18.00	9.51	10.21	10.01	-----
Douglas-----	75.64	81.47	79.03	45.70	15.96	17.59	18.09	10.22
Eagle-----	64.80	64.46	69.83	71.33	32.98	-----	-----	-----
Elbert-----	-----	-----	46.06	40.00	14.44	14.46	16.54	6.01
El Paso-----	75.00	75.00	75.00	78.00	12.28	15.41	13.96	12.00
Fremont-----	80.56	83.36	66.94	76.68	9.24	10.38	8.74	9.46
Garfield-----	70.14	70.52	70.73	71.70	19.63	19.98	15.89	17.22
Gilpin-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand-----	34.93	34.41	35.67	20.00	-----	-----	-----	-----
Gunnison-----	42.55	41.70	46.76	34.07	15.60	-----	-----	-----
Hinsdale-----	17.00	15.00	14.00	10.94	-----	10.00	-----	-----
Huerfano-----	43.58	60.62	38.20	31.94	7.13	7.61	7.00	-----
Jackson-----	-----	-----	29.77	15.00	-----	-----	-----	-----
Jefferson-----	98.71	113.63	148.00	150.32	21.74	23.21	33.00	25.00
Kiowa-----	-----	-----	-----	-----	9.34	9.92	-----	-----
Kit Carson-----	30.46	40.00	75.00	20.00	11.44	13.69	17.78	4.00
Lake-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata-----	42.22	42.65	45.95	49.40	15.15	15.90	16.83	18.28
Larimer-----	94.56	104.50	131.00	72.06	17.50	19.00	24.96	13.83
Las Animas-----	51.91	50.44	59.00	48.22	10.13	10.00	20.00	16.38
Lincoln-----	-----	-----	-----	-----	10.43	10.72	13.11	-----
Logan-----	71.00	71.80	82.79	45.65	14.76	15.00	26.01	9.92
Mesa-----	68.17	71.78	77.93	94.53	-----	-----	-----	-----
Mineral-----	13.85	13.63	11.35	17.78	-----	-----	-----	-----
Moffat-----	37.23	37.22	49.54	37.55	10.18	10.36	12.04	15.40
Montezuma-----	34.86	36.26	37.70	37.00	15.00	18.30	15.04	17.00
Montrose-----	48.42	48.52	71.51	55.08	16.27	18.01	18.07	15.14
Morgan-----	78.35	79.55	93.02	49.54	10.71	10.73	13.84	14.47
Otero-----	92.52	94.11	122.48	100.47	12.55	10.62	15.82	14.48
Ouray-----	50.63	51.13	68.29	40.15	10.00	10.00	12.50	16.23
Park-----	-----	-----	-----	-----	15.00	15.00	15.00	15.00
Phillips-----	-----	-----	-----	-----	23.96	25.97	31.30	7.49
Pitkin-----	48.17	48.00	58.08	53.97	20.00	20.00	22.92	24.00
Prowers-----	67.87	64.98	86.78	59.75	5.18	5.73	26.65	-----
Pueblo-----	96.10	98.45	98.82	102.49	16.64	16.05	16.81	15.56
Rio Blanco-----	60.00	62.40	67.45	64.95	15.74	16.91	22.43	27.63
Rio Grande-----	59.77	51.74	87.40	39.18	-----	-----	24.00	-----
Routt-----	49.50	49.97	41.58	38.01	20.23	20.13	27.22	19.90
Saguache-----	44.00	44.00	39.53	42.00	-----	-----	-----	-----
San Juan-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	36.50	38.36	40.00	34.50	19.12	17.69	24.00	21.00
Sedgwick-----	76.08	72.26	63.61	43.06	21.72	21.72	29.16	8.00
Summit-----	35.00	36.49	35.00	24.92	-----	-----	-----	-----
Teller-----	-----	-----	-----	-----	10.01	10.01	10.18	10.00
Washington-----	63.82	61.10	117.94	70.00	8.01	9.37	17.86	6.74
Weld-----	86.65	87.21	110.64	72.20	10.39	10.56	13.75	11.05
Yuma-----	42.26	40.28	61.00	22.21	19.36	19.44	21.00	6.12
State-----	\$ 72.52	\$ 73.96	\$ 83.52	\$ 62.11	\$ 11.38	\$ 12.09	\$ 16.16	\$ 8.91

**AVERAGE VALUE OF GRAZING AND NATURAL HAY LAND PER ACRE AS RETURNED
ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1928, 1929**

COUNTY	GRAZING LAND				NATURAL HAY LAND			
	1929	1928	1920	1914	1929	1928	1920	1914
Adams.....	\$ 7.44	\$ 7.00	\$ 9.20	\$ 5.33	\$21.90	\$23.83	-----	-----
Alamosa.....	2.34	2.81	4.35	5.08	30.00	30.00	\$30.00	\$18.00
Arapahoe.....	5.04	5.05	8.10	4.91	-----	-----	-----	-----
Archuleta.....	2.74	2.57	3.42	2.41	32.13	31.13	-----	-----
Baca.....	3.45	3.46	3.25	3.12	-----	-----	-----	-----
Bent.....	2.99	4.04	5.05	6.81	-----	-----	-----	-----
Boulder.....	8.58	8.70	9.49	10.37	-----	-----	17.71	-----
Chaffee.....	3.42	3.63	4.53	4.05	-----	-----	-----	-----
Cheyenne.....	3.90	3.90	-----	5.00	-----	-----	-----	-----
Clear Creek.....	10.40	10.23	9.15	4.04	-----	-----	-----	-----
Conejos.....	1.84	1.87	3.07	5.00	20.00	20.00	22.06	25.00
Costilla.....	3.00	.90	3.00	1.80	20.00	20.00	20.00	20.00
Crowley.....	4.26	4.33	4.66	9.74	-----	-----	-----	-----
Custer.....	3.07	3.33	4.23	4.45	39.95	39.80	-----	41.17
Delta.....	4.41	4.41	3.09	11.65	-----	-----	-----	-----
Denver.....	-----	-----	-----	-----	-----	-----	-----	-----
Dolores.....	2.85	2.74	4.50	4.96	-----	-----	-----	10.00
Douglas.....	4.15	4.18	6.16	5.94	37.85	50.20	50.04	28.02
Eagle.....	3.72	4.04	4.18	2.79	-----	-----	-----	-----
Elbert.....	5.63	5.65	7.03	5.59	44.37	44.37	37.30	24.90
El Paso.....	5.00	5.00	8.99	5.95	46.50	46.50	46.50	35.00
Fremont.....	3.62	3.56	4.15	4.10	35.00	35.00	35.00	28.00
Garfield.....	2.99	3.02	2.52	1.30	-----	-----	-----	-----
Gilpin.....	3.19	3.35	3.00	3.00	-----	-----	-----	-----
Grand.....	3.19	3.56	3.47	4.92	-----	-----	-----	-----
Gunnison.....	3.22	3.19	4.13	3.34	-----	-----	-----	-----
Hinsdale.....	3.21	3.67	3.71	2.15	-----	-----	-----	-----
Huerfano.....	2.76	2.99	4.00	3.01	37.60	37.46	-----	-----
Jackson.....	2.19	2.25	4.86	2.02	15.00	15.00	-----	-----
Jefferson.....	6.54	6.62	7.07	6.00	-----	-----	-----	-----
Kiowa.....	4.49	4.40	10.60	4.87	-----	-----	-----	-----
Kit Carson.....	2.87	3.81	8.45	3.47	27.30	30.07	37.08	10.00
Lake.....	5.16	7.35	7.16	6.41	12.00	-----	-----	-----
La Plata.....	3.54	3.65	3.90	4.60	-----	-----	-----	-----
Larimer.....	3.20	3.36	3.81	3.66	20.00	20.00	25.00	26.00
Las Animas.....	2.86	2.94	4.60	4.71	23.19	30.93	31.00	28.23
Lincoln.....	5.35	5.36	8.65	5.01	28.69	28.63	29.01	-----
Logan.....	3.50	3.50	7.84	4.46	22.50	22.50	25.54	-----
Mesa.....	4.47	4.55	5.82	6.22	-----	132.37	-----	-----
Mineral.....	4.96	3.85	5.00	4.02	25.00	25.00	25.00	25.00
Moffat.....	2.66	2.69	4.76	5.98	25.70	25.66	-----	-----
Montezuma.....	3.48	2.98	3.01	3.99	-----	-----	-----	-----
Montrose.....	3.25	2.67	4.04	3.84	-----	-----	-----	-----
Morgan.....	4.43	4.43	6.09	4.04	23.50	23.50	23.51	16.16
Otero.....	2.86	2.95	4.22	4.74	-----	-----	-----	-----
Ouray.....	3.54	3.47	4.00	3.85	12.00	12.00	10.35	-----
Park.....	2.78	2.83	3.42	3.18	37.41	37.40	37.16	36.36
Phillips.....	3.24	3.22	9.14	-----	-----	-----	-----	-----
Pitkin.....	3.45	3.30	3.15	2.61	-----	-----	-----	-----
Prowers.....	3.29	2.80	5.26	3.15	21.52	21.26	30.32	27.72
Pueblo.....	3.85	3.95	4.03	3.85	-----	-----	-----	-----
Rio Blanco.....	2.90	3.28	4.60	4.33	41.90	49.74	38.96	48.95
Rio Grande.....	3.00	5.10	6.08	5.46	22.00	23.42	32.50	-----
Routt.....	3.28	3.30	6.00	5.15	-----	-----	-----	28.88
Saguache.....	4.09	2.87	5.10	2.32	25.00	25.00	28.10	18.00
San Juan.....	6.40	6.40	6.40	6.40	-----	-----	-----	-----
San Miguel.....	3.41	3.43	4.96	5.49	-----	-----	-----	-----
Sedgwick.....	4.80	4.91	5.00	4.00	18.19	18.46	15.25	15.18
Summit.....	3.75	3.75	3.75	3.76	-----	-----	-----	-----
Teller.....	2.09	2.06	2.16	2.01	16.20	16.12	15.38	14.95
Washington.....	3.82	4.13	9.80	-----	-----	-----	-----	16.00
Weld.....	3.69	3.69	5.93	4.45	17.68	18.57	24.50	18.47
Yuma.....	3.60	3.61	5.50	2.71	29.41	32.42	29.00	-----
State.....	\$ 3.63	\$ 3.67	\$ 5.87	\$ 4.41	\$24.68	\$26.07	\$29.25	\$23.78

Colorado Livestock

THE estimated number of livestock in Colorado on January 1, 1930, shows that during 1929 there was a decrease in beef cattle, dairy cattle, swine, horses and mules, with the same number of range and farm sheep and an increase in sheep and lambs on feed.

Colorado livestock on January 1, 1930, was estimated to be valued at \$116,920,000, compared with \$127,392,000 on January 1, 1929, and \$112,185,000 on January 1, 1928. The average value per head of cattle and sheep declined during 1929, while swine values were about the same as on January 1, 1929.

Cattle—Colorado cattle and calves were estimated at 1,277,000 head on January 1, 1930, a decline of 3 per cent from the 1,317,000 head on January 1, 1929. The January 1, 1928, number was estimated at 1,317,000 head. The total number of cattle and calves in Colorado is 480,000 head less than the 1,757,000 head on January 1, 1920.

Colorado cattle and calves were valued at \$64,873,000 on January 1, 1929, compared with \$72,802,000 on January 1, 1930, and \$61,459,000 two years ago.

Beef cattle showed a slight decrease in 1929, with a smaller number of cattle on feed January 1, 1930, than the year before. Colorado has about 915,000 beef cattle.

Milk cows, which have been increasing for several years, did not increase during 1929, with a tendency to restrict dairy operations because of lower prices for dairy products. Colorado has about 362,000 cattle of milk and dairy types, of which 244,000 are milk cows.

Colorado cattle and calf marketing in 1929 amounted to 578,000 head, of which 523,000 were cattle and 55,000 calves. In 1928, 584,000 cattle and calves were marketed, of which 526,000 were cattle and 58,000 calves. The 1927 marketings amounted to 544,000 cattle and 50,000 calves, or a total of 594,000 head.

Shipments of cattle to Colorado farms, ranches and ranges were smaller in 1929 than in 1928.

Sheep—Colorado sheep population on January 1, 1930, was 3,450,000 head, which is probably the largest number of sheep ever held on farms, ranges and in feed lots. This large number was due to a record number of lambs on feed. On January 1, 1929, there

were 2,980,000 sheep and lambs, compared with 2,960,000 on January 1, 1928.

Colorado sheep and lambs on January 1, 1930, were valued at \$30,838,000, compared with \$31,546,000 the previous year and \$28,350,000 on January 1, 1928.

Farm and range sheep were estimated at 1,460,000 on January 1, 1930, the same as the previous year, while there were 1,380,000 on January 1, 1928. Colorado's range and farm sheep have increased 560,000 head since January 1, 1922, when the number was estimated at 900,000 head. The ranges are about fully stocked with sheep, and showed no expansion during 1929.

On January 1, 1930, Colorado had 1,990,000 sheep and lambs on feed, the largest number ever fed in the state. There were 1,520,000 on feed January 1, 1929, and 1,580,000 on feed January 1, 1928.

Wool—Colorado wool clip in 1929 was estimated at 9,979,000 pounds, compared with 9,956,000 pounds in 1928. Fleeces in 1929 were light, averaging 7.2 pounds, while the 1928 fleeces averaged 7.6 pounds.

Swine—The swine, including pigs, were estimated at 495,000 head on January 1, 1930, compared with 550,000 on January 1, 1929, and 509,000 on January 1, 1928.

Swine, including pigs, were valued at \$5,943,000, compared with \$6,630,000 on January 1, 1929, and \$6,690,000 on January 1, 1928.

Marketings and local slaughter of hogs and pigs in 1929 amounted to 555,000 head, compared with 485,000 in 1928 and 407,000 in 1927.

The June, 1929, pig survey indicated that 98.6 per cent as many sows were farrowed as in the spring of 1928, while the average number of pigs per litter was 5.3 compared with 5.5 in the spring of 1928, making the total pigs saved only 93.5 per cent of the number in the spring of 1928. The pig survey in the fall of 1929 showed that 116.6 per cent as many sows were farrowed as in the fall of 1928, with an average of 5.6 pigs saved per litter, compared with 5.5 in the fall of 1928, making the total pigs saved 119.7 per cent of the number saved in the fall of 1928. The pig survey in the fall of 1929 indicated the number of sows bred for farrowing

in the spring of 1930 was 113.5 per cent of the number farrowed in the spring of 1929.

Horses—Horses continue to decrease, with an estimate of 302,000 horses and colts on January 1, 1930, compared with 308,000 on January 1, 1929, and 324,000 January 1, 1928. On January 1, 1921, Colorado had 421,000 horses and colts. Horses and colts are valued at \$13,508,000, compared with \$14,564,000 on January 1, 1929; \$13,841,000 January 1, 1928, and \$26,612,000 on January 1, 1921.

ESTIMATED NUMBER OF CATTLE ON FEED BY SECTIONS

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

Lamb Feeding—Colorado is the leading lamb feeding state and had 1,990,000 lambs on feed January 1, 1930, compared with 1,520,000 on January 1, 1929, and 1,580,000 on January 1, 1928.

On January 1, 1930, Colorado had 36 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.

RECORD LIVESTOCK RECEIPTS AT DENVER

LARGEST RECEIPTS FOR ONE DAY

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

LARGEST RECEIPTS FOR ONE WEEK

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

Cattle Feeding—Cattle feeding is an important part of the agriculture in the irrigated sections of northern Colorado, the Arkansas valley and 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 120,000 cattle and calves on feed for market January 1, 1930, compared with 140,000 on January 1, 1929.

LARGEST RECEIPTS FOR ONE MONTH

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

LARGEST RECEIPTS FOR ONE YEAR

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

ELECTRIC POWER PRODUCTION

The production of electric power by public utility power plants in Colorado in 1929, as reported by the division of power resources of the United States geological survey, amounted to 563,813,000 kilowatt-hours. Of this total, 230,423,000 kilowatt-hours was produced by water power and 333,390,000 kilowatt-hours by fuel power. The consumption of fuel in generating electric power by the public utility power plants in the state in 1929 was 420,093 short tons of coal and 6,328 barrels of oil. No natural gas was used for fuel in producing electric power.

There were 29 operating companies doing business in the state on January 1, 1930, and the number of plants operated was 61. The generators in these plants had a total capacity of 222,127 kilowatt-hours. Those operated by steam power had a capacity of 168,391 kilowatt-hours, those operated by water power had a capacity of 52,357 kilowatt-hours and those operated by internal combustion engines had a capacity of 1,379 kilowatt-hours.

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	35.1%	4,265,000
1924	1,400,000	33.1%	4,229,000
1925	1,600,000	39.9%	4,007,000
1926	1,475,000	31.9%	4,621,000
1927	770,000	18.0%	4,259,000
1928	1,580,000	35.4%	4,463,000
1929	1,520,000	31.7%	4,792,000
1930	1,990,000	36.2%	5,490,000

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

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

Year	Northern Colorado	Arkansas Valley	San Luis Valley	Western Slope	State Total
1922	760,000	225,000	30,000	25,000	1,040,000
1923	1,175,000	235,000	65,000	25,000	1,500,000
1924	1,150,000	170,000	55,000	25,000	1,400,000
1925	1,250,000	265,000	60,000	25,000	1,600,000
1926	1,090,000	285,000	75,000	25,000	1,475,000
1927	520,000	177,000	54,000	19,000	770,000
1928	1,265,000	275,000	30,000	10,000	1,580,000
1929	1,100,000	385,000	22,000	13,000	1,520,000
1930	1,500,000	430,000	40,000	20,000	1,990,000

SHEEP AND LAMBS ON JANUARY 1 EACH YEAR

COLORADO				UNITED STATES		
Year	All Sheep and Lambs	Sheep and Lambs on Feed	Range and Farm Sheep and Lambs	All Sheep and Lambs	Sheep and Lambs on Feed	Range and Farm Sheep and Lambs
1923	2,449,000	1,500,000	949,000	36,212,000	4,265,000	31,947,000
1924	2,327,000	1,400,000	927,000	36,876,000	4,229,000	32,647,000
1925	2,565,000	1,600,000	965,000	38,112,000	4,007,000	34,105,000
1926	2,537,000	1,475,000	1,062,000	39,730,000	4,621,000	35,109,000
1927	1,938,000	770,000	1,168,000	41,881,000	4,259,000	37,622,000
1928	2,960,000	1,580,000	1,380,000	44,795,000	4,463,000	40,332,000
1929	2,980,000	1,520,000	1,460,000	47,509,000	4,792,000	42,717,000
1930	3,450,000	1,990,000	1,460,000	48,913,000	5,490,000	43,423,000

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

HORSES AND COLTS

COLORADO					UNITED STATES			
YEAR	Numbers		Values, Dollars		Numbers		Values, Dollars	
	Per Cent Preced'g Year	Total Number	Per Head	Aggregate	Per Cent Preced'g Year	Total Number	Per Head	Aggregate
1910	-----	*294,000	\$93.13	\$27,380,000	-----	*19,833,000	\$108.00	\$2,142,524,000
1920	-----	*421,000	79.00	33,375,000	-----	19,848,000	97.62	1,915,653,000
1921	100.0	421,000	63.00	26,612,000	96.4	19,134,000	84.56	1,618,120,000
1922	98.6	415,000	55.75	23,133,000	97.0	18,564,000	71.18	1,321,396,000
1923	96.4	400,000	48.00	19,229,000	96.6	17,943,000	70.64	1,267,624,000
1924	96.2	385,000	44.80	17,248,000	95.9	17,222,000	65.47	1,127,619,000
1925	95.3	*367,000	43.00	15,621,000	95.2	16,470,000	64.29	1,058,912,000
1926	95.9	352,000	47.00	16,373,000	96.0	15,830,000	65.50	1,086,843,000
1927	97.0	331,000	44.00	14,461,000	96.5	15,133,000	64.14	970,703,000
1928	98.0	324,000	43.00	13,841,000	95.7	14,495,000	67.18	973,300,000
1929	95.0	308,000	47.00	14,564,000	95.9	13,905,000	70.21	976,300,000
1930	98.0	302,000	45.00	13,508,000	96.7	13,440,000	70.71	950,318,000

MULES AND MULE COLTS

1910	-----	*14,700	\$122.03	\$1,799,000	-----	*4,210,000	\$120.20	\$506,049,000
1920	-----	*31,000	102.26	3,170,000	-----	5,475,000	148.46	812,828,000
1921	103.0	32,000	90.00	2,912,000	102.0	5,586,000	117.52	656,455,000
1922	106.2	34,000	70.00	2,380,000	100.9	5,638,000	89.14	502,563,000
1923	106.0	36,000	62.00	2,228,000	101.1	5,702,000	87.17	497,044,000
1924	105.5	38,000	61.00	2,314,000	100.5	5,730,000	85.90	492,209,000
1925	102.6	*39,000	57.00	2,225,000	100.01	5,725,000	82.24	473,646,000
1926	100.0	38,000	59.00	2,243,000	100.3	5,740,000	81.49	467,760,000
1927	97.0	36,000	55.00	1,996,000	98.5	5,652,000	74.57	421,467,000
1928	92.0	33,000	56.00	1,845,000	-----	5,504,000	79.82	439,300,000
1929	97.0	32,000	58.00	1,850,000	-----	5,390,000	82.34	443,839,000
1930	97.0	31,000	57.00	1,758,000	-----	5,322,000	83.00	441,726,000

COWS AND HEIFERS 2 YEARS OLD AND OVER KEPT FOR MILK

1910	-----	*145,000	†-----	†-----	-----	20,625,000	\$35.29	\$ 727,802,000
1920	-----	*202,000	\$87.00	\$17,574,000	-----	21,427,000	81.51	1,746,412,000
1921	100.0	202,000	70.00	14,140,000	99.9	21,408,000	61.19	1,309,892,000
1922	101.9	206,000	57.00	11,742,000	101.7	21,788,000	48.68	1,060,574,000
1923	101.4	209,000	53.00	11,077,000	101.2	22,063,000	48.67	1,073,880,000
1924	103.8	217,000	50.00	10,850,000	100.8	22,255,000	49.94	1,111,510,000
1925	103.2	*224,000	45.00	10,080,000	101.1	22,498,000	48.39	1,088,597,000
1926	100.0	224,000	50.00	11,200,000	101.7	22,188,000	55.02	1,220,764,000
1927	107.1	240,000	56.00	13,440,000	98.2	21,801,000	59.58	1,299,004,000
1928	101.0	242,000	71.00	17,182,000	-----	21,828,000	73.93	1,613,939,000
1929	101.0	244,000	77.00	18,788,000	-----	21,919,000	84.63	1,855,080,000
1930	100.0	244,000	72.00	17,568,000	-----	22,499,000	83.40	1,876,357,000

HEIFERS 1 TO 2 YEARS OLD BEING KEPT FOR MILK COWS

1920	-----	*44,000	-----	-----	-----	4,418,000	-----	-----
1921	86.3	38,000	-----	-----	94.0	4,155,000	-----	-----
1922	115.8	44,000	-----	-----	95.5	3,968,000	-----	-----
1923	93.2	41,000	-----	-----	104.5	4,147,000	-----	-----
1924	102.4	42,000	-----	-----	99.7	4,137,000	-----	-----
1925	114.3	*48,000	-----	-----	101.4	4,195,000	-----	-----
1926	97.9	47,000	-----	-----	93.5	3,923,000	-----	-----
1927	102.1	48,000	-----	-----	103.4	4,059,000	-----	-----
1928	104.2	50,000	-----	-----	103.0	4,184,000	-----	-----
1929	102.0	51,000	-----	-----	105.4	4,413,000	-----	-----
1930	96.1	49,000	-----	-----	105.8	4,669,000	-----	-----

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

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

ALL CATTLE AND CALVES

COLORADO					UNITED STATES			
Year	Numbers		Values, Dollars		Numbers		Values, Dollars	
	Per Cent Preced'g Year	Total Number	Per Head	Aggregate	Per Cent Preced'g Year	Total Number	Per Head	Aggregate
1910	-----	*1,130,000	†\$27.50	†\$31,017,000	-----	*61,803,000	\$24.50	\$1,513,063,000
1920	-----	*1,757,000	50.83	89,318,000	-----	68,871,000	52.87	3,641,025,000
1921	95.8	1,683,000	37.71	63,464,000	97.5	67,184,000	39.20	2,633,791,000
1922	99.8	1,680,000	30.10	50,578,000	100.1	67,264,000	30.55	2,054,933,000
1923	96.0	1,614,000	28.19	46,604,000	96.8	66,156,000	31.85	2,107,210,000
1924	95.4	1,540,000	28.26	43,531,000	97.5	64,507,000	32.34	2,086,285,000
1925	95.1	*1,465,000	26.20	38,894,000	96.3	61,996,000	31.95	1,980,542,000
1926	94.0	1,377,000	32.00	44,079,000	95.4	59,122,000	37.16	2,196,763,000
1927	103.0	1,418,000	36.20	51,320,000	96.1	56,832,000	40.29	2,289,551,000
1928	93.0	1,317,000	46.70	61,459,000	-----	55,676,000	51.06	2,842,576,000
1929	100.0	1,317,000	55.30	72,802,000	-----	56,467,000	59.15	3,340,182,000
1930	97.0	1,277,000	50.80	64,873,000	-----	57,967,000	57.28	3,320,104,000

ALL SHEEP AND LAMBS, INCLUDING SHEEP AND LAMBS ON FEED

1910	-----	*1,426,000	\$ 4.80	\$ 6,856,000	-----	*52,488,000	\$ 4.12	\$ 216,030,000
1920	-----	*1,964,000	9.10	18,973,000	-----	40,243,000	10.46	408,586,000
1921	110.6	2,247,000	5.40	12,221,000	96.0	38,690,000	6.28	235,855,000
1922	89.0	1,940,000	4.70	9,449,000	97.0	36,186,000	4.80	174,545,000
1923	114.0	2,449,000	7.40	18,514,000	102.5	36,212,000	7.53	279,464,000
1924	100.9	2,327,000	7.40	18,510,000	102.6	36,876,000	7.91	301,804,000
1925	106.0	*2,565,000	10.30	26,306,000	102.6	38,112,000	9.70	369,612,000
1926	99.0	2,537,000	10.50	26,704,000	104.2	39,730,000	10.51	417,630,000
1927	76.0	1,938,000	9.40	18,284,000	105.4	41,881,000	9.71	406,588,000
1928	-----	2,960,000	9.60	28,350,000	-----	44,795,000	10.24	458,854,000
1929	-----	2,980,000	10.60	31,546,000	-----	47,509,000	10.61	504,022,000
1930	116.0	3,450,000	8.90	30,838,000	-----	48,913,000	8.90	435,515,000

SWINE, INCLUDING PIGS

1910	-----	*179,000	\$ 8.75	\$ 1,568,000	-----	*58,186,000	\$ 9.17	\$ 533,309,000
1920	-----	*450,000	13.00	8,100,000	-----	59,813,000	20.00	1,199,406,000
1921	92.0	414,000	12.30	5,092,000	98.1	58,711,000	13.65	799,757,000
1922	109.9	455,000	9.60	4,368,000	101.0	59,355,000	10.59	630,935,000
1923	130.1	592,000	10.50	6,216,000	115.3	68,447,000	12.31	849,680,000
1924	97.1	575,000	9.67	5,428,000	96.3	65,937,000	10.30	683,766,000
1925	85.5	*493,000	11.00	5,423,000	84.5	55,568,000	13.20	733,742,000
1926	90.0	443,000	13.60	6,004,000	93.8	52,148,000	15.80	824,100,000
1927	100.0	443,000	16.00	7,073,000	105.0	54,788,000	17.25	945,012,000
1928	115.0	509,000	13.10	6,690,000	-----	60,617,000	13.20	799,902,000
1929	108.0	550,000	12.10	6,630,000	-----	56,880,000	13.00	739,255,000
1930	90.0	495,000	12.00	5,943,000	-----	52,600,000	13.64	717,306,000

TOTAL VALUE OF ALL LIVESTOCK JANUARY 1

Colorado		United States		Colorado		United States	
1910	-----\$ 68,620,000	\$4,910,975,000		1925	-----\$ 88,640,000	\$4,616,436,000	
1920	-----152,936,000	7,989,775,000		1926	-----95,403,000	4,943,096,000	
1921	-----110,301,000	5,950,904,000		1927	-----93,344,000	5,033,321,000	
1922	-----89,908,000	4,683,689,000		1928	-----112,185,000	5,414,464,000	
1923	-----92,851,000	4,994,239,000		1929	-----127,392,000	6,003,598,000	
1924	-----87,065,000	4,681,505,000		1930	-----116,920,000	5,864,969,000	

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

COLORADO LIVESTOCK ASSESSMENTS

HORSES				MULES			RANGE CATTLE		
Year	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head
1910	246,975	\$7,506,000	\$30.39	14,277	\$ 524,559	\$36.74	-----	-----	----
1911	259,990	7,752,000	29.81	16,741	601,292	35.91	-----	-----	----
1912	255,511	7,254,000	28.38	16,821	600,442	35.69	-----	-----	----
1913	281,704	18,028,000	63.99	19,329	1,568,328	81.12	793,957	\$23,912,000	\$30.11
1914	279,826	18,211,000	65.05	19,635	1,669,737	85.03	868,261	30,167,000	34.73
1915	296,368	20,031,000	67.59	23,284	1,991,820	85.54	997,823	37,548,000	37.63
1916	308,062	21,729,000	70.54	26,280	2,303,481	87.64	1,063,153	41,864,000	39.38
1917	326,002	23,837,000	73.12	29,269	2,716,010	92.80	1,147,428	46,533,000	40.56
1918	352,794	26,836,000	76.05	29,838	2,843,990	95.31	1,262,616	55,236,000	43.75
1919	354,868	25,254,000	71.16	30,045	2,660,781	88.56	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	51,834,000	42.88
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	1,335,301	42.19	828,797	17,095,126	20.62
1927	250,008	8,764,003	35.06	30,306	1,250,836	41.27	804,545	18,212,260	21.98
1928	239,759	8,207,666	34.23	26,189	1,116,295	42.63	796,725	23,622,220	29.64
1929	233,855	7,893,333	33.75	25,318	1,072,270	41.92	793,974	27,050,976	34.07

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	-----	-----	-----	1,463,861	\$ 2,165,838	\$ 1.48	60,871	\$ 253,678	\$ 4.16
1911	-----	-----	-----	1,757,771	2,400,404	1.36	75,954	281,762	3.68
1912	-----	-----	-----	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	6,467,821	39.86	1,212,716	9,028,761	7.45	164,058	1,637,001	9.98
1928	148,474	7,390,272	49.78	1,260,863	10,234,087	8.12	172,209	1,675,270	9.73
1929	177,856	8,505,365	47.82	1,436,385	10,644,536	7.41	184,532	1,802,999	9.77

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.

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	76,651	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	1,115,048
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

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

HORSES IN COLORADO, 1928 AND 1929
(From Reports of County Assessors to the State Tax Commission)

COUNTY	1928			1929		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	6,201	\$ 224,020	\$36.13	5,946	\$ 209,830	\$35.29
Alamosa	1,845	110,440	59.86	1,647	92,475	56.15
Arapahoe	3,052	102,725	33.66	2,849	100,400	35.24
Auruleta	1,014	36,140	35.64	1,145	38,235	33.39
Baca	7,011	161,580	23.05	8,049	159,772	19.85
Bent	3,958	111,195	28.09	4,275	120,630	28.22
Boulder	4,147	176,780	42.63	3,875	159,460	41.15
Chaffee	1,077	49,340	45.81	877	41,540	47.37
Cheyenne	3,876	101,255	26.12	3,111	80,270	25.80
Clear Creek	230	8,870	38.36	190	7,275	38.30
Conejos	2,205	86,955	39.44	2,177	86,620	39.79
Costilla	1,172	50,715	43.27	1,346	49,980	37.14
Crowley	2,593	90,715	34.98	2,663	93,720	35.19
Custer	1,153	34,200	29.67	1,119	32,735	29.25
Delta	4,209	155,560	36.96	3,902	138,610	35.52
Denver	551	24,650	44.74	422	31,260	74.07
Dolores	657	21,515	32.75	413	12,295	29.77
Douglas	2,050	103,680	50.57	1,982	102,175	51.55
Eagle	2,527	105,670	41.81	2,323	97,290	41.88
Elbert	6,215	214,825	34.56	6,129	204,800	33.41
El Paso	5,501	153,990	28.00	5,038	148,560	29.49
Fremont	1,439	46,915	32.60	1,370	42,105	30.73
Garfield	4,710	184,415	39.15	4,842	184,725	38.15
Gilpin	152	5,425	35.69	158	5,325	33.70
Grand	2,194	63,100	28.76	2,301	68,375	29.72
Gunnison	2,688	106,060	39.45	2,671	104,020	38.94
Hinsdale	161	5,130	31.87	161	5,302	32.93
Huerfano	2,376	71,837	30.23	2,155	61,995	28.77
Jackson	2,540	49,400	19.45	2,517	47,050	18.69
Jefferson	3,229	105,010	32.52	2,050	97,790	32.06
Kiowa	1,276	51,040	40.00	1,153	46,120	40.00
Kit Carson	9,381	260,380	27.76	8,959	256,144	28.59
Lake	281	10,305	36.67	267	9,880	37.00
La Plata	3,240	99,995	30.86	3,139	95,905	30.55
Larimer	8,213	341,005	41.52	8,920	314,000	35.20
Las Animas	6,498	136,326	20.98	6,799	147,778	21.74
Lincoln	5,894	133,390	22.63	5,457	125,580	23.01
Logan	10,700	394,215	36.84	10,231	362,200	35.40
Mesa	5,662	211,310	37.32	5,420	190,535	35.15
Mineral	297	8,060	27.14	314	8,315	26.48
Moffat	5,223	104,680	20.04	5,291	97,390	18.41
Montezuma	2,548	83,190	32.65	2,387	75,285	31.54
Montrose	3,605	137,905	38.25	3,769	140,840	37.37
Morgan	8,328	320,680	38.50	8,331	308,010	37.00
Otero	6,123	186,195	30.41	5,695	199,595	35.05
Ouray	660	21,760	32.97	600	18,340	30.56
Park	1,782	71,640	40.20	1,791	71,520	39.93
Phillips	3,631	141,165	38.87	3,612	116,875	32.36
Pitkin	957	38,585	40.32	900	32,825	36.47
Prowers	7,874	183,360	37.62	9,008	254,439	28.25
Pueblo	4,313	172,805	40.07	4,210	162,295	38.55
Rio Blanco	3,072	96,435	31.40	2,753	87,375	31.73
Rio Grande	2,702	133,365	49.36	2,413	114,300	47.87
Routt	6,200	229,320	36.99	5,836	221,900	38.02
Saguache	2,690	92,005	34.20	2,581	83,885	32.50
San Juan	45	2,165	48.11	31	2,190	70.64
San Miguel	863	41,425	47.73	746	34,630	46.42
Sedgwick	3,409	138,630	40.67	3,004	126,145	41.99
Summit	456	19,608	43.00	440	17,600	40.00
Teller	735	29,170	39.69	643	25,535	39.71
Washington	9,604	247,810	25.80	9,493	236,133	24.87
Weld	24,353	1,024,280	42.06	23,006	972,130	42.26
Yuma	8,406	283,350	33.71	8,953	313,020	35.00
State	239,759	\$8,207,666	\$34.23	233,855	\$7,893,333	\$33.75

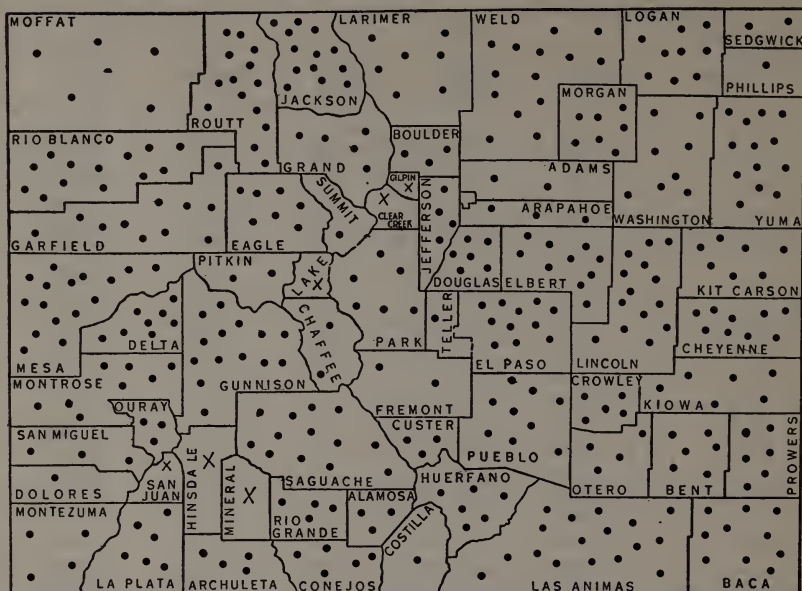
MULES IN COLORADO, 1928 AND 1929
(From Reports of County Assessors to the State Tax Commission)

COUNTY	1928			1929		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	436	\$ 15,990	\$36.67	432	\$ 15,570	\$36.04
Alamosa	166	13,000	78.31	164	11,800	71.96
Arapahoe	228	9,390	41.18	180	7,550	41.94
Archuleta	46	1,890	41.09	55	2,265	41.18
Baca	1,240	37,840	30.52	1,226	32,673	26.65
Bent	576	20,195	35.06	521	20,355	39.07
Boulder	425	21,840	51.39	376	19,990	53.16
Chaffee	10	560	56.00	14	385	27.50
Cheyenne	549	19,315	35.18	422	13,890	32.91
Clear Creek	4	115	28.75	2	60	30.00
Conejos	196	9,630	49.13	287	13,465	46.92
Costilla	97	4,295	44.28	83	3,380	40.72
Crowley	407	19,700	48.40	415	19,840	47.81
Custer	40	1,220	30.50	48	1,465	30.52
Delta	360	14,790	41.08	359	15,295	42.60
Denver	32	2,690	84.06	62	3,630	58.55
Dolores	80	2,350	29.38	84	2,470	29.45
Douglas	77	4,485	58.25	76	3,975	52.30
Eagle	88	4,760	54.09	78	4,015	51.47
Elbert	849	33,260	39.18	845	33,565	39.72
El Paso	1,278	44,970	35.19	1,224	42,670	34.86
Fremont	146	8,275	57.00	181	8,902	49.18
Garfield	243	10,850	44.65	270	11,760	43.56
Gilpin	4	105	26.25	1	30	30.00
Grand	26	855	32.88	29	1,340	46.21
Gunnison	223	11,180	51.13	233	11,255	48.30
Hinsdale	---	---	---	---	---	---
Huerfano	507	42,130	83.10	492	39,515	80.32
Jackson	50	1,660	32.20	79	2,170	27.47
Jefferson	158	7,655	48.45	169	7,255	42.92
Kiowa	196	7,840	40.00	175	7,000	40.00
Kit Carson	1,418	43,360	30.58	1,258	41,545	33.02
Lake	---	---	---	2	50	25.00
La Plata	190	5,950	31.32	183	7,535	41.17
Larimer	998	51,800	51.90	1,244	64,690	52.00
Las Animas	1,045	73,505	70.34	1,363	71,886	52.74
Lincoln	942	27,070	28.74	767	23,250	30.31
Logan	1,070	44,345	41.24	1,007	41,950	41.66
Mesa	352	16,750	47.59	408	17,160	42.06
Mineral	8	450	56.25	9	480	53.33
Moffat	178	5,875	33.07	183	5,715	31.23
Montezuma	312	11,145	35.72	273	9,460	34.65
Montrose	179	7,025	39.25	254	9,710	38.23
Morgan	960	42,780	44.56	900	38,270	42.52
Otero	1,078	47,475	44.04	938	48,790	52.01
Ouray	27	1,200	44.44	37	1,270	34.32
Park	72	3,750	52.10	68	3,620	53.24
Phillips	662	26,485	40.00	503	18,865	37.50
Pitkin	15	590	39.33	19	655	34.47
Prowers	1,102	29,790	27.03	1,231	42,419	34.46
Pueblo	434	21,615	49.80	362	16,460	45.47
Rio Blanco	249	10,545	42.35	200	7,970	39.85
Rio Grande	705	39,240	55.66	592	31,175	52.66
Routt	---	---	---	---	---	---
Saguache	287	11,000	38.33	300	10,940	36.47
San Juan	31	1,345	43.39	29	1,195	41.21
San Miguel	42	1,945	46.31	38	1,685	44.34
Sedgwick	424	19,155	45.18	319	14,405	45.16
Summit	8	400	50.00	2	100	50.00
Teller	50	2,700	54.00	41	2,270	55.37
Washington	819	23,280	28.43	688	19,205	27.92
Weld	2,328	116,000	49.83	2,119	106,530	50.27
Yuma	1,467	56,890	38.78	1,399	55,480	39.66
State	26,189	\$1,116,295	\$42.63	25,318	\$1,072,270	\$41.92

BEEF CATTLE IN COLORADO, 1928 AND 1929
(From Reports of County Assessors to the State Tax Commission)

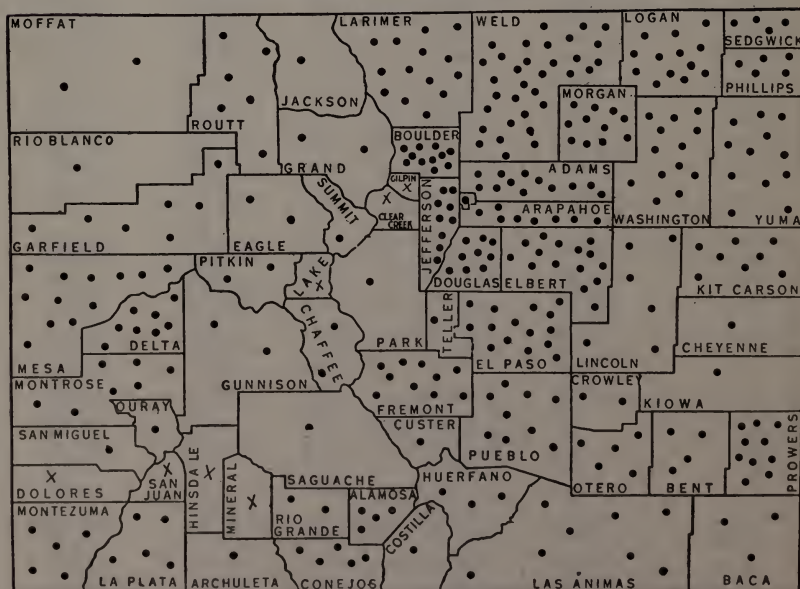
COUNTY	1928			1929		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	5,867	\$ 184,480	\$31.44	4,668	\$ 166,410	\$35.65
Alamosa	6,433	182,190	28.32	6,111	196,990	32.24
Arapahoe	6,044	181,440	30.02	6,851	241,000	35.18
Archuleta	9,147	280,365	30.65	8,779	302,170	34.42
Baca	20,181	596,465	29.56	20,671	712,673	34.48
Bent	13,111	378,445	28.86	12,318	412,755	33.51
Boulder	5,035	160,140	31.81	6,519	221,340	33.95
Chaffee	4,992	146,490	29.34	4,909	163,760	33.36
Cheyenne	14,502	491,635	33.90	18,969	626,274	33.02
Clear Creek	291	8,320	28.60	269	9,345	34.74
Conejos	10,612	297,230	28.01	10,834	368,610	34.02
Costilla	1,787	53,695	30.05	2,130	69,280	32.53
Crowley	10,341	303,195	29.32	9,993	341,000	34.12
Custer	6,809	211,305	31.04	6,934	218,715	31.64
Delta	19,802	577,755	29.18	17,071	577,545	33.83
Denver						
Dolores	4,550	136,975	30.10	3,178	103,165	32.46
Douglas	11,322	340,160	30.05	12,935	480,865	37.18
Eagle	16,319	456,906	28.00	16,475	579,388	35.17
Elbert	19,702	621,221	31.53	20,528	681,398	33.19
El Paso	20,750	611,710	29.49	21,705	749,680	34.54
Fremont	7,522	214,790	28.55	4,252	138,767	32.64
Garfield	22,281	632,695	28.40	21,968	724,810	32.99
Gilpin	592	17,093	28.87	652	20,945	32.12
Grand	10,331	333,500	32.28	10,568	364,360	34.48
Gunnison	29,012	817,890	28.19	27,547	942,560	34.22
Hinsdale	1,742	48,775	28.00	1,373	45,174	32.90
Huerfano	13,059	374,842	28.70	12,129	436,356	35.97
Jackson	27,300	779,500	28.65	26,504	1,055,090	39.81
Jefferson	7,842	238,165	30.37	8,060	276,415	34.29
Kiowa	12,355	355,940	28.81	13,745	461,055	33.54
Kit Carson	15,035	507,120	33.73	15,336	557,895	36.38
Lake	462	13,390	28.99	453	16,430	36.27
La Plata	14,115	404,245	28.64	12,188	398,795	32.72
Larimer	17,085	505,075	29.56	15,927	545,710	34.26
Las Animas	29,928	854,690	28.55	34,373	1,181,236	34.37
Lincoln	27,076	799,815	29.54	27,867	883,690	31.71
Logan	19,000	551,520	29.03	17,864	593,630	33.23
Mesa	31,324	912,060	29.12	32,048	1,032,205	32.21
Mineral	1,035	30,080	29.06	1,384	47,710	34.47
Moffat	11,829	359,019	30.35	12,898	442,750	34.33
Montezuma	10,386	312,300	30.07	9,029	284,085	31.46
Montrose	17,279	488,605	28.28	16,740	540,275	32.27
Morgan	13,443	410,410	30.53	13,809	445,380	32.25
Otero	10,473	314,960	30.07	8,923	316,935	35.52
Ouray	6,137	174,545	28.44	5,878	193,143	32.86
Park	11,342	356,190	31.40	12,468	443,885	35.60
Phillips	3,112	87,300	28.05	3,061	102,785	33.58
Pitkin	5,641	170,107	30.16	4,537	163,495	36.04
Prowers	14,905	434,883	29.17	13,363	437,419	32.73
Pueblo	18,445	567,140	30.70	19,298	659,550	34.18
Rio Blanco	27,952	802,475	28.71	26,400	889,735	33.70
Rio Grande	8,260	239,905	29.04	8,568	279,375	32.61
Routt	25,401	760,370	29.94	27,156	907,990	33.44
Saguache	26,100	772,837	29.61	26,233	881,153	33.59
San Juan	182	5,287	29.05	132	4,670	35.38
San Miguel	7,877	254,740	32.34	6,515	206,860	31.75
Sedgwick	4,837	146,485	30.28	5,808	193,335	33.29
Summit	2,745	90,585	33.00	3,048	102,515	33.63
Teller	3,627	101,770	28.06	3,771	130,830	34.69
Washington	19,605	600,150	30.61	17,574	572,985	32.60
Weld	27,344	814,910	29.80	28,420	974,720	34.30
Yuma	25,110	745,940	29.71	24,609	931,910	37.87
State	796,725	\$23,622,220	\$29.65	794,323	\$27,050,976	\$34.06

DISTRIBUTION OF BEEF CATTLE, 1929



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

DISTRIBUTION OF DAIRY CATTLE, 1929



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

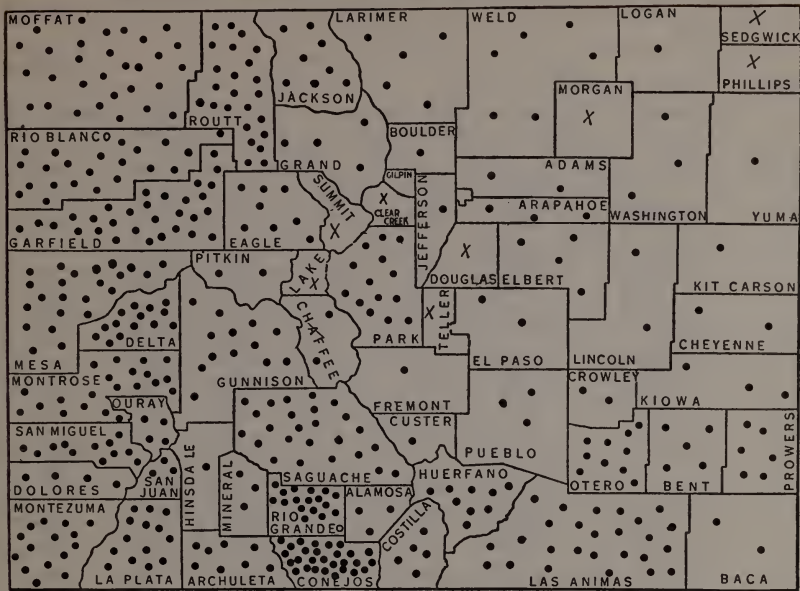
DAIRY CATTLE IN COLORADO, 1928 AND 1929
(From Reports of County Assessors to the State Tax Commission)

COUNTY	1928			1929		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams.....	5,396	\$ 278,730	\$51.65	6,443	\$ 299,490	\$46.48
Alamosa.....	1,173	51,230	43.67	1,144	57,065	49.88
Arapahoe.....	4,543	229,560	50.53	4,077	227,510	55.80
Archuleta.....	510	25,335	49.67	670	33,710	50.31
Baca.....	722	36,100	50.00	1,775	79,300	44.68
Bent.....	1,335	67,440	50.52	1,914	90,495	47.28
Boulder.....	4,789	235,410	49.16	5,557	280,640	50.50
Chaffee.....	963	49,970	51.89	901	41,635	46.21
Cheyenne.....	1,623	81,295	50.09	848	35,000	41.27
Clear Creek.....	110	5,600	50.91	100	5,260	52.60
Conejos.....	1,400	69,995	50.00	1,765	83,825	47.49
Costilla.....	520	26,200	50.38	469	22,345	47.64
Crowley.....	1,028	47,870	46.57	928	46,735	50.36
Custer.....	648	32,360	49.94	772	34,240	44.35
Delta.....	4,253	222,045	52.21	4,372	226,290	51.76
Denver.....	433	23,460	54.18	435	21,380	49.15
Dolores.....	292	14,600	50.00	321	13,500	42.06
Douglas.....	5,265	274,805	52.19	4,851	269,250	55.50
Eagle.....	1,095	54,750	50.00	1,124	56,200	50.00
Elbert.....	6,579	330,583	50.25	7,462	364,010	48.78
El Paso.....	5,329	276,550	51.90	7,536	374,160	49.65
Freemont.....	1,177	60,630	51.51	4,962	216,750	43.68
Garfield.....	3,435	172,125	50.11	3,456	173,030	50.07
Gilpin.....	57	2,300	40.00	44	1,830	41.59
Grand.....	1,000	49,945	49.94	1,087	54,975	50.57
Gunnison.....	1,194	59,800	50.08	1,198	69,585	58.08
Hinsdale.....	46	2,300	50.00	78	3,140	40.13
Huerfano.....	1,442	72,435	50.23	1,823	91,155	50.01
Jackson.....	750	37,500	50.00	800	40,000	50.00
Jefferson.....	5,146	259,670	50.46	4,959	247,270	49.86
Kiowa.....	499	24,950	50.00	474	23,700	50.00
Kit Carson.....	3,432	160,380	46.73	4,345	211,626	48.70
Lake.....	151	7,730	51.52	161	8,470	52.61
La Plata.....	2,352	118,100	50.21	2,786	136,860	49.12
Larimer.....	5,826	298,650	51.26	6,955	347,740	49.99
Las Animas.....	1,768	88,606	50.12	3,902	159,875	40.97
Lincoln.....	2,010	100,505	50.00	3,272	132,490	40.49
Logan.....	7,005	350,255	50.00	6,856	331,040	48.28
Mesa.....	6,210	294,880	47.50	6,345	317,250	50.00
Mineral.....	78	3,925	50.32	83	3,475	41.87
Moffat.....	804	39,240	48.80	1,150	48,300	42.00
Montezuma.....	2,600	127,220	48.93	2,648	131,855	49.79
Montrose.....	3,020	152,815	50.60	3,598	173,440	48.20
Morgan.....	4,400	224,820	51.10	5,424	251,450	46.36
Otero.....	2,833	143,475	50.64	3,469	172,455	49.71
Ouray.....	397	19,850	50.00	414	20,720	50.05
Park.....	672	32,520	48.39	706	35,120	49.75
Phillips.....	2,816	113,325	40.24	2,818	114,255	40.54
Pitkin.....	572	28,600	50.00	1,023	40,920	40.00
Prowers.....	2,122	97,280	45.84	4,931	225,366	45.70
Pueblo.....	3,692	173,875	47.10	4,843	221,685	45.77
Rio Blanco.....	913	45,730	50.09	846	37,505	44.33
Rio Grande.....	1,425	70,203	49.27	1,340	67,320	50.24
Routt.....	3,131	156,790	50.08	3,262	163,740	50.20
Saguache.....	756	37,800	50.00	764	38,200	50.00
San Juan.....	29	1,180	40.69	25	1,035	41.40
San Miguel.....	840	42,000	50.00	745	37,180	49.91
Sedgwick.....	1,726	85,570	49.58	1,928	91,590	47.51
Summit.....	412	16,480	40.00	417	16,680	40.00
Teller.....	554	27,700	50.00	638	26,290	41.21
Washington.....	2,911	146,185	50.22	6,743	282,948	41.96
Weld.....	16,228	806,210	49.68	16,830	800,610	47.57
Yuma.....	4,037	202,680	50.21	6,244	274,400	43.95
State.....	148,474	\$7,390,172	\$49.78	177,856	\$8,505,365	\$47.82

SHEEP IN COLORADO, 1928 AND 1929
(From Reports of County Assessors to the State Tax Commission)

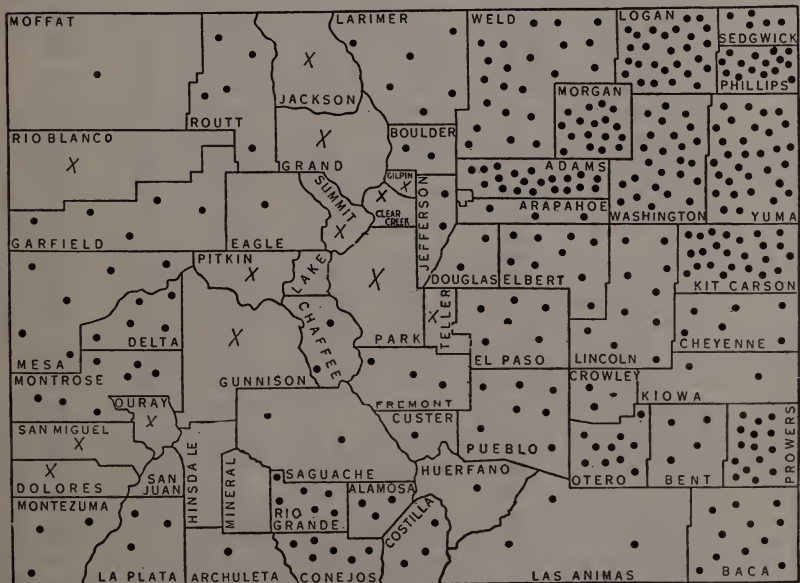
COUNTY	1928			1929		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams.....	5,043	\$ 40,350	\$ 8.00	6,426	\$ 51,410	\$ 8.00
Alamosa.....	13,642	111,170	8.15	9,225	74,045	8.03
Arapahoe.....	4,650	37,205	8.00	8,426	67,410	8.00
Archuleta.....	26,010	213,205	8.20	25,340	205,575	8.12
Baca.....	7,335	58,680	8.00	7,138	57,104	8.00
Bent.....	15,583	124,665	8.00	17,611	127,375	7.23
Boulder.....	2,535	20,280	8.00	4,200	30,450	7.25
Chaffee.....	5,190	46,910	9.04	5,075	41,520	8.18
Cheyenne.....	7,395	59,715	8.08	7,732	57,610	7.45
Clear Creek.....	592	4,740	8.01	276	1,710	6.19
Conejos.....	72,327	580,865	8.03	85,339	675,400	7.91
Costilla.....	17,048	136,385	8.00	16,634	128,145	7.70
Crowley.....	5,100	44,430	8.71	6,400	41,620	6.50
Custer.....	4,458	36,160	8.11	4,758	34,965	7.35
Delta.....	42,620	347,355	8.15	42,455	350,825	8.26
Denver.....	-----	-----	-----	-----	-----	-----
Dolores.....	11,777	98,640	8.38	13,033	90,915	6.98
Douglas.....	1,814	14,510	8.00	1,798	14,395	8.01
Eagle.....	23,664	189,312	8.00	26,958	215,664	8.00
Elbert.....	10,390	83,132	8.00	12,684	80,753	6.37
El Paso.....	9,691	77,530	8.00	6,750	51,230	7.59
Fremont.....	2,445	19,560	8.00	2,761	17,514	6.34
Garfield.....	66,170	530,465	8.02	89,181	713,970	8.01
Gilpin.....	775	6,200	8.00	-----	-----	-----
Grand.....	19,733	157,865	8.00	14,044	106,270	7.57
Gunnison.....	37,337	313,415	8.40	40,932	324,770	7.93
Hinsdale.....	5,590	44,720	8.00	2,893	16,660	5.76
Huerfano.....	28,445	227,970	8.01	28,544	211,387	7.41
Jackson.....	19,980	159,860	8.00	25,286	167,040	6.61
Jefferson.....	2,336	18,690	8.00	4,570	29,880	6.54
Kiowa.....	7,894	63,160	8.00	9,525	58,545	6.15
Kit Carson.....	2,776	22,230	8.01	3,488	25,464	7.30
Lake.....	24	205	8.54	6	40	6.66
La Plata.....	31,644	253,145	8.00	41,117	239,330	5.82
Larimer.....	11,798	103,830	8.00	16,173	116,540	7.21
Las Animas.....	63,807	511,022	8.08	78,703	616,164	7.83
Lincoln.....	9,621	76,970	8.00	8,238	63,080	7.65
Logan.....	2,900	23,200	8.00	3,730	14,810	3.97
Mesa.....	65,030	520,240	8.00	70,202	551,410	7.85
Mineral.....	9,129	77,270	8.46	10,707	82,260	7.68
Moffat.....	77,882	642,396	8.25	91,411	624,310	6.83
Montezuma.....	43,395	351,705	8.10	46,872	327,740	6.99
Montrose.....	48,988	405,700	8.28	64,219	452,660	7.05
Morgan.....	2,300	18,400	8.00	1,490	6,670	4.48
Otero.....	25,835	210,725	8.16	30,555	200,575	6.56
Ouray.....	11,698	93,594	8.00	13,405	101,000	7.53
Park.....	39,820	318,560	8.00	42,972	337,820	7.86
Phillips.....	96	960	10.00	101	820	8.12
Pitkin.....	5,654	45,531	8.05	8,992	71,705	7.97
Prowers.....	407	3,260	8.00	20,640	76,261	3.69
Pueblo.....	9,711	77,910	8.03	10,089	70,880	7.03
Rio Blanco.....	69,066	552,530	8.00	67,988	544,070	8.00
Rio Grande.....	35,236	294,411	8.36	48,344	320,235	6.62
Routt.....	63,332	511,320	8.07	72,495	531,640	7.33
Saguache.....	79,636	662,505	8.32	77,226	619,582	8.02
San Juan.....	7,556	62,989	8.02	9,214	70,743	7.68
San Miguel.....	33,414	267,310	8.00	35,946	277,970	7.73
Sedgwick.....	567	4,535	8.00	261	1,895	7.26
Summit.....	640	5,120	8.00	990	7,920	8.00
Teller.....	240	2,020	8.42	209	1,545	7.39
Washington.....	12,460	99,770	8.01	11,244	78,560	6.99
Weld.....	17,244	138,720	8.04	19,641	144,170	7.34
Yuma.....	1,088	8,860	8.14	3,723	22,510	6.31
State.....	1,260,863	\$10,234,087	\$ 8.12	1,436,385	\$10,644,536	\$ 7.41

DISTRIBUTION OF SHEEP, 1929



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

DISTRIBUTION OF SWINE, 1929



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

SWINE IN COLORADO, 1928 AND 1929, AND ALL OTHER ANIMALS IN 1929
(From Reports of County Assessors to the State Tax Commission)

COUNTY	SWINE						ALL OTHER ANIMALS, 1929	
	1928			1929			Number	Assessed Value
	Number	Assessed Value	Av. Per Head	Number	Assessed Value	Av. Per Head		
Adams-----	10,994	\$ 116,930	\$10.64	11,065	\$ 99,780	\$ 9.02	1,036	\$ 12,170
Alamosa-----	1,612	17,475	10.84	1,508	17,655	11.71	-----	-----
Arapahoe-----	2,213	18,315	8.28	1,702	13,925	8.18	3,793	10,465
Archuleta-----	518	3,630	7.01	412	3,170	7.69	706	2,140
Baca-----	4,127	37,940	9.19	5,792	50,043	8.64	141	2,636
Bent-----	2,268	17,990	7.93	1,902	20,000	10.52	-----	-----
Boulder-----	1,887	17,690	9.37	1,362	14,330	10.52	800	16,150
Chaffee-----	1,286	11,740	9.13	1,213	11,400	9.40	278	3,740
Cheyenne-----	2,198	24,485	11.14	3,124	33,680	10.78	53	2,605
Clear Creek-----	-----	-----	-----	9	110	12.00	28	200
Conejos-----	2,295	24,355	10.61	3,147	27,895	8.91	-----	-----
Costilla-----	1,981	19,320	9.75	1,472	14,740	10.01	318	2,395
Crowley-----	1,474	14,845	10.07	1,737	16,650	9.59	48	1,470
Custer-----	560	4,220	7.54	525	3,875	7.38	81	5,860
Delta-----	3,231	29,125	9.01	2,667	22,960	8.61	6,480	17,240
Denver-----	-----	-----	-----	-----	-----	-----	1,500	15,770
Dolores-----	157	1,435	9.14	116	1,040	8.97	98	965
Douglas-----	1,187	12,975	10.93	1,194	13,635	11.42	1,321	23,455
Eagle-----	581	6,972	12.00	525	6,300	12.00	34	1,842
Elbert-----	6,227	56,951	9.15	4,851	50,354	10.38	54	551
El Paso-----	3,504	34,590	9.87	3,312	32,900	9.93	689	30,550
Fremont-----	1,147	9,862	8.60	1,483	12,807	8.64	242	1,406
Garfield-----	2,396	23,810	9.94	2,648	25,340	9.57	94	7,050
Gilpin-----	2	20	10.00	6	65	11.00	123	7,065
Grand-----	147	1,470	10.00	121	1,210	10.00	6	450
Gunnison-----	282	2,350	8.33	281	2,445	8.70	382	3,295
Hinsdale-----	12	80	6.67	-----	-----	-----	8	40
Huerfano-----	713	5,834	8.18	615	5,047	8.21	505	1,640
Jackson-----	83	980	11.81	92	990	10.76	16	1,190
Jefferson-----	876	8,475	9.78	998	9,365	9.38	1,662	102,160
Kiowa-----	777	8,305	10.69	1,044	13,395	12.83	977	10,095
Kit Carson-----	8,533	87,185	10.22	12,047	123,235	10.23	67	634
Lake-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata-----	2,529	16,985	6.72	1,704	13,240	7.77	922	6,425
Larimer-----	3,106	29,260	9.72	3,363	32,340	9.62	141	8,630
Las Animas-----	1,300	13,110	10.08	1,838	14,404	7.84	4,846	17,595
Lincoln-----	4,836	48,840	10.10	5,148	50,095	9.73	-----	-----
Logan-----	13,000	110,645	8.51	13,600	126,790	9.32	2,109	7,960
Mesa-----	5,220	64,120	12.28	3,220	35,505	11.03	1,920	9,865
Mineral-----	1	10	10.00	-----	-----	-----	8	200
Moffat-----	784	7,045	8.99	695	6,920	9.96	103	720
Montezuma-----	1,807	12,120	6.71	1,473	9,430	6.40	206	2,925
Montrose-----	2,987	25,815	8.64	3,440	31,227	9.08	48	3,600
Morgan-----	7,639	77,320	10.12	8,644	82,180	9.51	35	2,620
Otero-----	4,631	42,640	9.21	5,106	44,610	8.74	1,185	5,790
Ouray-----	405	2,835	7.00	244	1,690	6.93	-----	-----
Park-----	43	480	11.16	45	530	11.78	178	1,600
Phillips-----	6,613	73,975	11.19	7,643	77,315	10.25	16	1,425
Pitkin-----	410	3,329	8.12	261	2,540	9.73	122	3,165
Prowers-----	4,941	39,114	7.92	7,875	69,293	9.40	386	3,845
Pueblo-----	3,598	26,485	7.36	3,576	26,965	7.54	376	3,030
Rio Blanco-----	454	4,540	10.00	383	3,830	10.00	-----	-----
Rio Grande-----	3,412	40,582	11.89	3,130	37,660	12.03	560	18,815
Routt-----	1,845	16,360	8.86	2,216	14,390	6.50	240	1,960
Saguache-----	1,072	16,069	14.98	917	12,314	13.43	662	1,614
San Juan-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	487	4,150	8.52	237	2,440	10.30	197	4,625
Sedgwick-----	3,775	43,755	11.59	3,957	48,805	12.33	55	1,520
Summit-----	32	480	15.00	25	375	15.00	18	1,350
Teller-----	61	570	9.34	98	900	9.19	26	750
Washington-----	10,979	103,072	9.39	12,696	125,540	9.89	102	1,295
Weld-----	10,677	101,360	9.49	11,067	115,390	10.43	941	38,450
Yuma-----	12,297	130,870	10.64	15,559	168,040	10.80	38	2,560
State-----	172,209	\$1,675,270	\$ 9.73	184,530	\$1,803,099	\$ 9.77	36,980	\$437,563

**AVERAGE VALUE OF HORSES AND MULES PER HEAD AS RETURNED BY
COUNTY ASSESSORS FOR 1914, 1919, 1928, 1929**

COUNTY	HORSES				MULES			
	1929	1928	1919	1914	1929	1928	1919	1914
Adams	\$35.29	\$36.13	\$87.30	\$73.58	\$36.04	\$36.67	\$113.50	\$93.64
Alamosa	56.15	59.86	73.33	43.74	71.96	78.31	111.90	81.57
Arapahoe	35.24	33.66	68.36	62.86	41.94	41.18	84.73	82.05
Archuleta	33.39	35.64	61.72	44.12	41.18	41.09	60.00	63.71
Baca	19.85	23.05	45.00	34.20	26.65	30.52	60.00	45.97
Bent	28.22	28.09	57.71	58.20	39.07	35.06	70.25	68.11
Boulder	41.15	42.63	113.04	83.55	53.16	51.39	114.81	88.59
Chaffee	47.37	45.81	62.88	55.67	27.50	56.00	85.00	100.00
Cheyenne	25.80	26.12	59.09	40.61	32.91	35.18	81.56	73.34
Clear Creek	38.30	38.36	66.39	70.03	30.00	28.75	62.50	112.50
Conejos	39.79	39.44	75.40	66.50	46.92	49.13	87.00	98.53
Costilla	37.14	43.27	74.50	46.12	40.72	44.28	76.68	100.73
Crowley	35.19	34.98	67.61	70.03	47.81	48.40	84.74	94.80
Custer	29.25	29.67	67.51	60.36	30.52	30.50	67.80	53.21
Delta	35.52	36.96	85.01	75.17	42.60	41.08	95.20	102.97
Denver	74.07	44.74	100.00	63.79	58.55	84.06	100.00	77.16
Dolores	29.77	32.75	78.72	67.70	29.45	29.38	105.78	80.83
Douglas	51.55	50.57	68.79	64.17	52.30	58.25	97.10	63.15
Eagle	41.88	41.81	81.94	66.91	51.47	54.09	78.30	96.15
Elbert	33.41	34.56	68.20	56.00	39.72	39.18	87.89	72.37
El Paso	29.49	28.00	67.00	60.19	34.86	35.19	89.00	82.92
Fremont	30.73	32.60	53.72	56.64	49.18	57.00	78.00	72.75
Garfield	38.15	39.15	72.03	65.20	43.56	44.65	96.42	78.77
Gilpin	33.70	35.69	60.48	58.22	30.00	26.25	75.00	56.00
Grand	29.72	28.76	64.08	55.01	46.21	32.88	62.66	67.27
Gunnison	38.94	39.45	70.06	61.99	48.30	51.13	104.89	100.48
Hinsdale	32.93	31.87	58.00	52.09	....	....	53.00	66.66
Huerfano	28.77	30.23	64.50	74.11	80.32	83.10	122.00	97.91
Jackson	18.69	19.45	48.88	61.53	27.47	32.20	84.68	72.76
Jefferson	32.06	32.52	71.19	75.13	42.92	48.45	102.45	110.00
Kiowa	40.00	40.00	59.65	45.57	40.00	40.00	95.04	93.09
Kit Carson	28.59	27.76	52.13	58.58	33.02	30.58	58.04	66.02
Lake	37.00	36.67	73.95	88.15	25.00	....	73.20	....
La Plata	30.55	30.86	69.20	67.54	41.17	31.32	72.28	64.73
Larimer	35.20	41.52	112.00	87.30	52.00	51.90	123.40	111.74
Las Animas	21.74	20.98	49.70	61.00	52.74	70.34	103.00	93.16
Lincoln	23.01	22.63	54.83	52.33	30.31	28.74	89.52	67.20
Logan	35.40	36.84	93.29	66.24	41.66	41.24	106.98	87.25
Mesa	35.15	37.32	73.29	60.26	42.06	47.59	87.82	86.92
Mineral	26.48	27.14	54.71	48.72	53.33	56.25	84.00	35.00
Moffat	18.41	20.04	63.00	50.60	31.23	33.07	85.40	105.84
Montezuma	31.54	32.65	71.20	90.00	34.65	35.72	82.60	100.00
Montrose	37.37	38.25	81.39	71.77	38.23	39.25	98.89	94.19
Morgan	37.00	38.50	87.84	80.40	42.52	44.56	95.56	105.34
Otero	35.05	30.41	74.41	75.82	52.01	44.04	98.78	103.63
Ouray	30.56	32.97	55.95	68.87	34.32	44.44	62.04	71.71
Park	39.93	40.20	71.14	60.99	53.24	52.10	81.80	117.20
Phillips	32.36	38.87	66.40	58.09	37.50	40.00	83.87	74.07
Pitkin	36.47	40.32	71.29	64.98	34.47	39.33	101.33	50.00
Prowers	28.25	37.62	62.00	61.15	34.46	27.03	80.00	78.79
Pueblo	38.55	40.07	68.70	60.07	45.47	49.80	100.89	83.09
Rio Blanco	31.73	31.40	57.94	55.86	39.85	42.35	92.30	93.57
Rio Grande	47.37	49.36	75.70	72.30	52.66	55.66	113.08	107.43
Routt	38.02	36.99	75.58	68.79	....	....	93.00	90.27
Saguache	32.50	34.20	51.00	36.94	36.47	38.33	80.00	62.76
San Juan	70.64	48.11	68.25	72.57	41.21	43.39	76.81	74.25
San Miguel	46.42	47.73	81.00	70.99	44.34	46.31	79.59	81.00
Sedgwick	41.99	40.67	62.05	68.45	45.16	45.18	88.10	81.10
Summit	40.00	43.00	80.24	64.78	50.00	50.00	75.00	77.14
Teller	39.71	39.69	57.06	54.38	55.37	54.00	83.20	74.03
Washington	24.87	25.80	59.19	62.47	27.92	28.43	79.02	84.53
Weld	42.26	42.06	89.34	80.86	50.27	49.83	100.26	101.33
Yuma	35.00	33.71	60.00	58.03	39.66	38.78	72.00	67.58
State	\$33.75	\$34.23	\$71.16	\$65.08	\$41.92	\$42.63	\$88.56	\$85.03

**AVERAGE VALUE OF RANGE CATTLE AND MILK COWS PER HEAD AS
RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1928, 1929**

COUNTY	RANGE CATTLE				MILK COWS			
	1929	1928	1919	1914	1929	1928	1919	1914
Adams	\$35.65	\$31.44	\$43.00	\$32.01	\$46.48	\$51.65	\$78.28	\$52.17
Alamosa	32.24	28.32	44.24	35.05	49.88	43.67	75.14	53.00
Arapahoe	35.18	30.02	41.29	30.79	55.80	50.53	78.30	55.40
Archuleta	34.42	30.65	45.00	25.40	50.31	49.67	67.20	42.31
Baca	34.48	29.56	41.00	26.56	44.68	50.00	66.00	....
Bent	33.51	28.86	41.88	35.45	47.28	50.52	62.26	58.25
Boulder	33.95	31.81	52.08	28.67	50.50	49.16	74.60	50.84
Chaffee	33.36	29.34	42.47	32.49	46.21	51.89	68.29	48.62
Cheyenne	33.02	33.90	45.87	39.85	41.27	50.09	65.27	....
Clear Creek	34.74	28.60	41.44	40.39	52.60	50.91	65.10	50.00
Conejos	34.02	28.01	42.00	37.46	47.49	50.00	65.00	45.00
Costilla	32.53	30.05	43.00	36.62	47.64	50.38	76.23	50.27
Crowley	34.12	29.32	44.85	34.70	50.36	46.57	66.77	48.29
Custer	31.54	31.04	41.85	35.06	44.35	49.94	60.13	43.98
Delta	33.83	29.18	45.05	35.42	51.76	52.21	78.66	63.00
Denver .....	....	....	....	....	49.15	54.18	80.00	47.95
Dolores	32.46	30.10	45.57	33.67	42.06	50.00	69.86	44.59
Douglas	37.18	30.05	47.50	32.34	55.50	52.19	77.62	50.52
Eagle	35.17	28.00	44.87	33.50	50.00	50.00	71.75	46.53
Elbert	33.19	31.53	43.66	26.27	48.78	50.25	68.47	43.16
El Paso	34.54	29.49	42.71	31.96	49.65	51.90	61.00	52.74
Fremont	32.64	28.55	42.70	30.26	43.68	51.51	72.00	44.71
Garfield	32.99	28.40	42.61	34.50	50.07	50.11	68.39	48.25
Gilpin	32.12	28.87	40.00	30.14	41.59	40.00	60.00	....
Grand	34.48	32.28	45.27	37.24	50.57	49.94	66.38	50.00
Gunnison	34.22	28.19	47.97	36.66	58.08	50.08	71.00	....
Hinsdale	32.90	28.00	42.00	30.29	40.13	50.00	64.00	50.16
Huerfano	35.97	28.70	42.00	36.61	50.01	50.23	95.00	....
Jackson	39.81	28.65	44.99	39.99	50.00	50.00	65.00	55.00
Jefferson	34.29	30.37	46.17	35.91	49.86	50.46	80.00	60.13
Kiowa	33.54	28.81	44.92	35.25	50.00	50.00	64.75	....
Kit Carson	36.38	33.73	42.95	29.53	48.70	46.73	61.14	42.63
Lake	36.27	28.99	42.53	34.60	52.61	51.52	64.92	58.24
La Plata	32.72	28.64	40.40	30.26	49.12	50.21	69.77	50.49
Larimer	34.26	29.56	42.25	31.83	49.99	51.26	77.00	51.30
Las Animas	34.37	28.55	44.00	32.50	40.97	50.12	74.00	56.89
Lincoln	31.71	29.54	44.13	33.15	40.49	50.00	65.06	....
Logan	33.23	29.03	48.21	35.14	48.28	50.00	72.61	50.25
Mesa	32.21	29.12	43.20	36.66	50.00	47.50	70.16	48.67
Mineral	34.47	29.06	40.00	29.98	41.87	50.32	65.77	46.40
Moffat	34.33	30.35	42.50	39.01	42.00	48.80	65.00	....
Montezuma	31.46	30.07	42.33	32.71	49.79	48.93	66.81	45.02
Montrose	32.27	28.28	46.44	35.42	48.20	50.60	72.54	58.26
Morgan	32.25	30.53	41.71	41.77	46.36	51.10	65.38	48.14
Otero	35.52	30.07	43.22	42.35	49.71	50.64	71.36	58.50
Ouray	32.86	28.44	42.26	35.07	50.05	50.00	64.83	44.88
Park	35.60	31.40	44.09	35.00	49.75	48.39	65.00	55.00
Phillips	33.58	28.05	45.26	35.01	40.54	40.24	62.85	48.69
Pitkin	36.04	30.16	48.20	30.60	40.00	50.00	75.00	55.00
Prowers	32.73	29.17	41.70	32.23	45.70	45.84	73.50	59.26
Pueblo	34.18	30.70	45.73	36.02	45.77	47.10	72.52	51.39
Rio Blanco	33.70	28.71	44.00	35.73	44.33	50.09	70.23	53.57
Rio Grande	32.61	29.04	40.61	34.78	50.24	49.27	70.00	50.64
Routt	33.44	29.94	58.65	36.65	50.20	50.08	72.45	50.50
Saguache	33.59	29.61	39.55	33.67	50.00	50.00	60.00	....
San Juan	35.38	29.05	47.21	....	41.40	40.69	65.16	57.10
San Miguel	31.75	32.34	47.96	38.00	49.91	50.00	76.90	63.86
Sedgwick	33.29	30.28	41.60	35.21	47.51	49.58	69.13	49.58
Summit	33.63	33.00	54.66	35.16	40.00	40.00	75.00	....
Teller	34.69	28.06	40.17	33.41	41.21	50.00	60.09	46.05
Washington	32.60	30.61	41.88	35.23	41.96	50.22	75.30	61.76
Weld	34.30	29.80	44.38	35.35	47.57	49.68	75.18	51.87
Yuma	37.87	29.71	41.25	35.23	43.95	50.21	65.37	....
State	\$34.06	\$29.65	\$44.30	\$34.74	\$47.82	\$49.78	\$71.06	\$51.10

**AVERAGE VALUE OF SHEEP AND SWINE PER HEAD AS RETURNED BY COUNTY
ASSESSORS IN 1914, 1919, 1928, 1929**

COUNTY	SHEEP				SWINE			
	1929	1928	1919	1914	1929	1928	1919	1914
Adams	\$ 8.00	\$ 8.00	\$ 7.39	\$ 3.02	\$ 9.02	\$10.64	\$15.06	\$ 9.03
Alamosa	8.03	8.15	10.20	2.47	11.71	10.84	16.96	8.30
Arapahoe	8.00	8.00	10.00	3.50	8.18	8.28	15.00	9.31
Archuleta	8.12	8.20	10.00	3.00	7.69	7.01	10.50	5.89
Baca	8.00	8.00	9.00	2.50	8.64	9.19	12.00	4.45
Bent	7.23	8.00	9.40	2.64	10.52	7.93	9.77	5.89
Boulder	7.25	8.00	9.34	3.33	10.52	9.37	16.47	10.29
Chaffee	8.18	9.04	10.00	3.88	9.40	9.13	11.19	6.21
Cheyenne	7.45	8.08	10.01	3.00	10.78	11.14	20.67	7.58
Clear Creek	6.19	8.01	10.00	....	12.00	....	18.12	....
Conejos	7.91	8.03	10.00	2.74	8.91	10.61	13.00	6.48
Costilla	7.70	8.00	10.27	3.00	10.01	9.75	14.00	7.17
Crowley	6.50	8.71	8.23	3.06	9.59	10.07	12.93	5.94
Custer	7.35	8.11	10.00	2.62	7.38	7.54	13.48	5.10
Delta	8.26	8.15	11.16	3.99	8.61	9.01	12.53	7.66
Denver .....	....	....	....	....	....	....	....	....
Dolores	6.98	8.38	10.53	4.00	8.97	9.14	12.90	7.33
Douglas	8.01	8.00	10.00	....	11.42	10.93	15.04	7.90
Eagle	8.00	8.00	9.80	2.99	12.00	12.00	12.16	5.41
Elbert	6.37	8.00	9.55	2.39	10.38	9.15	16.35	7.09
El Paso	7.59	8.00	10.00	2.49	9.93	9.87	16.47	7.44
Freemont	6.34	8.00	....	....	8.64	8.60	13.80	6.59
Garfield	8.01	8.02	10.00	3.96	9.57	9.94	10.70	5.17
Gilpin .....	....	8.00	10.00	....	11.00	10.00	20.00	....
Grand	7.57	8.00	10.00	2.51	10.00	10.00	13.96	5.00
Gunnison	7.93	8.40	11.91	4.00	8.70	8.33	13.59	7.61
Hinsdale	5.76	8.00	10.00	3.64	....	6.67	7.00	5.00
Huerfano	7.41	8.01	10.00	3.04	8.21	8.18	15.00	6.23
Jackson	6.61	8.00	10.07	2.70	10.76	11.81	12.24	10.00
Jefferson	6.54	8.00	10.00	4.02	9.38	9.78	17.00	9.00
Kiowa	6.15	8.00	10.00	3.00	12.83	10.69	17.75	7.54
Kit Carson	7.30	8.01	10.88	3.03	10.23	10.22	15.94	7.88
Lake	6.66	8.54	11.60	2.55	....	....	....	....
La Plata	5.82	8.00	10.15	2.74	7.77	6.72	11.47	6.26
Larimer	7.21	8.00	10.26	2.48	9.62	9.72	19.00	8.12
Las Animas	7.83	8.08	10.00	3.49	7.84	10.08	9.00	12.65
Lincoln	7.65	8.00	10.07	2.49	9.73	10.10	15.35	6.77
Logan	3.97	8.00	10.81	4.06	9.32	8.51	15.63	9.11
Mesa	7.85	8.00	10.85	3.93	11.03	12.28	....	6.82
Mineral	7.68	8.46	10.00	3.49	....	10.00	11.25	....
Moffat	6.83	8.25	11.20	3.99	9.96	8.99	12.00	5.93
Montezuma	6.99	8.10	10.35	4.00	6.40	6.71	11.21	10.00
Montrose	7.05	8.28	13.03	3.57	9.08	8.64	12.86	5.71
Morgan	4.48	8.00	10.00	2.65	9.51	10.12	14.14	8.08
Otero	6.56	8.16	9.72	2.71	8.74	9.21	13.57	7.26
Ouray	7.53	8.00	15.70	3.96	6.93	7.00	10.52	6.24
Park	7.86	8.00	9.47	2.75	11.78	11.16	15.40	11.78
Phillips	8.12	10.00	....	....	10.25	11.19	16.56	9.90
Pitkin	7.97	8.05	10.00	1.84	9.73	8.12	14.00	5.51
Prowers	3.69	8.00	8.16	2.35	9.40	7.92	14.20	6.13
Pueblo	7.03	8.03	12.75	3.71	7.54	7.36	14.19	6.17
Rio Blanco	8.00	8.00	12.02	....	10.00	10.00	13.27	7.59
Rio Grande	6.62	8.36	10.03	3.56	12.03	11.89	16.10	8.41
Routt	7.33	8.07	12.50	3.50	6.50	8.86	17.95	8.20
Saguache	8.02	8.32	10.00	2.47	13.43	14.98	15.52	8.30
San Juan	7.68	8.02	10.01	3.97	....	....	....	....
San Miguel	7.73	8.00	10.72	2.53	10.30	8.52	14.25	7.44
Sedgwick	7.26	8.00	5.97	2.79	12.33	11.59	18.23	10.65
Summit	8.00	8.00	12.00	4.00	15.00	15.00	15.00	10.00
Teller	7.39	8.42	....	....	9.19	9.34	10.93	5.90
Washington	6.99	8.01	9.05	3.39	9.89	9.39	15.79	8.83
Weld	7.34	8.04	11.14	2.67	10.43	9.49	14.90	8.44
Yuma	6.31	8.14	10.10	2.88	10.80	10.64	18.90	8.24
State	\$ 7.41	\$ 8.12	\$10.46	\$ 3.12	\$ 9.77	\$ 9.73	\$15.14	\$ 7.86

ASSESSED VALUE OF LIVESTOCK IN COLORADO, 1929 AND 1928
(Compiled from Records of the State Tax Commission)

COUNTY	Horses 1929	Mules 1929	Range Cattle 1929	Milk Cows 1929	Sheep 1929	Swine 1929	All Other Animals 1929	Total 1929	Total 1928
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Adams	209,830	15,570	166,410	299,490	51,410	99,780	12,170	854,660	865,380
Alamosa	92,475	11,800	196,990	57,065	74,045	17,655	.....	450,030	485,510
Arapahoe	100,400	7,550	271,000	227,510	67,410	13,925	10,465	668,260	581,270
Archuleta	38,235	2,265	302,170	33,710	205,575	3,170	2,140	587,265	564,220
Baca	159,772	32,673	712,673	79,300	57,104	50,043	2,636	1,094,201	932,225
Bent	120,630	20,355	412,755	90,495	127,375	20,000	791,610	719,930	719,930
Boulder	159,460	19,990	221,340	280,640	30,450	14,330	16,150	742,360	695,530
Chaffee	41,540	385	163,760	41,635	41,520	11,400	3,740	303,980	314,175
Cheyenne	80,270	13,890	626,274	35,000	67,610	33,680	2,605	849,329	803,065
Clear Creek	7,275	60	9,345	5,260	1,710	23,960	200	23,960	27,895
Conejos	86,920	13,465	368,610	83,825	675,400	27,895	.....	1,255,815	1,079,110
Costilla	49,980	3,380	69,280	22,345	128,145	14,740	2,395	290,265	291,370
Crowley	93,720	19,840	341,000	46,735	41,620	16,650	1,470	561,035	536,895
Custer	32,735	1,465	218,715	34,240	34,965	3,875	5,860	331,855	319,465
Delta	138,610	15,295	577,545	226,290	350,825	22,960	17,240	1,348,765	1,351,340
Denver	31,260	3,630	.....	21,380	.....	.....	15,770	72,040	55,270
Dolores	12,295	2,470	103,165	13,500	90,915	1,040	965	224,950	276,265
Douglas	102,175	3,975	480,865	269,250	14,395	13,635	23,455	907,750	760,790
Eagle	97,290	4,015	579,388	56,200	215,664	6,300	1,842	960,699	818,370
Elbert	204,800	33,565	681,338	364,010	80,753	50,354	551	1,415,431	1,340,142
El Paso	148,560	42,670	749,680	374,160	51,230	32,900	30,550	1,429,750	1,231,300
Fremont	42,105	8,902	138,767	216,750	17,514	12,807	1,406	438,251	365,741
Garfield	184,725	11,760	724,810	173,030	713,970	25,340	7,050	1,840,685	1,554,360
Gilpin	5,325	30	20,945	1,830	.....	65	7,065	35,260	31,313
Grand	68,375	1,340	364,360	54,975	106,270	1,210	450	596,980	606,735
Gunnison	104,020	11,255	942,560	69,585	324,770	2,445	3,295	1,457,930	1,315,815
Hinsdale	5,302	.....	45,174	3,140	16,660	.....	40	70,316	101,005
Huerfano	61,995	39,515	436,356	91,155	211,387	5,047	1,640	847,095	796,072
Jackson	47,050	2,170	1,055,090	40,000	167,040	990	1,190	1,313,530	1,029,560
Jefferson	97,790	7,255	276,415	247,270	29,880	9,365	102,160	770,135	642,580
Kiowa	46,120	7,000	461,055	23,700	58,545	13,895	10,095	619,910	516,750
Kitt Carson	256,144	41,545	557,895	211,626	25,464	123,235	634	1,216,543	1,081,135

	9,880	50	16,480	8,470	40	13,240	34,870	32,530
Lake	95,905	7,535	398,795	136,860	239,330	13,240	898,090	900,805
La Plata	314,000	64,690	545,710	347,740	116,540	32,340	1,429,650	1,329,620
Larimer	147,778	71,886	1,181,236	159,875	616,164	14,404	2,208,938	1,703,599
Las Animas	125,510	23,250	883,630	132,490	63,080	50,095	1,278,185	1,186,590
Lincoln	362,200	41,950	593,630	331,040	14,810	126,790	1,478,380	1,476,755
Logan								
Mesa	190,535	17,160	1,032,205	317,250	551,410	35,505	2,153,930	2,035,460
Mineral	8,315	480	47,710	3,475	82,260	...	142,440	121,405
Moffat	97,390	5,715	442,750	48,300	624,310	6,920	1,226,105	1,159,035
Montezuma	75,285	9,460	284,085	131,855	327,740	9,430	840,780	838,065
Montrose	140,840	9,710	540,275	173,440	452,660	31,227	1,351,752	1,217,865
Morgan	308,010	38,270	445,380	251,450	6,670	82,180	1,134,580	1,107,010
Otero	199,595	48,790	316,935	172,455	200,575	44,610	988,750	953,225
Ouray	18,340	1,270	193,143	20,720	101,000	1,690	336,163	313,784
Park	71,520	3,620	443,885	35,120	337,820	530	894,095	784,030
Phillips	116,875	18,865	102,785	114,255	820	77,315	432,340	446,940
Pitkin	32,825	1,855	163,495	40,920	71,705	1,625	315,305	288,032
Prowers	254,432	42,419	437,410	225,368	76,261	69,293	1,109,042	862,942
Pueblo	162,295	16,460	659,550	221,685	70,880	26,965	1,160,865	1,038,705
Rio Blanco	87,375	7,970	889,735	37,505	544,070	3,830	1,570,485	1,512,255
Rio Grande	114,300	31,175	279,375	67,320	320,235	37,660	868,880	830,288
Routt	221,900	.....	907,990	163,740	531,640	14,390	1,841,620	1,676,310
Saguache	83,885	10,940	881,153	38,200	619,582	12,314	1,647,688	1,532,606
San Juan	2,190	1,195	4,670	1,035	70,743	...	79,833	72,996
San Miguel	34,630	1,685	206,860	37,180	277,970	2,440	565,390	615,470
Sedgwick	126,145	14,405	193,335	91,590	1,895	48,805	477,695	438,250
Summit	17,600	100	102,515	16,680	7,920	375	146,540	132,673
Teller	25,535	2,270	130,830	26,290	1,545	900	188,120	166,990
Washington	236,133	19,205	572,985	282,948	78,560	125,540	1,316,666	1,221,812
Weld	972,130	106,530	974,720	800,610	144,170	115,390	3,152,000	3,052,140
Yuma	313,020	55,480	931,910	274,400	22,510	167,940	1,767,820	1,431,470
State	\$ 7,893,333	\$ 1,072,270	\$27,050,976	\$ 8,505,365	\$10,644,536	\$ 1,802,999	\$57,407,042	\$52,656,230

Dairying

DAIRYING ranks as one of Colorado's most important industries, and the production of dairy products is showing a steady and substantial increase. The value of dairy products in 1929 was \$33,134,695, an increase of \$1,681,670 over 1928 and \$4,232,283 over 1927. In the manufacture of butter, cheese and condensed milk Colorado occupied 18th place in 1925 among the states of the Union in the value of products, there being 17 states with a larger output and 30 states with a smaller production of these commodities. Colorado for several years has been a butter, cream and milk exporting state, the value of these products shipped out of the state being in excess of the imports. In the year ending June 30, 1929, the state dairy commissioner reported that the value of cream and milk exported was \$1,719,201, an increase of \$335,054 over exports in the preceding year, and \$777,637 more than imports.

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

(Note—Figures for 1926, 1927 and 1928 have been revised to include excess of exports over imports.)

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

The production of cheese in the factories of the state, as reported by the state dairy commissioner, exclusive of cheese produced on the farms, has shown a steady increase, the total value in 1929 being \$1,023,190, which compares with \$748,131 in 1928 and

\$407,868 in 1927. This was an increase of 36.7 per cent in 1929 over 1928, while 1928 showed an increase of 83.4 per cent over 1927. The production of malted milk also has shown a considerable increase, the value in 1929 being 151.5 per cent greater than in 1928, while 1928 showed an increase of 49.5 per cent over 1927.

Numbers of manufacturing plants in the state on June 30 of the years named as reported by the state dairy commissioner, were as follows:

	1923	1929
Creameries	80	81
Ice cream plants.....	95	84
Cheese factories.....	20	18
Malted and dried milk plants	5	4
Condensaries and evaporated milk plants.....	6	6
Receiving stations.....	417	404
Licensed plants.....	181	178
Licensed operators.....	1,270	1,265

Of the above, 32 creameries made no other product than butter in 1929; 42 ice cream plants made no other product than ice cream; 13 cheese plants made cheese only and one plant made no product other than malted milk.

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

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

The most rapid development in the dairy industry during the past decade

has been in the non-irrigated districts of eastern Colorado. This has been due largely to a change in general farming methods in these districts. Forage crops now are being grown extensively and nearly all farmers are keeping a few dairy cattle to consume this forage. Silos for storing forage for winter feed have been built quite extensively in this region as a part of the dairying program. In 1929 there were 2,028 silos, with an aggregate capacity of 221,133 tons, reported in the state.

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

DAIRY INDUSTRY FOR YEARS ENDING JUNE 30, 1927, 1928 AND 1929
(State Dairy Commissioner)

	1927		1928		1929	
	Quantity	Value	Quantity	Value	Quantity	Value
Butter, lbs.-----	19,200,138	\$ 9,024,065	21,509,392	\$ 9,894,320	21,747,865	\$10,547,715
Ice cream, gals.-----	2,133,570	2,090,899	2,351,847	2,587,032	2,609,031	2,609,031
Ice cream mix-----	395,729	47,487	-----	-----	-----	-----
Cheddar (whole milk) cheese, lbs.-----	867,937	182,267	2,144,200	493,166	3,004,618	639,984
Cheddar (part skim) cheese, lbs.-----	1,025,492	169,206	935,051	174,790	1,281,746	240,968
Brick and Munster cheese, lbs.-----	22,620	4,524	23,505	4,701	23,815	4,763
Limburger cheese, lbs.-----	4,425	885	4,595	919	4,460	892
Italian varieties (including goat cheese) lbs.-----	6,035	1,508	39,600	8,910	39,500	7,900
Cottage cheese, lbs.-----	393,251	43,258	695,865	65,545	989,867	128,683
Cream and Neufchatel cheese, lbs.-----	15,000	3,375	-----	-----	-----	-----
All other varieties, lbs.-----	15,805	2,845	-----	-----	-----	-----
Condensed milk (sweetened) lbs.-----	140,800	12,672	259,257	6,170	138,413	11,073
Evaporated milk (unsweetened) lbs.-----	29,396,822	2,645,714	33,149,720	3,480,721	32,028,612	3,523,147
Condensed skim milk (sweetened) lbs.-----	228,500	13,710	351,301	20,130	488,201	30,513
Evaporated skim milk (unsweetened) lbs.-----	477,830	14,335	737,826	17,255	965,299	26,063
Concentrated skim (animal feed) lbs.-----	-----	-----	20,964	629	-----	-----
Condensed or evaporated buttermilk, lbs.-----	81,250	3,250	62,675	2,256	213,341	7,637
Dried or powdered skim, lbs.-----	338,620	37,248	376,269	41,390	283,403	31,174
Dried or powdered buttermilk, lbs.-----	626,340	47,790	495,695	37,175	569,856	34,191
Malted milk, lbs.-----	708,431	188,726	940,953	282,287	2,536,092	710,106
Value, factory products-----		\$14,533,764		\$17,117,396		\$18,553,840
Milk for fluid use (est.)-----	59,392,200	\$11,284,518	60,905,042	\$11,313,721	60,905,042	\$11,418,477
Farm butter (est.)-----	5,000,000	2,350,000	4,959,271	2,281,264	4,916,992	2,384,741
Total-----		\$13,634,518		\$13,594,985		\$13,803,218
Milk exported, lbs.-----	257,311	\$ 5,687	329,989	\$ 7,128	2,028,640	\$ 44,224
Cream exported (B. F.) lbs.-----	3,519,173	1,407,669	3,278,618	1,377,020	3,806,766	1,674,977
Value exports-----		\$ 1,413,356		\$ 1,384,148		\$ 1,719,201
Milk imported, lbs.-----	581,318	\$ 12,847	1,224,439	\$ 26,448	1,379,858	\$ 30,081
Cream imported (B. F.) lbs.-----	1,655,946	666,378	1,469,178	617,055	2,071,553	911,483
Value imports-----		\$ 679,225		\$ 643,503		\$ 941,564
Recapitulation:						
Factory products-----		\$14,533,764		\$17,117,396		\$18,553,840
Produced and used on farms-----		13,634,518		13,594,985		13,803,218
Excess exports over imports-----		734,130		740,644		777,637
Value all dairy products-----		\$28,902,412		\$31,453,025		\$33,134,695

DAIRY INDUSTRY IN 1923, 1924 AND 1925

(State Dairy Commissioner)

Note—A change in the unit measures used and in the distribution of items was made in the reports for years subsequent to 1925, and data for these years are given in another table.

	Year Ending June 30, 1925		Year Ending June 30, 1924		Year Ending June 30, 1923	
	Quantity	Value	Quantity	Value	Quantity	Value
Butter, lbs.-----	17,460,860	\$ 6,984,323	19,387,908	\$ 8,627,619	15,319,765	\$ 6,587,498
Ice Cream, gals.-----	2,127,984	2,340,733	1,919,030	2,130,123	1,768,168	2,033,393
Condensed milk, cases-----	478,580	1,914,245	413,445	1,763,600	436,848	1,841,028
Cheese, lbs.-----	1,805,445	397,198	2,214,642	509,367	1,407,073	267,343
Ice cream mix, gals.-----	57,716	57,716	309,286	309,286	149,919	151,418
Condensed skim, gals.-----	439,560	96,703	-----	197,455	-----	27,486
Dried milk and dried butter- milk, malted milk, lbs.-----	734,874	146,975	1,167,735	319,968	602,340	292,243
Goat cheese, lbs.-----	61,600	15,400	275,000	82,500	250,000	75,000
Buttermilk, gals.-----	1,223,934	122,393	1,438,290	36,532	487,767	24,388
Other dairy products-----	-----	38,974	-----	27,972	-----	54,680
Total value factory products-----		\$12,114,710		\$14,004,422		\$11,354,477
Est. value milk con- sumed, gals.*-----	54,022,153	\$11,884,875	52,833,156	\$11,522,700	48,390,900	\$ 9,238,790
Est. value farm butter, lbs.-----	6,111,282	1,833,384	6,778,580	3,016,468	6,406,952	2,754,989
Total value all dairy products-----	-----	\$25,832,969	-----	\$28,543,590	-----	\$23,348,256

*Includes milk and butter consumed on farms and not marketed.

DAIRYING AS SHOWN BY THE CENSUS OF AGRICULTURE

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

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

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

BUTTER, CHEESE AND CONDENSED MILK, 1919, 1921, 1923, 1925

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.

	1919	1921	1923	1925
Number establishments-----	78	69	72	68
Persons engaged-----	705	639	738	730
Salaries paid-----	\$ 401,322	\$ 361,208	\$ 356,963	\$ 332,173
Wages-----	454,200	546,245	596,646	536,462
Cost of materials-----	9,947,799	7,881,073	10,046,537	10,050,581
Value of products-----	11,905,940	9,845,569	11,968,458	12,030,768
Value added by manufacture-----	1,958,141	1,964,496	1,921,921	1,980,187

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

COUNTY	Number of Cows Milked	Gallons Milk Produced	Pounds Butterfat Sold	Pounds Butter Made on Farms	Gallons Cream Sold	Gallons Milk Sold	Value of Dairy Products
Adams-----	7,664	4,437,456	574,475	107,260	8,761	1,840,297	\$ 626,821
Alamosa-----	1,462	633,046	33,998	33,965	23,589	111,735	99,440
Arapahoe-----	7,368	3,993,456	551,388	87,061	17,433	1,584,701	565,995
Archuleta-----	1,061	392,570	67,580	22,626	998	22,827	38,577
Baca-----	7,056	1,834,560	322,162	118,350	21,710	10,715	183,495
Bent-----	2,838	1,180,608	52,551	49,891	25,791	501,659	171,768
Boulder-----	6,397	3,217,691	607,127	145,855	8,848	516,428	388,205
Chaffee-----	1,001	497,497	56,248	31,707	5,830	118,930	69,876
Cheyenne-----	2,916	912,708	172,111	62,894	8,959	12,230	92,431
Clear Creek-----	36	11,448	112	1,195	50	2,035	1,061
Conejos-----	2,158	664,664	62,282	55,500	18,776	12,131	71,964
Costilla-----	569	255,295	12,390	21,444	10,780	11,400	30,274
Crowley-----	1,917	699,705	73,615	43,808	18,707	37,475	74,047
Custer-----	1,122	336,600	47,604	35,904	373	5,980	32,200
Delta-----	5,041	2,313,819	421,205	165,905	9,628	111,387	237,033
Denver-----	662	547,474	32,490	10,221	-----	386,800	92,838
Dolores-----	331	93,011	2,747	7,957	1,546	115	5,824
Douglas-----	5,470	2,877,220	736,452	9,162	28,295	331,645	351,720
Eagle-----	1,172	451,220	64,378	40,777	7,098	24,093	50,917
Elbert-----	9,339	3,586,176	899,915	115,054	3,256	156,214	368,953
El Paso-----	10,315	3,785,605	474,924	88,715	6,577	1,674,521	545,370
Fremont-----	1,886	943,000	70,099	80,164	4,998	205,614	113,298
Garfield-----	3,547	1,670,637	246,955	97,261	40,521	100,465	194,828
Gilpin-----	173	63,552	-----	4,668	2,177	24,444	10,886
Grand-----	1,470	621,810	122,103	44,664	2,041	30,341	66,828
Gunnison-----	1,465	603,580	89,203	57,947	837	68,680	65,518
Hinsdale-----	135	38,120	4,832	3,991	605	2,836	4,674
Huerfano-----	2,314	802,958	89,172	60,197	2,601	124,876	88,789
Jackson-----	756	305,424	47,780	31,831	155	13,570	30,640
Jefferson-----	5,851	3,545,706	331,608	102,900	11,454	1,737,463	607,854
Kiowa-----	3,171	941,787	188,167	63,867	260	4,550	87,604
Kit Carson-----	6,539	1,870,154	289,799	141,158	22,384	13,579	176,369
Lake-----	135	64,083	2,902	1,952	1,664	31,890	12,070
La Plata-----	3,613	1,741,466	328,767	143,731	3,973	69,590	185,445
Larimer-----	5,978	2,749,880	261,161	192,116	5,769	843,718	341,922
Las Animas-----	4,894	1,624,808	201,656	102,544	35,313	263,957	206,682
Lincoln-----	6,514	2,136,592	383,056	127,079	31,799	43,215	221,294
Logan-----	6,653	2,940,626	421,517	222,018	29,604	140,255	280,453
Mesa-----	6,854	3,344,752	580,637	219,126	15,244	248,217	345,096
Mineral-----	88	36,100	2,450	4,823	362	7,177	5,121
Moffat-----	2,230	776,040	107,310	85,133	5,208	29,940	80,094
Montezuma-----	2,615	998,930	165,072	87,640	1,436	29,388	95,923
Montrose-----	3,865	1,638,760	243,924	127,543	12,682	64,923	158,314
Morgan-----	6,252	2,175,696	419,381	116,999	3,680	116,387	203,569
Otero-----	4,832	2,014,944	111,525	128,325	52,290	518,517	259,742
Ouray-----	635	272,415	37,794	21,537	3,485	30,427	33,991
Park-----	760	243,960	23,401	27,022	2,739	13,591	25,655
Phillips-----	3,348	1,513,296	94,731	122,499	75,222	163,882	212,104
Pitkin-----	740	329,300	45,564	21,768	8,895	20,695	39,703
Prowers-----	5,317	2,100,215	144,263	108,282	23,550	853,426	291,163
Pueblo-----	6,700	3,216,000	285,393	112,647	13,831	1,508,740	457,571
Rio Blanco-----	1,537	617,323	100,810	50,021	5,795	11,090	61,210
Rio Grande-----	2,340	1,036,620	169,191	76,117	10,421	109,775	130,259
Routt-----	3,844	1,699,048	317,913	121,770	7,419	67,050	175,226
Saguache-----	1,004	363,448	50,190	31,453	6,277	14,278	41,813
San Juan-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	1,354	572,742	43,264	58,898	22,203	108,297	98,091
Sedgwick-----	2,334	1,073,640	98,913	55,173	45,736	17,775	127,700
Summit-----	389	202,830	38,110	17,383	1,659	14,560	26,115
Teller-----	689	209,595	4,269	20,994	6,818	54,227	32,407
Washington-----	8,360	2,800,600	475,764	198,592	9,655	29,265	237,734
Weld-----	23,606	11,024,002	1,643,955	458,934	79,268	2,434,437	1,359,492
Yuma-----	9,018	3,002,994	493,976	209,168	14,002	44,879	256,573
State-----	229,700	96,649,262	14,081,331	5,245,186	851,437	17,703,304	\$11,548,629

Poultry

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

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

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

The principal and largest commercial egg farms are located in the vicinity of the cities, particularly Denver, and on the western slope and in the Arkansas valley.

The raising of chicks has grown into a substantial industry and it is estimated that 5,000,000 are being produced annually in the hatcheries of

the state. Turkey raising also has increased rapidly and in some instances flocks are sufficiently large to warrant the use of horses in herding them.

The turkey industry has flourished in many parts of the state, but for many years has been a leading phase of farm activity in southwestern Colorado. There are several ranches in that section of the state where thousands of these birds range much as other classes of livestock, and carlot shipments of dressed birds at the best market seasons are not uncommon. Co-operative marketing and shipments direct to large eastern markets in large quantities have combined to solve some of the marketing problems most keenly felt where shipments are in smaller lots.

The poultry figures of the census for 1925, the year in which the last agricultural census was taken, are devoted principally to chickens and egg production. These show that the number of chickens raised in the state in 1924 was 5,005,977, compared with 3,880,873 in 1919, an increase of 1,125,104. In 1924, the number of dozens of eggs produced was 18,561,043, compared with 14,172,375 dozens in 1919, an increase of 4,388,668 dozens. The value of hens raised in 1924 was \$3,343,769 and of eggs produced, \$5,094,348. The number of chickens on the farms on January 1, 1925, as reported by the census bureau, was 3,571,618, compared with 2,874,721 on the same date in 1920, and 1,644,471 on April 15, 1910. The value of chickens on farms on dates mentioned was \$2,852,991 in 1925, and \$2,630,983 in 1920. The 1925 census figures on other classes of poultry for 1924 have not yet been published.

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

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

POULTRY AND EGGS IN COLORADO

COUNTY	All Poultry Reported by County Assessors 1928	U. S. CENSUS					
		Number of Chickens Raised		Value of Chickens 1925	Eggs Produced (Dozens)		Value of Eggs 1924
		1920	1925		1919	1924	
Adams	102,648	122,011	195,426	\$ 134,844	435,917	643,911	\$ 173,856
Alamosa	8,724	16,115	17,511	10,507	58,504	71,050	20,605
Arapahoe	97,392	85,655	137,121	95,985	338,060	639,062	178,937
Archuleta	6,864	13,626	8,618	5,688	68,663	48,733	14,620
Baca	60,288	126,106	141,215	91,790	369,555	479,120	134,154
Bent	61,152	70,798	87,926	57,152	257,829	306,934	85,942
Boulder	64,956	127,924	206,947	142,793	462,695	788,479	212,889
Chaffee	5,568	14,612	22,815	15,971	62,339	49,809	14,943
Cheyenne	36,324	41,124	67,852	47,496	154,566	250,861	70,241
Clear Creek	1,248	993	270	189	3,971	1,875	563
Conejos	11,940	26,561	23,458	14,075	142,833	175,962	51,029
Costilla	6,540	13,343	21,144	12,686	65,732	37,562	10,893
Crowley	32,784	43,016	63,478	41,261	133,436	189,399	53,032
Custer	6,204	16,462	10,232	6,139	54,977	48,213	13,982
Delta	57,168	99,576	94,722	58,728	393,455	367,057	102,776
Denver		18,120	22,472	15,506	71,970	104,680	28,264
Dolores	3,732	5,936	5,170	3,412	15,202	17,063	5,119
Douglas	27,000	33,508	39,429	27,600	132,531	124,126	34,755
Eagle	9,108	14,251	13,192	8,179	74,177	77,689	21,753
Elbert	58,992	84,100	101,220	70,854	262,280	487,325	136,451
El Paso	73,620	108,246	162,200	113,540	387,608	582,012	162,963
Fremont	47,796	58,186	86,640	60,648	208,945	340,420	102,126
Garfield	37,236	51,646	54,855	34,010	235,306	217,954	61,027
Gilpin		1,594	1,138	797	4,125	8,062	2,419
Grand	2,832	6,940	7,145	4,501	29,409	33,945	9,505
Gunnison	7,164	8,873	9,226	5,720	45,858	34,514	9,664
Hinsdale	252	654	637	420	1,881	3,049	915
Huerfano	16,176	75,068	40,149	24,089	137,595	116,770	33,863
Jackson	2,280	4,925	5,281	3,327	16,973	23,745	6,649
Jefferson	120,792	128,936	209,982	146,987	500,420	905,557	271,667
Kiowa	33,852	43,519	78,554	51,060	146,826	241,903	67,733
Kit Carson	131,160	99,180	142,359	99,651	470,932	495,525	138,747
Lake		232	134	94	2,211	2,714	814
La Plata	28,728	52,568	49,544	32,699	226,338	207,187	62,156
Larimer	97,680	124,934	163,576	112,867	460,039	590,609	159,464
Las Animas	28,428	102,494	101,824	66,186	265,958	291,851	81,718
Lincoln	72,340	75,260	133,950	93,765	325,585	453,344	126,936
Logan	122,640	148,264	227,244	149,981	543,118	817,301	204,408
Mesa	120,960	122,663	129,744	80,441	472,609	610,793	171,022
Mineral	792	421	572	378	2,049	4,531	1,359
Moffat	16,056	40,851	31,599	19,907	155,248	109,620	30,694
Montezuma	23,352	46,858	35,867	23,672	198,802	129,331	38,799
Montrose	47,616	74,312	78,657	48,767	325,610	362,637	101,538
Morgan	94,968	114,762	214,323	141,453	438,773	544,964	136,241
Otero	75,600	193,040	166,797	108,418	335,867	582,285	163,040
Ouray	3,132	7,401	6,354	4,194	38,284	27,702	8,311
Park	6,144	6,168	5,091	3,564	30,432	27,740	8,322
Phillips	57,564	50,348	112,727	74,400	190,336	306,866	76,717
Pitkin	6,384	7,359	6,411	3,975	34,600	15,077	4,222
Prowers	86,916	104,617	131,229	85,299	401,577	520,668	145,787
Pueblo	69,600	130,499	148,398	96,459	405,318	609,854	170,759
Rio Blanco	7,692	28,902	32,195	20,283	99,099	66,184	18,532
Rio Grande	8,040	39,930	35,790	21,474	141,036	120,845	35,045
Routt	22,896	49,328	43,848	27,624	170,716	242,201	67,816
Saguache	9,660	22,495	18,181	10,909	77,474	64,166	18,608
San Juan							
San Miguel	5,940	11,857	10,098	6,665	51,350	60,172	18,052
Sedgwick	37,800	39,765	64,303	42,440	155,404	221,920	55,480
Summit	972	1,933	1,024	717	7,505	9,015	2,705
Teller	2,052	6,813	5,262	3,683	30,700	22,783	6,835
Washington	112,740	144,226	211,967	139,898	695,992	936,747	234,187
Weld	226,344	396,031	525,623	362,680	1,425,802	2,019,418	545,243
Yuma	115,128	174,938	235,261	155,272	719,973	669,823	167,456
State	2,640,456	3,880,873	5,005,977	\$3,343,769	14,172,375	18,561,043	\$5,094,348

POULTRY IN COLORADO, 1928 AND 1929, AND BEES, 1929
(From Reports of County Assessors to the State Tax Commission)

COUNTY	POULTRY						BEES, 1929		
	1928			1929					
	Number Doz.	Assessed Value	Av. Per Doz.	Number Doz.	Assessed Value	Av. Per Doz.	Number of Stands	Assessed Value	Av. Per Stand
Adams-----	8,268	\$ 43,440	\$ 5.25	8,554	\$ 45,770	\$ 5.35	1,400	\$ 5,600	\$ 4.00
Alamosa-----	804	4,345	5.44	727	3,825	5.26	1,030	4,120	4.00
Arapahoe-----	7,145	35,725	5.00	8,116	40,895	5.04	760	3,170	4.17
Archuleta-----	466	2,915	6.25	572	4,015	7.02	40	160	4.00
Baca-----	4,816	24,080	5.00	5,024	25,120	5.00	---	---	---
Bent-----	4,381	21,905	5.00	5,096	25,480	5.00	1,905	7,620	4.00
Boulder-----	5,214	26,310	5.05	5,413	27,520	5.08	2,502	10,010	4.00
Chaffee-----	692	3,700	5.35	464	2,955	6.37	---	---	---
Cheyenne-----	3,006	15,030	5.00	3,027	15,355	5.07	---	---	---
Clear Creek-----	112	660	5.90	104	595	5.72	---	---	---
Conejos-----	1,075	5,375	5.00	995	5,010	5.03	2,285	9,140	4.00
Costilla-----	592	3,095	5.23	545	2,850	5.23	81	320	4.00
Crowley-----	2,762	15,650	5.74	2,732	16,250	5.95	2,461	9,845	4.00
Custer-----	529	2,680	5.07	517	2,585	5.00	44	175	4.00
Delta-----	4,642	23,210	5.00	4,764	24,420	5.13	2,907	11,750	4.04
Denver-----	1,000	5,400	5.40	---	---	---	---	---	---
Dolores-----	397	2,095	5.28	311	1,730	5.56	4	20	5.00
Douglas-----	2,355	11,775	5.00	2,250	11,250	5.00	25	100	4.00
Eagle-----	771	3,855	5.00	759	3,795	5.00	55	220	4.00
Elbert-----	5,316	27,344	5.14	4,916	25,370	5.16	125	502	4.02
El Paso-----	6,351	31,740	5.00	6,135	30,670	5.00	285	1,420	5.00
Fremont-----	4,257	21,285	5.00	3,983	20,232	5.08	949	3,831	4.04
Garfield-----	2,925	15,885	5.43	3,103	16,965	5.47	2,525	10,310	4.08
Gilpin-----	---	---	---	---	---	---	---	---	---
Grand-----	268	1,355	5.06	236	1,180	5.00	---	---	---
Gunnison-----	573	3,050	5.32	597	3,365	5.64	---	---	---
Hinsdale-----	16	80	5.00	21	105	5.00	---	---	---
Huerfano-----	1,287	6,575	5.11	1,348	7,227	5.36	141	705	5.00
Jackson-----	506	2,530	5.00	190	950	5.00	---	---	---
Jefferson-----	9,408	47,460	5.04	10,066	50,330	5.00	1,510	6,065	4.01
Kiowa-----	2,431	12,155	5.00	2,821	14,105	5.00	---	---	---
Kit Carson-----	8,737	43,685	5.00	10,930	54,652	5.00	---	---	---
Lake-----	---	---	---	---	---	---	---	---	---
La Plata-----	2,409	14,735	6.12	2,394	16,050	6.70	2,164	10,690	4.93
Larimer-----	7,664	38,320	5.00	8,140	40,700	5.00	2,020	8,080	4.00
Las Animas-----	2,487	12,435	5.00	2,369	12,976	5.48	550	2,202	4.00
Lincoln-----	6,183	30,915	5.00	6,070	30,350	5.00	---	---	---
Logan-----	9,769	48,845	5.00	10,220	51,100	5.00	771	3,085	4.00
Mesa-----	8,938	44,690	5.00	10,080	50,400	5.00	3,898	15,595	4.00
Mineral-----	54	270	5.00	66	330	5.00	---	---	---
Moffat-----	1,221	6,445	5.28	1,338	6,980	5.22	18	90	5.00
Montezuma-----	2,221	11,720	5.28	1,946	9,730	5.00	2,695	11,810	4.38
Montrose-----	3,470	18,160	5.23	3,968	19,840	5.00	4,553	18,212	4.00
Morgan-----	7,686	38,430	5.00	7,914	39,570	5.00	798	3,190	4.00
Otero-----	7,187	41,725	5.80	6,300	38,245	6.07	4,388	17,890	4.08
Ouray-----	241	1,205	5.00	261	1,305	5.00	230	920	4.00
Park-----	490	2,950	6.00	512	3,070	6.00	---	---	---
Phillips-----	4,110	23,605	5.74	4,797	24,080	5.02	---	---	---
Pitkin-----	371	1,995	5.37	532	6,540	12.29	73	290	4.00
Prowers-----	6,668	33,340	5.00	7,243	41,705	5.76	1,762	7,114	4.04
Pueblo-----	6,294	32,965	5.24	5,800	31,740	5.47	1,517	6,075	4.05
Rio Blanco-----	733	3,665	5.00	641	3,205	5.00	---	---	---
Rio Grande-----	715	3,615	5.06	670	3,350	5.00	391	1,562	4.00
Routt-----	2,095	10,810	5.16	1,908	10,160	5.32	---	---	---
Saguache-----	844	4,220	5.00	805	4,025	5.00	363	1,452	4.00
San Juan-----	---	---	---	---	---	---	---	---	---
San Miguel-----	502	2,510	5.00	495	2,475	5.00	150	600	4.00
Sedgwick-----	3,073	15,365	5.00	3,150	15,750	5.00	361	1,685	4.67
Summit-----	84	420	5.00	81	405	5.00	---	---	---
Teller-----	128	640	5.00	171	855	5.00	---	---	---
Washington-----	9,627	49,015	5.09	9,395	47,860	5.09	180	720	4.00
Weld-----	18,368	92,400	5.03	18,862	94,830	5.03	3,172	12,930	4.08
Yuma-----	8,702	43,520	5.00	9,594	51,870	5.42	37	150	4.05
State-----	213,400	\$1,093,319	\$ 5.12	220,038	\$1,144,067	\$ 5.20	51,125	\$209,425	\$ 4.10

POULTRY ON FARMS: 1920 AND 1910
(Census Reports)

ITEM	Farms Reporting 1920		Number Reported*		Value, 1920	Average Value, 1920
	Number	Per Cent of All Farms	1920 (Jan. 1)	1910 (Apr. 15)		
Chickens.....	51,693	86.2	2,874,721	1,644,471	\$2,680,983	\$0.93
Turkeys.....	10,122	16.9	57,687	26,430	183,113	3.17
Ducks.....	4,166	7.0	20,687	12,250	22,391	1.08
Geese.....	2,597	4.3	10,296	4,455	25,879	2.51
Guinea fowls.....	1,857	3.1	7,317	3,668	5,326	0.73
Pigeons.....	1,274	2.1	23,639	29,998	6,314	0.27
Total.....	71,709	86.6	2,994,347	1,721,272	\$2,924,006	\$0.98

*Numbers of different classes of poultry are not strictly comparable for the two censuses, since a considerable number of fowls are killed between January 1 and April 15.

The census bureau estimated the total production of hen eggs in 1919 at 14,172,375 dozen, with a total value of \$5,668,950, compared with 10,652,396 dozen, valued at \$2,444,006 in 1909. The number of chickens raised in 1919 was estimated at 3,880,873, with a total value of \$3,104,698, and chickens sold, 784,711, with a value of \$635,954.

Bees and Honey

COLORADO produces approximately 2,225,000 to 3,000,000 pounds of honey each year, the crop varying according to climatic conditions and the flora available for nectar secretions. The quantity produced in 1929 is estimated at 3,000,000 pounds, the principal producing areas being the Arkansas valley and the western slope. The product is in good demand and a large proportion of the output is exported to other states.

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

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

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

The assessors' figures are of value principally in indicating the trend of

the industry, as they are necessarily incomplete and below the actual number. The figures, by counties, are published elsewhere in this volume and are of value in indicating the location of the principal honey-producing areas of the state. The counties showing the largest number of stands in 1929, 1928 and 1926 are as follows:

County	—Stands—		
	1926	1928	1929
Weld	6,002	4,677	3,172
Delta	4,902	4,223	2,907
Larimer	4,165	3,650	2,020
Garfield	3,841	3,785	2,525
Montrose	3,317	4,469	4,553
Otero	3,022	4,181	4,388
Mesa	2,893	4,200	3,898
La Plata.....	2,510	3,121	2,164
Montezuma	2,409	3,593	2,695
Boulder	2,258	2,675	2,502
Jefferson	1,984	1,491	1,510
Pueblo	1,548	1,250	1,517

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

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

In 1921, the surplus production of honey per hive was estimated at 58 pounds, compared with an average of about 44.2 pounds for the country. In 1922 the surplus honey per stand was approximately 55 pounds, but in the

following year it dropped to 31 pounds, where it remained in 1923, and in 1924 the average was about 30 pounds. Since the beginning of 1925 the average is estimated at around 40 pounds.

Approximately 60 per cent of the honey production of the state is in the hands of professional bee keepers. The principal producing areas are in the sections devoted to the growing of alfalfa and sweet clover in the irrigated districts. The non-irrigated areas of the state, as distinguished from the irrigated districts, are not so inviting to the commercial apiarists, owing to the scarcity of flowers to furnish the nectar. The fruit-growing sections of the state do not offer the possibilities they formerly possessed, owing to the practice of spraying fruit trees, which often poisons the bees

and makes the industry rather hazardous. New methods of harvesting alfalfa have also restricted the desirable areas. However, the spread of sweet clover along ditch banks, roadsides and railways has helped the crop, and sweet clover is now looked upon as the principal feeding crop. Areas in the immediate vicinity of beet sugar factories where beets are grown on a large scale, are not looked upon with favor by the professional bee raiser because of the intensive cultivation of the soil, which leaves but very little material for the bees to feed upon.

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

Horticulture and Floriculture

COLORADO'S orchard and small fruit crop usually runs in excess of \$5,000,000 annually in value and in more favorable years has run as high as \$8,000,000. The total value of the crop in 1929, based on the seasonal farm value, was \$5,942,000, which compares with \$3,786,000 in 1928, a year in which the production and value were below normal, and \$5,647,000 in 1927. The state ranked sixteenth among the states of the union in 1929 in the quantity of apples produced, fourteenth in peaches and fifth in the quantity of pears. The 1919 census gave to the state sixteenth place among the states in the production of orchard fruits and twenty-first place in the production of small fruits.

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

Apples, peaches and pears are the principal orchard fruits grown. Other fruits and berries grown include plums, apricots, grapes, strawberries,

raspberries, loganberries, blackberries and currants. Cherries are grown extensively in certain areas and rank next to the three principal fruits in value and volume of production.

There is published in connection herewith a table compiled by the Colorado Co-operative Crop Reporting service showing the quantity and value of the principal crops for the years 1927 to 1929, inclusive. Another table gives the average price per bushel for apples, peaches and pears in Colorado on December 1 of the years named, with the average of the United States as reported by the United States department of agriculture, which is of value chiefly for comparative purposes. Another table compiled from census reports shows the number of trees of bearing age in the state in 1920, with comparisons for 1910, and the production and value of principal crops in 1919, with comparisons for 1909. A similar table gives the acreage, production and value for 1919 and 1909 for berries. Another table compiled from census reports gives the number of apple, peach and pear trees in 1925, by counties, with comparisons with 1920, and the number of plum trees and grape vines by counties in 1925.

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

grape vines reported in 1925 was 199,395, an increase of 74,368.

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

The most important fruit-growing districts are the western slope, in the valleys of the Grand and Gunnison rivers and tributary streams, comprising parts of Garfield, Mesa, Delta and Montrose counties; the Canon City district, comprising a part of Fremont county; the Arkansas valley, comprising parts of Crowley, Otero, Pueblo, Bent and Prowers counties; southwestern Colorado, comprising parts of La Plata and Montezuma counties, and comparatively small areas near the foothills along the eastern side of the mountains. The western* slope area ranks first in importance from the standpoint of production, with the Canon City district second. Apples, peaches and pears are the principal fruit crops in the Grand valley and in the valleys of tributary streams, though practically all fruits grown in the state are produced here. This district produces nearly all the commercial peach crop of the state and a very large proportion of the apple crop. Southwest Colorado produces as fine a variety of all kinds of fruit as is grown in any part of the state, but lack of adequate transportation facilities has retarded development of the fruit-growing industry in this district. In the Canon City district the principal crop is apples, with a considerable production of cherries and small fruits. Some apples, cherries and small fruits are grown in the Arkansas valley, especially in Crowley and

Otero counties, and cherries are grown rather extensively in several of the counties just east of the mountains, particularly in Larimer county. Apples have been grown to considerable extent in this same area for a good many years, but the yield is not so dependable as on the western slope and the quality of the fruit is not so high. In the irrigated district immediately north of Denver, including parts of Boulder, Adams, Larimer and Weld counties, berries and other small fruits are grown successfully and always find a good market in Denver. Routt county is especially famous for its strawberries, which come into market late in the summer, after the berries from most other districts are gone, and for that reason command exceptionally high prices.

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

Floriculture

The floral industry in Colorado has shown a remarkable growth in the past ten years and at present the gross business is in excess of \$5,000,000 annually, or an increase of around 150 per cent in the period named. Climatic conditions, which are favorable for producing blooms of unusual brilliance in colors, large size and lasting quality, have had much to do with the development of the industry, which finds a market for its product not only in most parts of the United States, but in several foreign countries. The glass area of Colorado's flower houses is estimated at 3,250,000 square feet.

Carnations lead the list of products, the output being in excess of 12,000,000 a year. Ten states depend upon Colorado for their entire supply of this flower and shipments have been made to Cuba, New York and London. Orchid production is conducted upon a large scale by a few growers, there

being one commercial collection in Denver comprising more than 500 varieties and valued at a million dollars.

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

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

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

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 employees, 510. The average cost per year for operation and maintenance is \$2,250,000. Total investment is in excess of \$10,000,000.

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

Materials used in producing the 1929 output of beverages included 1,087,034 pounds of malt, 153,512 pounds of sugar and syrup, 19,120 pounds of hops, 108,080 pounds of other grains and grain products and 16,370 pounds of other materials.

FRUIT TREES IN COLORADO AS SHOWN BY THE UNITED STATES CENSUS

COUNTY	APPLES		PEACHES		PEARS		Plums 1925	Grape Vines 1925
	1920	1925	1920	1925	1920	1925		
Adams-----	19,274	14,739	240	112	177	117	1,870	248
Alamosa-----	-----	348	-----	-----	-----	-----	20	-----
Arapahoe-----	14,307	12,465	65	41	190	75	816	1,002
Archuleta-----	3,915	2,328	39	5	154	96	125	-----
Baca-----	2,128	2,132	5,172	3,790	451	567	2,055	1,220
Bent-----	6,267	4,090	2,252	639	156	70	914	659
Boulder-----	44,408	35,154	206	102	190	58	1,414	8,951
Chaffee-----	11,831	10,983	-----	-----	24	16	51	110
Cheyenne-----	600	516	621	376	48	70	1,492	613
Clear Creek-----	-----	-----	-----	-----	-----	-----	-----	-----
Conejos-----	124	236	1	-----	-----	9	26	-----
Costilla-----	381	1,235	1	-----	44	30	41	-----
Crowley-----	21,469	16,843	476	101	60	2	354	6,488
Custer-----	1,534	711	65	13	38	4	24	-----
Delta-----	521,977	483,194	165,790	138,056	9,761	8,408	10,009	28,306
Denver-----	971	1,180	-----	24	23	2	150	-----
Dolores-----	109	54	107	-----	39	-----	-----	-----
Douglas-----	13,824	2,132	50	2	44	6	12	-----
Eagle-----	1,641	1,043	-----	-----	58	54	82	14
Elbert-----	1,058	658	78	45	100	64	555	83
El Paso-----	3,224	3,510	49	118	78	96	773	114
Fremont-----	211,337	126,848	1,796	1,132	1,731	1,366	2,295	30,607
Garfield-----	72,233	69,444	8,275	8,393	2,167	885	3,502	16,036
Gilpin-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand-----	-----	-----	-----	-----	-----	-----	-----	-----
Gunnison-----	8	650	-----	5	-----	-----	5	6
Hinsdale-----	-----	-----	-----	-----	-----	-----	-----	-----
Huerfano-----	8,534	5,956	41	12	157	51	276	12
Jackson-----	-----	-----	-----	-----	-----	-----	-----	-----
Jefferson-----	62,345	49,355	1,954	21	237	87	8,768	17,302
Kiowa-----	467	479	364	437	39	35	1,045	394
Kit Carson-----	1,018	422	1,188	547	63	50	2,625	408
Lake-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata-----	30,056	27,655	370	543	1,543	1,432	1,691	798
Larimer-----	74,454	78,510	237	81	439	97	2,056	919
Las Animas-----	5,931	2,847	637	231	144	60	367	33
Lincoln-----	530	608	255	365	18	49	919	196
Logan-----	2,564	1,802	249	198	212	247	4,438	175
Mesa-----	517,710	248,337	261,121	234,558	150,730	169,177	6,056	45,477
Mineral-----	-----	-----	-----	-----	-----	-----	-----	-----
Moffat-----	1,192	414	35	7	44	12	137	20
Montezuma-----	71,216	58,343	7,707	6,053	2,325	912	1,883	13,410
Montrose-----	110,722	140,001	8,617	7,199	2,381	1,109	1,696	8,258
Morgan-----	2,696	2,182	173	41	178	21	2,805	148
Otero-----	40,447	24,693	1,426	1,044	102	104	2,302	12,991
Ouray-----	682	573	22	1	22	2	18	1
Park-----	-----	-----	-----	-----	-----	-----	-----	-----
Phillips-----	231	136	57	89	6	20	503	31
Pitkin-----	296	466	-----	-----	10	7	37	-----
Prowers-----	11,384	5,093	4,138	1,910	368	110	1,478	369
Pueblo-----	34,359	23,244	506	176	480	139	1,828	3,336
Rio Blanco-----	1,004	577	-----	-----	-----	10	48	-----
Rio Grande-----	248	268	-----	60	-----	-----	122	6
Routt-----	289	172	4	-----	6	-----	-----	-----
Saguache-----	481	232	-----	-----	6	5	1	-----
San Juan-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	1,570	802	97	2	83	17	3	14
Sedgwick-----	398	85	128	46	74	13	50	7
Summit-----	-----	-----	-----	-----	-----	-----	-----	-----
Teller-----	3,017	-----	100	-----	25	-----	-----	-----
Washington-----	787	1,034	395	288	123	157	2,206	148
Weld-----	19,642	6,959	303	68	207	90	1,779	141
Yuma-----	4,162	2,136	3,694	1,019	541	186	1,501	344
State-----	1,961,052	1,473,874	479,101	407,950	176,096	186,244	73,223	199,395

FRUIT PRODUCTION AND VALUE BY YEARS

	1927		1928		1929	
	Quantity	Value	Quantity	Value	Quantity	Value
Apples (Bu.)....	2,592,000	\$2,851,000	3,020,000	\$1,963,000	2,460,000	\$2,337,000
Peaches (Bu.)...	892,000	1,070,000	650,000	780,000	1,000,000	1,450,000
Pears (Bu.)...	480,000	672,000	185,000	194,000	650,000	975,000
Grapes (Tons)...	314	34,000	357	14,000	374	15,000
Cherries (Tons)...	4,200	420,000	1,500	210,000	4,500	540,000
Small Fruits....	.....	600,000	.....	625,000	.....	625,000
Total		\$5,647,000		\$3,786,000		\$5,942,000

AVERAGE PRICES APPLES, PEACHES AND PEARS ON DECEMBER 1

	1925		1926		1927		1928		1929	
	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.
Apples	1.10	1.26	.70	.73	1.10	1.38	.65	1.00	.95	1.32
Peaches	1.90	1.38	1.10	1.00	1.20	1.18	1.20	.99	1.45	1.36
Pears	1.15	1.40	.65	.89	1.40	1.32	1.05	1.02	1.50	1.43

SMALL FRUITS, PRODUCTION AND VALUES
(Census Reports)

	Acreage		Production (Qts.)		Value	
	1919	1909	1919	1909	1919	1909
Strawberries	653	1,326	944,276	1,674,923	\$236,074	\$156,059
Raspberries and Logan-berries	613	801	643,678	1,650,785	160,828	156,668
Blackberries	91	228	76,234	227,598	18,296	27,833
Currants	141	282	137,634	493,726	26,151	39,935
Other Berries.....	300	192	411,797	247,956	41,184	18,341
Total.....	1,798	2,829	2,213,619	4,294,988	\$482,533	\$398,836

FRUIT ORCHARDS, PRODUCTION AND VALUES
(From Census Reports)

	Trees of Bearing Age		Production (Bu.)		Value	
	1920	1910	1919	1909	1919	1909
Apples	1,777,737	1,688,425	3,417,682	3,559,094	\$5,639,178	\$3,405,442
Peaches	446,943	793,372	721,480	692,258	1,344,741	764,561
Pears	136,117	99,989	269,465	132,536	592,824	210,685
Plums	80,027	143,921	44,944	81,539	107,866	81,354
Cherries	348,832	203,806	165,087	88,937	536,537	173,895
Apricots	5,904	16,841	9,154	11,403	15,562	15,658
Total.....	2,795,560	2,946,354	4,627,812	4,565,767	\$8,236,708	\$4,651,595

Manufacturing

THE manufacturing industry in Colorado has made steady progress from its inception, as shown by reports of the census bureau, with the exception that in 1921 and 1923 there were decreases in the total value of products when compared with the abnormal output in 1919 due to high prices and war conditions. In 1925 and 1927 the value of products again was running in excess of the output during the war period. While the preliminary figures for 1927 show a small decrease when compared with 1925, this is more apparent than real. The price of most manufactured commodities declined somewhat during the period, and the implied decrease in totals does not necessarily mean a decrease in the quantity of products manufactured. In fact, it is practically certain that if a measurement could be made on the quantitative unit an increase would be shown. The 1925 figures also include poultry killing and dressing. These items were not canvassed in 1927, and for comparative purposes \$85,162 should be deducted from the 1925 figures.

The manufacturing industry ranks first in comparison to agriculture and mining on the basis of value of products. That basis is not, however, a true measure of the relative importance of the industries, inasmuch as many of the products of agriculture and mining go into manufacturing. A much better measure of the actual value created by manufacturing processes is the "value added by manufacture." On that basis agriculture ranks ahead of manufacturing in Colorado, while the latter is ahead of mining. A chart showing the relative position of the three industries in 1925, the latest year for which comparative figures are available, is published elsewhere in this volume.

The accompanying tables show the number of persons engaged in the manufacturing industry in the state, including officers and salaried employees. 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	32,001

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.

Colorado occupied thirty-third place among the states of the Union in 1925 in the value of its manufactured products and thirty-fourth place in 1923. It ranked first among the eight states comprising the mountain district. The relative importance of Colorado in principal groups in 1925 is shown by the following table, giving its rank among the states:

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

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 in 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 1927; value of products of principal manufacturing industries by years; manufacturing by industries in 1925 and 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.

THE PRINTING AND PUBLISHING INDUSTRY

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

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

	No. of Publications	Gross Circulation*
Daily newspapers:		
1921	38	307,968
1923	38	314,679
1925	32	302,078

*Exclusive of Sunday circulation.

Sunday newspapers:		
1921	12	298,663
1923	11	311,263
1925	11	344,358

Weekly newspapers:		
1921	97	115,089
1923	100	124,852
1925	112	206,537

Other Periodicals, 1925:		
College and school.....	5	13,250
Commerce, finance and insurance	4	7,837
Trade journals.....	10	37,004
Miscellaneous	6	147,750

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. The average number of wage earners in 1929 was 1,424 and wages paid exceed \$2,225,000 annually. More than one-half of gross expenditures remain in the state in the form of wages, salaries, raw materials, supplies and taxes.

OLEOMARGARINE PRODUCED

The manufacture of colored and uncolored oleomargarine in Colorado, as reported by the commissioner of internal revenue, is showing a steady and substantial increase. The output in the fiscal year ending June 30, 1929, amounted to 1,101,893 pounds, which compares with 530,716 pounds in 1921, an increase of more than 100 per cent.

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

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

INDUSTRIAL ALCOHOL

There were two industrial alcohol plants, two bonded warehouses and two denaturing plants operated in Colorado during the fiscal year ending June 30, 1929, under the national prohibition act. There were 21,274 gallons of industrial alcohol in the bonded warehouses in the state on July 1, 1928. During the year, 44,246 gallons were produced and deposited in warehouses; 22,220 gallons were withdrawn and tax paid; 23 gallons represented losses in warehouses; 14,320 gallons were withdrawn for scientific purposes; 11,173 gallons were transferred to denaturing warehouses; and 17,778 gallons remained in the warehouses at the close of the fiscal year. There were 31 manufacturers who received denatured alcohol under permits and who used 8,940 gallons during the year.

MANUFACTURING IN COLORADO BY YEARS
(From Census Reports)

YEAR	Number of Estab- lishments	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

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

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

VALUE OF PRODUCTS OF PRINCIPAL MANUFACTURING INDUSTRIES, BY YEARS

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

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

(a) Exclusive of evaporated and condensed milk.

MANUFACTURING IN COLORADO BY INDUSTRIES, 1925

(Compiled from Census Reports)

INDUSTRY	Number Estab- lish- ments	Wage Earners (average number)	Wages	Cost of Materials	Value of Products
Awnings, tents, etc -----	10	149	\$ 160,894	\$ 599,441	\$ 1,049,462
Beverages -----	31	130	154,996	447,856	994,089
Boxes, paper and otherwise -----	4	159	133,135	63,579	614,572
Brass, bronze, non-ferrous alloys -----	9	77	100,347	507,253	688,337
Bread and bakery products -----	168	1,422	1,757,348	5,758,153	10,157,121
Butter, cheese, and condensed and evaporated milk -----	68	488	536,462	10,050,581	12,030,768
Canning and preserving -----	21	563	428,617	2,440,763	4,317,787
Car and general construction and repairs, electric railroad repair shops -----	5	264	416,078	432,371	894,909
Car and general construction and repairs, steam railroad repair shops -----	28	4,827	7,189,444	5,821,840	13,804,826
Caskets, coffins, burial cases, and morticians' goods -----	8	40	47,793	159,828	379,997
Chemicals, not elsewhere classified -----	9	176	234,988	787,694	1,834,602
Clay products (other than pottery) and nonclay refractories -----	30	1,182	1,414,974	1,383,845	4,351,749
Clothing, men's -----	6	432	413,734	836,115	1,538,271
Clothing, women's -----	4	106	69,654	254,036	510,141
Concrete products -----	17	138	171,583	250,485	927,478
Confectionery -----	48	602	433,501	1,560,929	3,170,908
Copper, tin and sheet-iron work -----	23	270	365,503	973,905	1,696,427
Dental goods -----	8	45	75,573	107,755	239,486
Druggists' preparations -----	3	8	15,921	24,533	85,243
Electrical machinery, apparatus and supplies -----	6	56	71,684	97,031	267,143
Engraving, steel and copperplate, and plate printing -----	4	42	51,227	30,083	133,329
Flour, feed, and other grain-mill products -----	65	411	642,657	12,560,635	14,691,796
Food preparations -----	29	356	358,890	2,746,286	3,823,020
Foundry and machine-shop pro- ducts, not elsewhere classified -----	62	1,372	1,865,234	3,565,448	8,084,652
Fur goods -----	7	32	43,200	34,877	128,361
Furniture -----	8	132	217,369	395,068	827,183
Gas, manufactured, illuminating and heating -----	10	536	745,300	1,191,113	3,491,751
Grease and tallow, not including lubricating grease -----	6	42	59,645	122,456	267,173
Hats and caps -----	3	60	76,239	162,558	320,192
Ice cream -----	19	122	159,094	641,950	1,242,602
Ice, manufactured -----	29	256	333,359	439,517	1,643,997
Jewelry -----	8	49	73,167	79,525	236,599
Lime -----	3	63	70,377	62,587	185,232
Lithographing -----	4	74	99,911	220,048	472,227
Lumber and timber products, not elsewhere classified -----	65	980	974,694	582,993	2,061,329
Lumber: Planing-mill products, not made in planing mills connected with sawmills -----	30	526	765,092	1,070,674	2,304,178
Marble, slate, and stone work -----	15	76	147,557	199,300	547,110
Mattresses and bed springs, not elsewhere classified -----	5	127	138,511	514,368	858,461
Motor-vehicle bodies and motor- vehicle parts -----	12	110	158,913	212,654	465,874
Optical goods -----	4	52	62,967	28,368	163,573
Paints and varnishes -----	8	202	250,271	1,609,822	2,493,943
Patent medicines and compounds -----	10	22	26,653	111,419	294,799
Photo-engraving, not done in print- ing establishments -----	6	43	90,031	33,929	254,502
Pottery, including porcelain ware -----	4	115	116,584	81,838	287,820

MANUFACTURING IN COLORADO BY INDUSTRIES, 1925—Continued
(Compiled from Census Reports)

INDUSTRY	Number Estab- lish- ments	Wage Earners (average number)	Wages	Cost of Materials	Value of Products
Printing and publishing, book and job.....	99	946	\$ 1,451,658	\$ 1,863,076	\$ 5,491,213
Printing and publishing, newspaper and periodical.....	154	980	1,666,006	2,607,746	10,123,331
Rubber goods, not elsewhere classi- fied.....	3	19	15,609	57,141	102,882
Saddlery and harness.....	8	129	181,961	382,866	706,761
Signs and advertising novelties.....	8	67	95,799	190,703	711,385
Slaughtering and meat packing, wholesale.....	27	1,327	1,666,205	25,479,979	30,399,379
Structural and ornamental iron- work, not made in rolling mills.....	9	191	334,166	1,150,231	1,866,823
Sugar, beet.....	16	2,365	3,264,019	26,576,427	41,165,742
Tobacco: Cigars and cigarettes.....	11	270	254,243	428,858	901,550
All other industries*.....	159	8,739	12,358,847	53,199,002	82,475,923
Total State.....	1,416	31,967	\$43,007,674	\$171,191,543	\$278,778,008

*Items included under "All Other Industries" embrace cement, steel rails and products which would disclose individual operations if segregated; also the following, with value of products: Book-binding and blank book making, \$126,107; cleaning and polishing preparations, \$72,152; Electroplating, \$26,936; Models and patterns, \$58,817; Perfumery, cosmetics and toilet preparations, \$26,923; Steam and other packing, \$84,282; Surgical appliances, \$42,371; Window and door screens and weather strips, \$92,220

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 nonclay refractories.....	30	971	1,134,988	1,090,555	3,348,514
Clothing, women's.....	5	165	100,638	329,869	621,080
Clothing, men's.....	4	439	422,600	865,319	1,579,410
Coffee and spice, roasting and 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

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

INDUSTRY	Number Estab- lish- ments	Wage Earners (average number)	Wages	Cost of Materials, Fuel and Power	Value of Products
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	32,401	32,214	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
Photo-engraving, not done in print- ing 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, news- paper and periodical-----	166	1,239	2,347,209	3,182,953	11,039,597
Saddlery and harness-----	9	92	135,027	255,974	540,007
Signs and advertising novelties-----	12	45	62,224	97,322	342,515
Slaughtering and meat packing, 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. Book binding 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

1869	\$2,852,820	Growth of the manufacturing industry in Colorado from 1869 to 1927, inclusive, on basis of value of products as reported by the census bureau.
1879	\$14,260,159	
1889	\$42,480,205	
1899	\$89,068,000	
1904	\$100,144,000	
1909	\$130,044,312	
1914	\$136,839,321	
1919	\$275,622,335	
1921	\$219,225,800	
1923	\$255,189,812	
1925	\$278,778,008	
1927	\$278,221,431	

COMPARATIVE POSITION OF AGRICULTURE, MANUFACTURING AND MINING, 1925

Value Agricultural products....	\$139,722,000
Manufacture, value added by ...	\$107,586,465
Mineral output*.....	\$63,148,959

*Includes metals and non-metals.

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 1927

Note—Number of establishments in 1927 does not include those with an annual output of less than \$5,000. The 1927 figures are preliminary.

COUNTY	No. Establishments		Wages Paid		Value of Products	
	1919	1927	1919	1927	1919	1927
Adams	37	19	\$ 987,790	\$ 979,000	\$ 4,791,206	\$ 5,606,000
Alamosa	14	11	48,456	386,000	423,618	1,326,000
Arapahoe	24	13	165,436	410,000	860,974	1,950,000
Archuleta	12	7	106,990	47,000	367,853	147,000
Baca	5	†	20,919	†	82,170	†
Bent	15	6	50,419	64,000	317,540	345,000
Boulder	95	39	976,334	745,000	9,660,142	7,966,000
Chaffee	20	9	592,904	452,000	3,935,183	1,276,000
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	17	37,130	149,000	344,786	1,563,000
Denver	1,097	730	19,341,915	19,458,000	125,411,270	116,748,000
Douglas	8	†	244,164	†	1,783,316	†
Eagle	4	†	12,700	†	31,016	†
Elbert	8	†	3,469	†	11,480	†
El Paso	141	70	996,090	784,000	4,788,504	4,449,000
Fremont	45	26	1,023,831	888,000	6,787,570	5,736,000
Garfield	23	†	68,215	†	333,815	†
Gilpin	7	†	9,854	†	35,093	†
Grand	14	†	636,170	†	998,783	†
Gunnison	27	10	82,067	64,000	179,044	156,000
Huerfano	21	11	43,271	53,000	274,222	397,000
Jackson	5	†	37,855	†	92,518	†
Jefferson	23	9	213,940	248,000	907,169	810,000
Kiowa	6	—	11,616	—	24,594	—
Kit Carson	19	6	31,572	6,000	146,018	38,000
Lake	14	†	569,798	†	4,243,184	†
La Plata	32	†	372,747	†	3,384,123	†
Larimer	87	38	1,278,179	935,000	13,440,083	13,175,000
Las Animas	60	32	844,712	789,000	3,943,416	3,649,000
Lincoln	17	6	53,916	15,000	508,365	75,000
Logan	29	†	498,753	†	2,814,180	†
Mesa	38	29	555,320	477,000	3,347,570	3,230,000
Moffat	6	†	5,963	†	39,318	†
Montezuma	16	†	31,707	†	184,354	†
Montrose	26	14	109,732	42,000	701,936	333,000
Morgan	31	†	453,029	†	4,823,336	†
Otero	57	30	1,667,381	1,072,000	8,766,757	5,852,000
Ouray	7	†	38,184	†	78,777	†
Park	13	†	58,141	†	105,831	†
Phillips	8	4	21,136	6,000	336,371	64,000
Pitkin	6	†	11,797	†	33,976	†
Prowers	49	19	231,635	290,000	3,825,014	3,631,000
Pueblo	143	95	8,229,412	9,739,000	47,568,936	56,257,000
Rio Blanco	10	†	35,390	†	126,378	†
Rio Grande	24	12	76,890	60,000	673,531	528,000
Routt	18	14	219,926	78,000	627,229	301,000
Saguache	10	†	59,001	†	209,173	†
San Juan	6	†	8,885	†	25,121	†
San Miguel	12	5	51,933	33,000	150,636	99,000
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	1,193,000	9,743,802	11,047,000
Yuma	24	6	43,319	9,000	210,229	67,000
All other counties*	5	146	8,269	3,723,000	22,673	31,400,000
State	2,631	1,483	\$ 42,974,879	\$ 43,194,000	\$275,622,335	\$278,221,000

*"All other counties" includes Dolores, Hinsdale and Mineral counties.

†Included in "All other counties" to avoid disclosures.

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

CITY	Number Estab- lish- ments.	Wage- earners Av. No.	Wages	Cost of Materials	Value of Products
Boulder.....	21	160	\$ 203,823	\$ 391,967	\$ 801,860
Colorado Springs.....	60	451	611,423	1,943,266	3,727,458
Denver.....	686	15,077	19,970,520	72,530,686	125,762,865
Greeley.....	19	190	216,322	1,364,752	2,141,906
Pueblo.....	84	1,240	1,761,604	4,015,041	7,733,113
Trinidad.....	24	313	464,329	970,046	1,866,754
Remainder of state.....	522	14,536	19,779,653	89,975,785	136,744,052
Entire State.....	1,416	31,967	\$43,007,674	\$171,191,543	\$278,778,008

Note—Above statistics are for industries actually within the boundaries of the cities. Many of those included under "remainder of state" include industries located adjacent to the city limits but not within the city.

Revenue and Taxation

THE exact amount of money collected from the people of Colorado in the form of taxes of all kinds is difficult to determine for any given period on account of the variety of collection agencies representing different civil divisions and sub-divisions, lack of uniformity in fiscal years, and the interlocking of funds. A compilation comprising the year 1922, as far as possible, shows total revenues for federal, state, county, city and other civil divisions in the form of taxes, licenses and permits and special assessments, of \$65,119,000. This sum is equivalent to a per capita tax of \$79.02.

The data upon which this total is based are shown in an accompanying table, all of which was obtained from official sources. The aggregate sum from all sources may appear large, but an analysis of the figures shows that the collections are not as burdensome as may at first appear. Of the \$15,988,000 collected by the United States through the internal revenue department, for instance, \$10,920,000 represents taxes on incomes and profits of individuals, partnerships and corporations after all deductions allowed by law. The figures in reality measure the prosperity of the people. Likewise, \$2,999,000 represents special assessments in cities and towns for local improvements such as streets and sewers, which directly affect only the comparatively few people who benefit from the improvements, while \$512,000 came from inheritance taxes derived from a very minute proportion of the total population. The same is true in varying degrees of many other items

going to make up the total. The purpose of the compilation is to arrive at the aggregate cost of government to the people in the form of taxes of all kinds.

The table is based on the figures for fiscal years ending in 1922 for the state, counties, incorporated places and special civil divisions, and for the fiscal year ending June 30, 1923, for the internal revenue and custom receipts.

The population figures used are the census bureau's estimates for the middle of the fiscal year. Round figures are used for convenience in giving totals, but the per capita figures are based on actual amounts. The totals do not agree in some instances with figures of other departments of government, but this is due to the method of distributing them, and not to any discrepancy. Denver county, for instance, is co-extensive in area with the city of Denver and county figures are included with those of the city. Likewise, general school funds collected by the state and returned to the counties are included in county figures, while general property taxes for school districts are included under a separate heading.

In the field of property assessment, tables published on subsequent pages in this volume indicate that in the period from 1913 to 1929, inclusive—covering the time in which property assessments have been made on the basis of full cash value—all farm lands, including grazing lands, have been increased 77.12 per cent in acreage and 79.11 per cent in total assessed

value. In the same period town and city lots and improvements have increased 44.36 per cent in value; live-stock, poultry and bees, 18.35 per cent; agricultural implements, tractors and harness, 238.72 per cent, and bank deposits, 638.43 per cent. In the aggregate, all property except farm lands, assessed by the county assessors, has increased 56.57 per cent.

In the same period property assessed by the state tax commission has shown the following fluctuations: Railroads have decreased 11.72 per cent in mileage and increased 7.32 per cent in average value per mile; telephone lines have increased 81.11 per cent in mileage and have decreased 20.18 per cent in value per mile, and telegraph lines have decreased 1.14 per cent in mileage and have increased 78.44 per cent in value per mile. All property assessed by the tax commission has increased in value 7.45 per cent, com-

pared with an increase of 41.69 for all property assessed for taxation purposes in the state.

Comparisons of later years with years prior to 1913 are impossible, for the reason that until the last named year property assessments were made on the basis of one-third of actual cash value, the change to full value having been made in 1913.

Data on taxes collected by civil divisions for years subsequent to 1922 and up to and including 1929 are given in various tables accompanying this article with proper explanations of the sources of revenue and the purposes for which it is collected.

In the series of tables following this text all available information is given concerning the source of taxes, whether raised directly or indirectly, together with the purpose for which and the governmental agency through which the public funds are disbursed.

SUMMARY OF ALL TAXES, LICENSES AND PERMITS, SPECIAL ASSESSMENTS, INTERNAL REVENUE AND CUSTOMS DUTIES, 1922

Source	Total	Per Cent of Total	Per Capita
United States internal revenue receipts....	\$15,988,000	24.55	\$16.41
United States customs receipts.....	200,000	0.31	0.20
State	9,515,000	14.61	9.76
Counties	12,305,000	18.90	17.23
Incorporated places.....	11,092,000	17.03	18.98
School, irrigation and drainage districts....	16,019,000	24.60	16.44
Total and per capita for state.....	\$65,119,000	100.00	\$66.77

Note.—State per capita does not agree with total of other per capita figures, as not all taxes apply to entire state population.

TAXES, LICENSES AND PERMITS, AND SPECIAL ASSESSMENTS OF STATE, COUNTIES, INCORPORATED PLACES, AND LOCAL CIVIL DIVISIONS, 1922

(Bureau of Census)

State and All Other Civil Divisions	Total	General Property Taxes	Special Taxes	Poll Taxes	Licenses and Permits	Special Assessments
State	\$ 9,515,000	\$ 6,575,000	\$817,000	----	\$1,563,000	\$ 560,000
Counties	12,305,000	11,794,000	-----	-----	511,000	-----
Incorporated places.....	11,091,000	8,217,000	-----	\$8,000	567,000	2,299,000
School, irrigation and drainage districts.....	16,019,000	15,964,000	-----	-----	-----	55,000
Total, all sources.....	\$48,930,000	\$42,550,000	\$817,000	\$8,000	\$2,641,000	\$2,914,000

NOTE—Under total of \$16,019,000 for school, irrigation and drainage districts, is included general property taxes of \$13,500,000 for school districts; \$84,000 for drainage districts; \$2,380,000 for irrigation districts; and special assessments of \$55,000 for irrigation districts. State licenses and permits include \$991,000 automobile licenses. State special taxes include \$512,000 inheritance tax.

PER CAPITA TAXES, LICENSES AND PERMITS, AND SPECIAL ASSESSMENTS OF STATE, COUNTIES, INCORPORATED PLACES, AND LOCAL CIVIL DIVISIONS, 1922

State and All Other Civil Divisions	Total	General Property Taxes	Special Taxes	Poll Taxes	Licenses and Permits	Special Assessments
State -----	\$ 9.76	\$ 6.75	\$ 0.84	----	\$ 1.60	\$ 0.57
Counties -----	17.23	16.51	----	----	.72	----
Incorporated places -----	18.98	14.06	----	.01	.97	3.94
School, irrigation and drainage districts -----	16.44	16.39	----	----	----	.05
Total, all sources -----	\$62.41	\$53.71	\$ 0.84	\$ 0.01	\$ 3.29	\$ 4.56

TAXES, LICENSES AND PERMITS, AND SPECIAL ASSESSMENTS OF INCORPORATED PLACES, 1922

(Bureau of Census)

Incorporated City or Town	Total	Per Capita	General Property Taxes		Poll Taxes Total		Licenses and Permits		Special Assessments	
			Total	Per Capita	Total	Per Capita	Total	Per Capita	Total	Per Capita
Colorado Springs--	\$ 664,000	\$22.06	\$ 509,000	\$16.92	----	----	\$ 24,000	\$ 0.80	\$ 131,000	\$ 4.34
Denver-----	5,813,000	21.72	4,281,000	16.00	----	----	358,000	1.34	1,174,000	4.39
Pueblo-----	936,000	21.58	777,000	17.91	----	----	25,000	.58	134,000	3.08
Boulder-----	156,000	13.66	116,000	10.15	----	----	40,000	3.51	-----	-----
Fort Collins-----	517,000	58.13	103,000	11.58	----	----	17,000	1.91	397,000	44.63
Grand Junction--	147,000	16.49	109,000	12.28	----	----	3,000	.35	35,000	3.86
Greeley-----	153,000	13.09	143,000	12.21	\$3,000	\$.24	4,000	.36	3,000	.28
Trinidad-----	201,000	18.38	182,000	16.66	----	----	6,000	.50	13,000	1.22
Alamosa-----	36,000	11.45	33,000	10.41	----	----	3,000	.38	-----	-----
Brighton-----	58,000	21.41	56,000	20.63	----	----	2,000	.73	-----	-----
Canon City-----	57,000	12.52	44,000	9.77	1,000	.07	1,000	.24	11,000	2.45
Delta-----	27,000	10.35	26,000	9.96	----	----	1,000	.39	-----	-----
Durango-----	57,000	13.79	56,000	13.56	----	----	1,000	.23	-----	-----
Englewood-----	33,000	8.66	28,000	6.34	----	----	2,000	.55	8,000	1.77
Florence-----	38,000	14.37	35,000	13.35	----	----	1,000	.32	2,000	.70
Fort Morgan-----	74,000	19.50	33,000	8.64	----	----	2,000	.62	39,000	10.24
La Junta-----	82,000	16.56	67,000	13.43	----	----	2,000	.37	13,000	2.76
Lamar-----	50,000	19.84	49,000	19.53	----	----	1,000	.31	-----	-----
Leadville-----	34,000	6.89	32,000	6.51	----	----	2,000	.38	-----	-----
Longmont-----	111,000	18.89	62,000	10.58	----	----	1,000	.19	48,000	8.13
Loveland-----	72,000	14.22	51,000	10.19	1,000	.10	2,000	.39	18,000	3.54
Montrose-----	41,000	11.44	40,000	11.00	----	----	1,000	.44	-----	-----
Rocky Ford-----	48,000	12.82	38,000	10.14	----	----	1,000	.27	9,000	2.41
Salida-----	30,000	6.42	29,000	6.20	----	----	1,000	.22	-----	-----
Sterling-----	171,000	26.64	84,000	13.16	----	.05	5,000	.72	82,000	12.71
Walsenburg-----	27,000	7.41	26,000	7.14	----	----	1,000	.27	-----	-----
Towns less than 2,500-----	1,453,000	12.32	1,208,000	10.24	3,000	.02	60,000	.50	182,000	1.51
Total-----	\$11,091,000	\$18.98	\$8,217,000	\$14.06	\$8,000	\$ 0.01	\$567,000	\$ 0.97	\$2,299,000	\$ 3.94

**TAXES, LICENSES AND PERMITS, AND SPECIAL ASSESSMENTS OF
COUNTIES, 1922**

(Bureau of the Census)

COUNTY	Total	Per Capita	General Property Taxes		Licenses and Permits	
			Total	Per Capita	Total	Per Capita
Adams	\$ 374,000	\$23.58	\$ 353,000	\$22.25	\$ 21,000	\$ 1.32
Alamosa	86,000	16.21	83,000	15.65	3,000	.56
Arapahoe	231,000	15.75	211,000	14.36	20,000	1.39
Archuleta	60,000	16.29	59,000	16.12	1,000	.17
Baca	124,000	12.05	121,000	11.71	3,000	.34
Bent	174,000	16.00	170,000	15.60	4,000	.40
Boulder	399,000	12.37	380,000	11.78	19,000	.59
Chaffee	120,000	15.35	117,000	15.01	3,000	.34
Cheyenne	109,000	28.96	106,000	28.10	3,000	.86
Clear Creek....	57,000	19.83	57,000	19.78	.....	.05
Conejos	85,000	9.90	83,000	9.69	2,000	.22
Costilla	59,000	11.45	58,000	11.24	1,000	.21
Crowley	104,000	15.14	101,000	14.76	3,000	.39
Custer	41,000	18.40	40,000	18.11	1,000	.29
Delta	262,000	19.16	256,000	18.71	6,000	.44
Denver*	.....	.....	.....	.....	.....	.....
Dolores	35,000	25.20	35,000	25.10	.....	.10
Douglas	94,000	26.25	92,000	25.59	2,000	.65
Eagle	145,000	41.53	144,000	41.29	1,000	.24
Elbert	468,000	10.60	439,000	9.94	29,000	.66
El Paso.....	199,000	26.89	195,000	26.42	4,000	.47
Fremont	306,000	17.10	297,000	16.62	9,000	.48
Garfield	297,000	31.95	294,000	31.58	3,000	.37
Gilpin	38,000	28.35	38,000	28.18	.....	.17
Grand	64,000	22.17	63,000	21.93	1,000	.24
Gunnison	154,000	27.60	153,000	27.35	1,000	.25
Hinsdale	18,000	32.80	18,000	32.57	.....	.23
Huerfano	260,000	14.59	260,000	14.57	.....	.03
Jackson	34,000	23.94	30,000	21.47	4,000	2.47
Jefferson	144,000	9.99	132,000	9.15	12,000	.84
Kiowa	99,000	24.98	94,000	23.81	5,000	1.17
Kit Carson....	237,000	25.50	230,000	24.77	7,000	.73
Lake	200,000	17.65	197,000	17.37	3,000	.28
La Plata.....	121,000	18.24	115,000	17.33	6,000	.91
Larimer	540,000	18.92	491,000	17.19	49,000	1.73
Las Animas....	521,000	12.92	521,000	12.92	.....	.....
Lincoln	188,000	21.17	184,000	20.70	4,000	.47
Logan	364,000	17.56	343,000	16.66	21,000	1.00
Mesa	372,000	16.69	363,000	16.27	9,000	.42
Mineral	29,000	37.97	29,000	37.71	.....	.25
Moffat	88,000	15.36	87,000	15.10	1,000	.26
Montezuma	109,000	16.57	107,000	16.31	2,000	.26
Montrose	255,000	20.82	250,000	20.42	5,000	.40
Morgan	213,000	11.95	194,000	10.91	19,000	1.04
Otero	331,000	13.55	305,000	12.50	26,000	1.05
Ouray	86,000	32.98	85,000	32.74	1,000	.23
Park	72,000	36.10	71,000	35.66	1,000	.43
Phillips	113,000	18.51	103,000	16.86	10,000	1.65
Pitkin	90,000	33.01	89,000	32.71	1,000	.30
Prowers	213,000	14.23	199,000	13.28	14,000	.95
Pueblo	835,000	14.14	787,000	13.33	48,000	.81
Rio Blanco....	76,000	22.62	75,000	22.37	1,000	.25
Rio Grande....	114,000	13.88	109,000	13.26	5,000	.62
Routt	162,000	16.22	160,000	16.01	2,000	.21
Saguache	109,000	22.83	107,000	22.38	2,000	.45
San Juan.....	55,000	32.47	55,000	32.39	.....	.08
San Miguel....	126,000	23.27	125,000	23.10	1,000	.17
Sedgwick	137,000	30.46	130,000	28.99	7,000	1.48
Summit	83,000	48.11	81,000	46.82	2,000	1.29
Teller	107,000	16.03	105,000	15.74	2,000	.29
Washington ...	255,000	20.30	240,000	19.08	15,000	1.22
Weld	1,168,000	20.18	1,100,000	19.00	68,000	1.17
Yuma	296,000	19.34	278,000	18.16	18,000	1.18
Total.....	\$12,305,000	\$17.23	\$11,794,000	\$16.51	\$511,000	\$ 0.72

* Tabulated as municipal; coextensive with the city of Denver.

**MILEAGE AND VALUE OF RAILROADS, TELEGRAPH AND TELEPHONE LINES AS
RETURNED BY STATE TAX COMMISSION FOR 1929**

COUNTY	Miles of Railroad	Value	Miles of Telephone	Value	Miles of Telegraph	Value
Adams	92.20	\$ 4,195,520	6,167.52	\$ 230,540	1,306.20	\$ 128,760
Alamosa	51.45	1,522,300	1,503.50	51,660	80.92	8,960
Arapahoe	62.94	2,549,380	6,977.52	244,520	760.31	77,860
Archuleta	63.10	1,867,010	315.25	13,090	89.65	9,930
Baca	47.24	1,949,440	687.00	23,560	46.88	5,190
Bent	77.59	3,201,880	1,946.00	78,680	519.20	36,830
Boulder	98.26	3,592,070	13,281.24	458,950	237.99	26,370
Chaffee	76.95	2,276,800	2,055.00	70,480	382.90	41,400
Cheyenne	63.12	2,775,720	503.00	17,250	631.30	69,940
Clear Creek	26.03	921,130	1,103.00	37,830	32.42	3,590
Conejos	54.05	1,599,230	1,150.00	38,770	106.52	11,800
Costilla	63.63	999,780	1,018.05	34,430	62.42	6,920
Crowley	31.35	1,110,730	1,157.20	45,000	64.58	7,150
Custer	12.65	374,290	297.00	10,030	25.06	2,780
Delta	69.50	2,056,370	3,877.00	128,530	204.64	22,670
Denver	58.94	2,524,590	228,869.68	7,855,910	608.76	57,650
Dolores	17.72	106,320	45.30	3,260	16.67	1,850
Douglas	94.39	3,336,540	3,089.32	125,250	1,688.83	152,450
Eagle	82.21	2,205,830	944.50	30,980	452.24	50,100
Elbert	83.24	3,329,710	509.00	17,460	507.86	56,260
El Paso	190.58	6,740,720	29,539.18	1,044,890	2,215.02	203,260
Fremont	101.38	3,236,410	4,279.00	145,820	488.11	46,900
Garfield	118.27	2,958,040	3,062.25	105,050	561.72	62,100
Gilpin	36.95	776,740	777.00	26,650	34.76	3,850
Grand	76.58	1,124,910	1,246.00	41,810	-----	-----
Gunnison	194.73	5,834,010	1,462.66	55,630	184.38	16,960
Hinsdale	9.40	278,130	71.00	2,010	-----	-----
Huerfano	127.75	3,993,260	2,492.56	92,260	819.18	83,980
Jackson	43.88	209,580	238.00	8,160	-----	-----
Jefferson	98.58	3,087,810	10,882.00	372,310	378.02	41,880
Kiowa	87.49	3,099,760	268.00	9,190	175.00	19,390
Kit Carson	60.18	2,174,500	888.00	29,370	301.80	33,430
Lake	53.69	1,676,960	1,742.00	59,740	240.99	26,700
La Plata	121.00	2,878,410	2,383.53	81,530	159.83	17,710
Larimer	136.37	4,984,760	13,282.98	482,180	226.27	25,070
Las Animas	232.75	9,169,780	6,180.96	224,300	1,809.87	151,890
Lincoln	73.33	2,990,830	735.25	25,160	580.71	64,330
Logan	133.60	6,458,470	4,471.14	189,260	785.48	60,330
Mesa	112.25	3,118,910	7,225.90	250,690	703.69	77,960
Mineral	17.40	514,830	265.00	9,090	17.41	1,930
Moffat	7.49	107,400	703.00	25,740	-----	-----
Montezuma	62.69	376,140	939.00	28,040	59.59	6,600
Montrose	52.35	1,548,930	3,459.50	117,710	134.35	14,880
Morgan	90.53	4,274,390	5,259.34	204,390	1,026.90	92,670
Otero	92.58	3,819,420	4,809.20	171,470	1,071.57	74,620
Ouray	37.40	792,870	1,046.00	35,890	71.62	7,930
Park	95.97	3,396,120	1,355.00	46,670	593.32	65,730
Phillips	36.31	1,796,520	698.47	30,540	36.30	4,020
Pitkin	39.14	694,650	703.00	24,650	37.33	3,070
Prowers	80.78	3,333,520	3,412.12	133,560	551.73	39,460
Pueblo	211.17	7,023,710	27,305.02	965,190	2,041.06	183,260
Rio Blanco	7.80	107,480	721.50	26,780	-----	-----
Rio Grande	52.51	1,288,230	1,744.00	60,470	42.11	4,670
Routt	90.94	1,303,990	1,646.25	56,480	-----	-----
Saguache	107.10	3,157,480	1,319.00	45,900	163.23	16,130
San Juan	28.72	528,210	663.00	22,740	12.92	1,430
San Miguel	47.70	286,200	928.00	31,830	54.77	6,070
Sedgwick	31.48	1,389,120	1,437.00	63,260	369.40	29,350
Summit	44.94	1,590,300	845.00	27,810	105.99	11,740
Teller	39.55	1,125,120	3,428.00	117,560	-----	-----
Washington	40.44	2,007,810	878.61	35,100	422.76	45,470
Weld	401.56	15,818,820	16,125.12	582,510	3,223.04	290,280
Yuma	40.42	1,999,880	1,433.27	50,830	405.10	44,880
State	4,992.29	\$165,567,770	447,846.89	\$15,676,400	27,930.68	\$2,658,390

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 1928.* STATE LEVY 3.84 MILLS.

COUNTY	Valuation	Revenue	County Levy	Average Town Levy	Average School Levy	Average Total Levy
Adams	\$ 31,675,450	\$ 774,610.16	6.36	20.51	12.10	24.45
Alamosa	10,000,259	344,110.03	5.70	16.75	20.29	34.41
Arapahoe	22,613,895	707,651.40	6.12	15.94	17.05	31.29
Archuleta	4,676,546	129,709.66	10.65	16.70	11.68	27.74
Baca	12,883,680	344,797.66	7.44	15.89	14.87	26.76
Bent	13,630,010	318,193.49	6.42	12.00	11.96	23.35
Boulder	46,310,550	1,362,735.20	6.34	9.98	15.12	29.43
Chaffee	9,495,880	285,684.14	7.60	12.68	13.55	30.09
Cheyenne	15,669,747	256,182.03	2.95	17.00	9.24	16.45
Clear Creek	5,413,410	144,999.56	9.86	13.78	8.71	26.79
Conejos	9,026,850	294,575.47	9.61	13.68	17.64	30.63
Costilla	5,336,840	186,462.72	14.50	8.00	16.43	34.94
Crowley	10,002,920	292,964.95	5.80	15.07	17.35	29.29
Custer	3,203,125	82,288.38	9.00	8.31	12.29	25.69
Delta	15,155,415	596,676.97	12.03	12.42	14.56	39.37
Denver	448,014,345	14,426,061.91	4.742	9.948	13.95	32.20
Dolores	1,888,425	70,934.88	18.90	14.00	12.94	37.56
Douglas	11,363,250	216,035.24	6.10	22.00	8.34	19.01
Eagle	6,919,233	213,243.12	11.00	17.77	14.47	30.83
Elbert	17,885,019	340,750.94	4.38	12.45	11.20	19.60
El Paso	73,373,180	2,575,597.77	5.00	13.68	18.03	35.10
Fremont	23,589,225	748,316.75	6.34	12.25	17.07	31.72
Garfield	17,443,075	676,978.27	12.00	17.26	19.73	38.81
Gilpin	2,797,673	83,893.72	12.50	23.65	10.17	29.99
Grand	5,637,775	141,694.49	8.85	15.44	11.73	25.13
Gunnison	15,839,880	400,871.80	9.85	12.98	9.95	25.31
Hinsdale	955,310	45,208.14	27.25	22.00	13.78	47.32
Huerfano	17,163,169	645,625.12	11.85	11.20	19.51	37.58
Jackson	3,604,630	59,001.60	5.70	14.00	6.38	16.37
Jefferson	26,886,700	761,361.46	8.19	14.85	14.50	28.32
Kiowa	13,485,856	187,484.40	.32	18.25	9.39	13.90
Kit Carson	23,960,047	554,477.12	4.50	17.20	12.80	23.14
Lake	8,048,435	287,794.51	11.44	35.00	13.03	35.76
La Plata	15,495,540	507,934.57	9.00	11.01	16.67	32.78
Larimer	55,393,340	1,706,970.95	8.37	14.48	14.08	30.82
Las Animas	40,824,097	1,324,158.54	5.80	18.56	18.07	32.44
Lincoln	20,603,125	488,893.82	5.46	16.39	13.33	23.84
Logan	36,654,970	1,049,551.79	7.29	16.43	14.58	28.63
Mesa	29,685,240	985,069.55	7.00	14.61	17.04	33.18
Mineral	1,640,735	34,098.73	9.17	20.00	6.80	22.03
Moffat	7,460,925	239,417.93	12.00	18.00	13.82	32.09
Montezuma	6,451,240	241,682.86	13.12	14.43	17.98	37.46
Montrose	12,060,800	464,887.12	11.23	16.03	19.31	38.55
Morgan	29,152,520	831,073.20	7.152	11.44	15.55	28.51
Otero	31,995,170	872,317.84	4.20	14.14	14.85	27.26
Ouray	4,034,968	129,320.59	14.00	14.49	11.58	32.05
Park	8,931,015	147,048.68	7.00	4.75	5.75	16.46
Phillips	15,265,225	295,028.55	4.34	10.85	10.13	19.33
Pitkin	4,108,575	138,334.87	16.625	43.00	10.04	33.67
Prowers	21,196,415	582,128.36	6.35	13.43	15.07	27.46
Pueblo	80,226,460	3,098,838.52	4.67	28.00	18.02	38.63
Rio Blanco	6,228,135	163,218.51	9.09	12.50	12.25	26.21
Rio Grande	10,983,816	428,670.13	6.20	16.44	25.62	39.03
Routt	15,640,070	437,572.96	6.25	17.96	15.86	28.16
Saguache	11,451,875	291,756.17	7.00	11.67	13.83	25.48
San Juan	3,375,653	95,816.71	11.64	10.38	11.30	28.38
San Miguel	6,024,970	191,622.72	13.84	9.67	12.33	31.80
Sedgwick	13,223,420	364,593.45	8.282	18.06	12.84	27.57
Summit	4,544,918	114,592.46	10.00	13.41	10.14	25.21
Teller	5,336,070	217,977.34	13.10	52.31	14.57	40.85
Washington	19,116,665	487,071.42	4.50	12.00	16.39	25.48
Weld	104,315,670	3,126,714.43	6.71	14.40	16.68	29.95
Yuma	24,864,750	617,394.94	4.50	12.12	15.29	24.83
State	\$1,579,336,176	\$48,230,730.77	8.62	18.80	14.94	30.54

*From County Treasurers' Annual Statements.

COMPARATIVE ASSESSED VALUATION AS REPORTED BY TAX COMMISSION,
1923, 1924, 1925, 1927, 1928, 1929

COUNTY	1923	1924	1925	1927	1928	1929
Adams.....	\$ 32,493,982	\$ 31,770,460	\$ 31,771,520	\$ 31,445,460	\$ 31,726,560	\$ 32,229,890
Alamosa.....	9,234,277	9,260,459	9,346,936	9,667,542	10,000,259	9,997,212
Arapahoe.....	20,847,165	21,301,925	21,175,010	21,743,670	22,368,965	23,152,000
Archuleta.....	4,701,440	4,603,580	4,560,250	4,721,112	4,652,445	4,665,810
Baca.....	10,465,012	9,710,749	10,004,707	12,572,086	12,883,680	13,389,800
Bent.....	13,945,710	13,512,295	13,588,251	13,711,680	13,630,010	13,741,575
Boulder.....	46,767,829	46,753,280	47,273,532	46,482,020	46,327,665	46,872,840
Chaffee.....	10,566,990	10,590,445	10,489,660	9,314,490	9,488,820	9,610,955
Cheyenne.....	19,873,728	18,303,302	16,937,730	15,719,237	15,569,747	13,784,464
Clear Creek.....	5,533,725	5,488,825	5,424,380	5,434,395	5,411,005	5,411,690
Conejos.....	8,717,515	8,433,945	8,482,960	8,652,655	9,026,850	9,291,400
Costilla.....	5,666,640	5,401,112	5,244,260	5,265,270	5,336,840	5,312,665
Crowley.....	9,547,648	9,808,585	9,798,990	9,925,484	10,001,565	10,185,080
Custer.....	3,111,965	3,096,800	3,114,268	3,093,145	3,203,625	3,055,645
Delta.....	17,009,102	16,445,405	15,555,771	14,940,790	15,155,415	15,079,260
Denver.....	388,170,010	405,106,910	416,604,690	433,098,720	447,803,880	453,835,330
Dolores.....	1,745,228	1,560,443	1,630,444	1,752,495	1,888,425	1,825,115
Douglas.....	11,564,430	11,217,455	10,738,479	10,986,885	11,376,565	11,474,840
Eagle.....	6,551,254	6,385,168	6,522,163	6,840,019	6,921,631	7,176,615
Elbert.....	18,798,004	18,259,814	17,998,235	17,327,681	17,384,469	17,708,317
El Paso.....	70,056,730	70,661,250	70,999,530	72,036,880	73,306,745	75,393,330
Fremont.....	21,578,161	21,470,829	21,496,797	21,769,814	23,589,277	23,383,340
Garfield.....	17,472,170	16,770,960	16,760,930	16,980,175	17,436,520	18,036,195
Gilpin.....	2,820,720	2,831,029	2,636,555	2,793,099	2,798,456	2,877,759
Grand.....	4,675,450	4,539,060	4,683,230	5,532,415	5,580,350	5,813,895
Gunnison.....	16,005,045	15,855,290	15,633,235	15,888,625	15,830,005	15,956,050
Hinsdale.....	932,479	926,077	940,990	928,510	954,760	982,553
Huerfano.....	15,905,870	16,141,463	15,960,350	17,371,560	17,163,169	16,605,932
Jackson.....	4,238,020	3,846,730	3,677,870	3,797,490	3,558,540	3,855,680
Jefferson.....	24,158,345	24,692,740	25,711,450	26,252,315	26,817,590	27,775,520
Kiowa.....	14,401,847	14,161,089	14,353,803	13,388,075	13,480,566	13,187,310
Kit Carson.....	28,394,501	26,110,941	26,076,536	26,276,440	23,983,077	21,295,855
Lake.....	8,087,200	7,744,325	7,706,810	7,878,803	8,052,930	7,610,450
La Plata.....	15,076,393	15,084,263	15,264,755	15,303,920	15,507,430	15,520,611
Larimer.....	52,039,029	53,362,355	55,278,060	55,600,690	55,590,465	53,346,290
Las Animas.....	43,448,220	42,939,525	42,308,393	42,071,688	40,824,097	41,622,162
Lincoln.....	23,678,278	23,143,320	22,623,650	20,951,555	20,503,125	20,406,035
Logan.....	40,242,370	38,102,560	36,891,095	36,542,595	36,645,210	36,916,775
Mesa.....	29,623,271	29,447,230	29,712,195	29,245,600	29,557,440	30,225,510
Mineral.....	1,367,135	1,474,705	1,486,650	1,548,095	1,540,735	1,566,140
Moffat.....	6,181,385	6,128,905	6,572,136	7,551,813	7,305,434	7,374,850
Montezuma.....	6,310,885	6,120,240	6,296,535	6,215,870	6,542,315	6,564,155
Montrose.....	14,360,760	12,976,810	12,464,845	12,769,085	12,030,880	12,204,332
Morgan.....	28,918,038	28,626,940	28,299,506	28,188,420	28,896,120	28,881,820
Otero.....	33,702,793	33,694,130	34,495,560	33,387,852	31,826,660	32,013,510
Ouray.....	4,535,849	4,128,887	4,020,672	4,012,050	4,034,268	4,084,281
Park.....	8,834,705	8,481,555	8,510,030	8,959,310	8,923,880	8,895,205
Phillips.....	17,286,495	15,910,370	14,914,375	15,535,370	15,265,225	15,435,890
Pitkin.....	4,624,100	4,560,290	4,448,460	4,197,694	4,066,476	3,915,120
Prowers.....	23,156,260	22,862,215	21,770,175	21,529,730	21,173,010	21,831,630
Pueblo.....	72,717,353	73,445,919	74,263,765	77,713,978	79,996,935	81,257,860
Rio Blanco.....	5,147,870	4,914,165	5,291,040	6,362,070	6,124,945	6,074,325
Rio Grande.....	11,489,000	10,701,820	10,483,371	10,839,122	10,983,818	10,931,025
Routt.....	14,917,450	14,446,455	14,605,133	15,872,130	15,240,510	15,907,960
Saguache.....	11,332,725	11,278,995	11,151,184	11,024,653	11,447,000	11,435,834
San Juan.....	3,259,985	3,297,850	3,613,684	3,900,758	3,375,653	3,440,058
San Miguel.....	7,704,430	7,129,420	6,742,990	6,106,550	6,015,900	5,427,270
Sedgwick.....	11,154,155	10,372,865	9,985,115	12,738,970	13,224,080	13,273,730
Summit.....	5,240,071	4,522,946	4,501,909	4,610,946	4,544,918	4,616,006
Teller.....	6,936,490	6,860,590	7,004,030	5,988,750	5,336,070	5,674,560
Washington.....	27,231,295	25,859,305	23,503,472	21,221,275	19,116,665	17,244,308
Weld.....	113,713,440	110,485,890	106,102,390	106,552,640	104,345,960	105,179,350
Yuma.....	25,421,180	24,973,470	25,236,990	25,108,450	24,864,750	25,058,795
State.....	\$1,543,589,602	\$1,538,096,720	\$1,540,732,487	\$1,565,290,666	\$1,577,560,380	\$1,586,919,769

DETAILED ASSESSMENT FOR ALL COLORADO PROPERTY, 1912-1929, 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 Improve- ments	Livestock, Poultry and Bees	Bicycles, Motorcycles, Automobiles, Planes	Bank Deposits	Ag. Imp., Tractors, Harness	Amount Invested in Mdse.	Capital in Manufac- turing	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	4,364,644	2,068,865	3,143,115	39,039,675	10,769,114	75,339,545	859,743,039
1914	5,472,154	60,879,869	375,237,261	61,455,511	5,855,126	12,601,812	6,600,377	39,336,101	8,185,690	78,136,176	912,486,185
1915	5,053,479	56,129,297	374,785,282	72,682,153	7,973,814	11,130,408	7,433,882	40,666,917	12,048,092	78,055,300	936,284,863
1916	5,451,655	60,011,642	378,961,582	81,548,835	11,399,299	13,677,436	7,555,531	41,655,204	19,413,290	79,092,969	987,109,979
1917	7,274,740	60,241,450	379,415,144	93,174,264	17,549,202	18,305,192	9,872,963	55,139,990	25,214,748	92,171,403	*1,057,718,759
1918	7,466,631	59,279,676	381,243,444	114,622,555	26,831,349	20,993,169	9,872,712	79,846,131	29,341,520	109,123,510	1,176,456,585
1919	7,760,066	55,506,510	385,779,834	114,571,936	32,291,605	16,845,540	12,189,286	92,462,521	31,936,595	121,292,271	1,283,436,529
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	418,766,292	68,921,432	51,112,260	8,217,902	14,077,186	87,361,814	41,037,125	95,580,457	1,351,837,539
1922	8,517,485	48,708,999	429,160,986	62,821,752	43,887,596	7,426,325	12,402,950	79,842,423	38,705,447	95,135,555	1,322,490,909
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	7,399,164	9,985,955	81,055,785	38,336,462	89,246,313	1,313,345,047
1926	7,013,614	49,242,857	593,718,773	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	513,553,845	49,337,956	48,085,926	8,138,408	10,198,982	76,648,132	37,919,898	84,385,349	1,332,474,176
1928	6,220,581	47,313,344	526,006,389	57,129,404	47,576,260	14,281,445	10,467,523	77,131,541	37,390,163	83,413,727	1,334,532,680
1929	6,262,518	43,556,226	529,374,806	62,350,561	53,685,246	15,277,173	10,646,398	73,714,596	12,464,438	145,258,142	1,346,068,169
Per Cent of increase or decrease, 1913 to 1929--	I. 5.32	D. 29.28	I. 44.36	I. 18.35	I. 1,230.00	I. 638.43	I. 238.72	I. 88.81	I. 15.74	I. 92.80	I. 56.57

*Includes \$1,219,265 increase ordered by Tax Commission.

ACRES, VALUE PER ACRE AND TOTAL VALUE OF AGRICULTURAL LANDS AS RETURNED FOR ASSESSMENT IN COLORADO, 1912-1929, INCLUSIVE.

YEAR	Fruit Land			Irrigated Land			Natural Hay Land			Dry Farming Land			Grazing Land			Total, Including Grazing Land	
	Acres	Value	Val. per Acre	Acres	Value	Val. Per Acre	Acres	Value	Val. per Acre	Acres	Value	Val. per Acre	Acres	Value	Val. per Acre	Acres	Value
1912-----	211,042	\$4,988,882	\$ 23.64	1,813,168	\$ 32,355,224	\$17.83	189,199	\$2,508,029	\$13.78	2,494,985	\$ 10,147,170	\$ 4.05	13,354,970	\$21,121,657	\$1.68	18,063,365	\$ 71,220,962
1912-----	23,836	6,774,119	284.19	2,248,274	123,778,342	55.05	115,606	2,668,450	23.08	3,353,081	27,300,436	8.14	13,876,229	53,764,276	3.87	19,517,025	214,285,633
1914-----	23,500	6,899,394	261.03	2,236,000	138,898,406	62.12	190,865	4,539,906	23.78	3,277,919	29,210,497	8.91	15,381,078	67,932,182	4.41	21,109,362	246,480,385
1915-----	28,813	5,906,723	209.36	2,154,168	143,427,442	55.58	214,242	5,501,942	25.57	3,502,656	33,009,038	9.16	15,284,222	76,928,115	4.66	22,284,101	253,773,260
1916-----	28,473	5,429,620	190.69	2,173,335	142,635,050	55.10	211,447	5,472,966	25.88	3,644,019	34,935,150	9.58	17,110,263	79,809,582	4.55	23,167,537	268,282,568
1917-----	29,076	5,467,705	188.05	2,114,917	146,739,916	69.38	247,457	5,509,093	25.30	8,265,507	78,679,563	9.52	13,090,752	65,559,940	5.01	23,748,719	302,956,217
1918-----	29,394	4,935,880	167.92	2,144,617	152,720,726	71.21	242,626	5,570,520	27.08	8,583,999	107,115,897	12.48	14,129,307	78,018,806	5.52	25,129,943	349,361,929
1919-----	31,247	5,283,365	169.08	2,246,475	170,817,162	75.04	220,739	5,522,935	29.55	10,002,192	145,972,248	14.59	14,132,159	75,408,676	5.34	25,632,813	404,004,386
1920-----	32,148	5,415,980	168.47	2,308,416	192,800,890	83.52	228,330	5,579,737	29.25	10,339,797	167,137,261	15.16	15,071,165	88,405,110	5.87	27,979,865	450,438,978
1921-----	32,084	6,254,095	163.76	2,292,701	191,430,830	83.45	263,395	7,344,393	27.88	11,161,376	178,472,552	15.91	15,693,783	88,303,927	5.66	29,343,340	470,805,897
1922-----	29,859	5,033,990	168.59	2,253,954	187,374,129	82.75	267,928	7,652,085	28.60	11,037,553	158,490,955	15.26	15,981,618	91,802,094	5.41	30,580,922	450,363,253
1923-----	30,229	4,937,037	153.32	2,287,653	182,531,436	79.79	272,021	7,714,385	28.35	11,119,294	161,831,775	14.65	18,059,178	92,620,558	5.13	31,758,375	449,635,202
1924-----	31,378	4,781,405	152.38	2,253,955	179,336,632	79.55	260,658	7,539,590	28.92	11,054,785	161,314,043	13.58	19,032,970	90,409,339	4.75	32,633,747	433,381,009
1925-----	30,352	4,480,357	147.51	2,283,110	173,219,787	75.87	251,525	7,531,229	29.18	11,540,465	150,057,870	12.89	19,652,156	82,460,126	4.22	33,767,609	417,849,359
1926-----	24,783	3,671,270	148.14	2,224,443	171,002,084	75.87	347,445	8,908,931	25.54	11,473,210	147,264,503	12.84	20,317,793	82,573,584	4.06	34,387,575	413,420,372
1927-----	20,045	3,287,165	153.99	2,249,195	159,851,231	75.51	328,920	8,594,150	25.43	11,559,097	143,889,054	12.45	20,724,215	81,135,753	3.92	34,881,473	406,867,353
1928-----	20,515	3,230,062	157.45	2,239,622	155,544,976	73.96	330,990	8,528,409	25.07	11,392,035	137,717,585	12.09	21,179,940	77,735,048	3.67	35,163,103	392,956,080
1929-----	20,771	3,177,745	152.99	2,192,566	165,980,544*	72.52	347,852	8,584,723	24.68	11,385,795	129,514,067	11.38	20,800,057	76,554,485	3.53	34,747,162	383,811,664
Per cent of increase or decrease, 1913-1929 -----	D. 12.86	D. 53.10	D. 46.17	D. 2.47	I. 34.90	I.31.73	I.200.89	I. 221.71	I. 6.93	I. 239.55	I. 374.41	I.39.79	I. 49.89	I. 40.52	D.6.20	I. 77.12	I. 79.11

*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.

Year	RAILROADS			TELEPHONE LINES			TELEGRAPH LINES			All Other Property	Total by Tax Commission	Total Assessment
	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	1,119,985,034
1914-----	5,814	179,450,890	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	62,830,300	247,567,650	1,305,286,409
1918-----	5,542	169,086,470	30,510	285,074	12,686,340	44.43	26,114	2,184,780	83.66	61,719,150	245,656,740	1,422,113,275
1919-----	5,500	165,833,130	30,151	307,613	12,722,800	41.36	26,916	2,221,400	82.53	50,999,800	231,777,130	1,495,213,659
1920-----	5,406	161,577,730	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	227,968,480	1,543,589,603
1924-----	5,459	160,669,940	29,432	416,136	13,879,710	33.35	26,971	2,505,740	92.91	50,714,760	227,770,150	1,540,500,479
1925-----	5,045	160,404,460	32,516	421,731	13,945,600	33.07	28,113	2,479,000	88.18	50,558,380	227,387,440	1,540,732,487
1926-----	5,036	158,898,470	31,552	469,564	14,146,180	30.12	28,283	2,634,790	93.16	50,259,840	225,939,280	1,546,830,046
1927-----	4,826	164,118,640	34,007	493,100	14,313,420	29.03	28,306	2,669,170	94.30	51,715,260	232,816,490	1,565,290,666
1928-----	4,995	161,387,910	32,309	490,555	14,499,940	29.56	27,852	2,639,930	94.79	54,499,920	233,027,700	1,577,560,380
1929-----	4,992	165,567,770	33,168	447,853	15,676,400	35.00	27,931	2,658,390	95.18	56,949,040	240,851,600	1,586,919,769
Per cent of increase or decrease 1913 to 1929----	D.11.72	D. 5.28	I. 7.32	I. 81.11	I. 44.57	D.20.18	D.11.14	I. 76.40	I. 78.44	D. 22.11	D. 7.45	I. 41.69

COMPARISON OF INCREASES OR DECREASES IN ASSESSMENTS, 1913 TO 1929

Assessments by Assessors	Acres or Miles Per Cent		Total Value Per Cent		Av. Value per Acre or per Mile Per Cent	
	Increase	Decrease	Increase	Decrease	Increase	Decrease
Fruit Land.....	.....	12.86	.....	53.10	.....	46.17
Irrigated Land.....	.....	2.47	34.90	.....	31.73	.....
Natural Hay Land.....	200.89	.....	221.71	.....	6.93	.....
Dry Farming Land.....	239.56	.....	374.41	.....	39.79	.....
Grazing Land.....	49.89	.....	40.52	.....	.....	6.20
Total Lands.....	77.12	.....	79.11	.....	.....	.....
Non-Ag. Land and Improve- ments .....	.....	.....	5.32	.....	.....	.....
Mineral Land and Improve- ments .....	.....	.....	.....	29.28	.....	.....
Town Lots and Improvements .....	.....	.....	44.36	.....	.....	.....
Livestock, Poultry and Bees .....	.....	.....	18.35	.....	.....	.....
All Motor Vehicles.....	.....	.....	1230.00	.....	.....	.....
Bank Deposits.....	.....	.....	638.43	.....	.....	.....
Agricultural Implements....	.....	.....	238.72	.....	.....	.....
Money in Merchandise.....	.....	.....	88.81	.....	.....	.....
Capital in Manufacturing....	.....	.....	15.74	.....	.....	.....
All Other Property.....	.....	.....	92.80	.....	.....	.....
Total by Assessors.....	.....	.....	56.57	.....	.....	.....
Assessments by Tax Commission						
Railroads .....	.....	11.72	.....	5.28	7.32	.....
Telephone Lines.....	81.11	.....	44.57	.....	.....	20.18
Telegraph Lines.....	.....	1.14	76.40	.....	78.44	.....
All Other Property.....	.....	.....	.....	22.11	.....	.....
Total by Tax Commission....	.....	.....	.....	7.45	.....	.....
Total Assessment for State..	.....	.....	41.69	.....	.....	.....

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1929,
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	274,458
1928 -----	0.52892	834,403	0.61989	977,914	0.38132	601,555	0.17534	276,609
1929 -----	1.02672	1,629,240	0.61989	983,666	0.38132	605,094	0.17534	278,236

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, 1912-1929,
INCLUSIVE—Continued

	Teachers College		Western State Coll.		Insane Hospital		Mute & 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

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1929,
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	4.0556	\$1,712,772
1913 -----	0.08290	108,300	-----	-----	0.02040	26,600	1.3000	1,698,447
1914 -----	0.12125	158,794	-----	-----	0.02028	26,558	1.3900	1,820,287
1915 -----	0.11950	149,280	0.5000	\$ 624,600	0.02030	25,334	2.1000	2,623,320
1916 -----	0.11950	144,797	0.5000	605,849	0.02030	24,573	2.0700	2,508,212
1917 -----	0.11950	155,981	0.5000	652,643	0.28040	365,951	3.1200	4,072,492
1918 -----	0.10650	151,455	0.5000	711,057	0.02870	40,815	2.7700	3,939,525
1919 -----	0.09800	146,531	1.0000	1,495,214	0.11680	174,581	3.4700	5,188,392
1920 -----	0.11990	190,673	0.9886	1,572,139	0.13010	206,895	3.4700	5,518,228
1921 -----	0.23180	365,807	0.9973	1,573,932	0.14160	223,544	4.3500	6,865,413
1922 -----	0.27500	425,870	0.9973	1,544,375	0.20310	314,540	4.4800	6,937,808
1923 -----	0.39800	614,198	0.5000	771,606	0.22460	346,620	3.9300	6,064,820
1924 -----	0.39400	606,958	0.5000	770,250	0.22060	339,850	3.7000	5,699,953
1925 -----	0.38600	594,723	0.5000	770,366	0.22730	350,255	3.7000	5,700,709
1926 -----	0.54600	844,549	0.5000	773,396	0.14380	222,475	3.6700	5,676,729
1927 -----	0.54000	845,257	0.5000	782,645	0.20330	318,271	3.8400	6,010,717
1928 -----	0.40190	634,021	0.5000	788,780	0.18330	289,214	3.5600	5,616,113
1929 -----	0.38410	609,505	-----	-----	0.27830	441,665	3.6600	5,807,833

Note.—The Miscellaneous column contains levies for stock inspection, war and other military uses, the state fair, blind benefit and other occasional items.

DETAILED STATEMENT OF ASSESSMENT FOR 1929
(From the Records of the State Tax Commission)

COUNTY	Valuation by County Assessor	Valuation by Tax Commission								Total Valuation	
		Railroad Companies	Telephone Companies	Telegraph Companies	Express Companies	Pullman Company	Private Car Lines	Self- Winding Clocks	Local Utility Companies		Total Valua- tion by Tax Commission
Adams-----	\$ 27,441,570	\$ 4,195,520	\$ 230,540	\$ 128,760	\$ 8,940	\$ 39,000	\$ 30,120	\$ 250	\$ 155,190	\$ 4,788,320	\$ 32,229,890
Alamosa-----	8,253,092	1,522,300	51,660	8,960	3,730	4,960	5,880	290	146,340	1,744,120	9,997,212
Arapahoe-----	19,452,440	2,549,380	244,520	77,860	6,250	28,650	18,610	370	773,920	3,699,560	23,152,000
Archuleta-----	2,750,200	1,867,010	13,090	9,930	4,540	-----	220	-----	20,820	1,915,610	4,665,810
Baca-----	11,358,010	1,949,440	23,560	5,190	3,570	-----	14,560	-----	35,470	2,081,790	13,389,800
Bent-----	10,315,105	3,201,880	78,680	36,830	5,580	14,540	27,570	-----	61,390	3,426,470	13,741,575
Boulder-----	38,880,910	3,592,070	458,950	26,370	7,220	19,440	28,970	470	3,868,440	7,991,930	46,872,840
Chaffee-----	6,795,555	2,276,800	70,480	41,400	5,070	18,590	15,360	220	387,480	2,815,400	9,610,955
Cheyenne-----	10,870,804	2,775,720	17,250	69,940	4,540	24,840	21,370	-----	2,913,660	2,913,660	13,784,464
Clear Creek-----	4,030,870	921,130	37,830	3,590	2,160	-----	-----	-----	416,110	1,380,820	5,411,690
Conejos-----	7,599,860	1,599,230	38,770	11,800	3,890	-----	480	-----	37,370	1,691,540	9,291,400
Costilla-----	4,226,585	999,780	34,430	6,920	4,570	12,630	13,120	-----	14,630	1,086,080	5,312,665
Crowley-----	8,854,730	1,110,730	45,000	7,150	2,260	12,340	9,880	90	142,900	1,330,350	10,185,080
Custer-----	2,651,055	374,290	10,030	2,780	910	-----	2,720	-----	13,860	404,590	3,055,645
Delta-----	12,758,280	2,056,370	128,530	22,670	5,000	-----	24,260	170	83,980	2,320,980	15,079,260
Denver-----	418,108,290	2,524,590	7,855,910	57,650	5,450	16,760	13,420	14,220	25,239,100	35,727,100	453,835,390
Dolores-----	1,675,255	106,320	3,260	1,850	1,280	-----	820	-----	36,330	149,860	1,825,115
Douglas-----	7,360,760	3,336,540	125,250	152,450	6,790	45,550	28,680	-----	418,820	4,114,080	11,474,840
Eagle-----	4,680,135	2,205,830	30,980	50,100	5,910	31,100	25,680	-----	146,880	2,496,480	7,176,615
Elbert-----	14,173,217	3,329,710	17,460	56,260	8,030	33,400	26,900	-----	64,340	3,535,100	17,708,317
El Paso-----	65,826,940	6,740,720	1,044,890	203,260	15,340	75,480	54,350	2,130	1,430,220	9,566,390	75,393,330
Fremont-----	18,395,010	3,236,410	145,820	46,900	6,010	27,940	33,310	360	1,491,080	4,988,330	23,383,340
Garfield-----	13,304,915	2,958,040	105,050	62,100	8,820	26,430	28,530	130	1,542,680	4,731,280	18,036,195
Gilpin-----	1,959,359	776,740	26,650	3,850	2,660	10,240	2,790	-----	95,470	918,400	2,877,759
Grand-----	4,584,815	1,124,910	41,810	-----	3,820	30,140	15,600	-----	12,800	1,229,080	5,813,895
Gunnison-----	10,034,150	5,834,010	55,630	16,960	8,410	-----	1,490	210	5,190	5,921,900	15,956,050
Hinsdale-----	686,973	278,130	2,010	-----	680	-----	-----	-----	14,760	295,580	982,553
Huerfano-----	11,524,302	3,993,260	92,260	83,980	9,300	38,620	35,920	-----	828,290	5,081,630	16,605,932
Jackson-----	3,634,540	209,580	8,160	-----	3,140	-----	260	-----	-----	221,140	3,855,680
Jefferson-----	23,267,960	3,087,810	372,310	41,880	8,250	10,410	9,540	-----	977,360	4,507,560	27,775,520

Kiowa-----	9,990,130	3,099,760	9,190	19,390	6,290	34,430	28,120	-----	3,197,180	13,187,310
Kit Carson-----	19,010,845	2,174,500	29,370	33,430	4,330	23,690	19,490	200	2,285,010	21,295,855
Lake-----	5,305,360	1,676,960	59,740	26,700	3,860	12,300	11,940	270	513,320	7,610,450
La Plata-----	11,631,781	2,878,410	81,530	17,710	8,710	5,010	5,010	400	3,888,530	15,820,611
Larimer-----	46,973,880	4,984,760	482,180	25,070	7,130	20,480	26,420	500	8,372,410	53,346,290
Las Animas-----	29,388,182	9,169,780	224,300	151,890	14,320	54,980	61,190	540	12,234,030	41,622,162
Lincoln-----	17,191,485	2,990,830	25,160	64,330	5,860	29,410	23,070	-----	76,370	3,214,550
Logan-----	29,745,925	6,453,470	189,260	60,330	10,890	38,990	43,920	300	369,690	7,170,850
Mesa-----	26,047,170	3,118,910	250,690	77,960	9,230	27,660	37,040	810	656,040	4,178,340
Mineral-----	987,190	514,830	9,090	1,930	1,250	-----	6,850	-----	45,000	578,950
Moffat-----	7,150,350	107,400	25,740	-----	5,420	2,950	1,450	-----	86,420	1,566,140
Montezuma-----	6,107,045	376,140	28,040	6,600	4,510	-----	2,290	-----	39,530	224,500
Montrose-----	10,374,432	1,548,930	117,710	14,880	3,770	-----	2,900	300	457,110	6,564,155
Morgan-----	24,136,750	4,274,390	204,390	92,670	6,760	36,850	28,990	-----	139,280	12,204,332
Otero-----	27,277,410	3,819,420	171,470	74,620	6,660	29,480	31,760	360	101,020	4,745,070
Ouray-----	3,071,191	792,870	35,890	7,990	2,690	-----	1,380	-----	602,330	4,736,100
Park-----	5,351,635	3,396,120	46,670	65,730	5,800	-----	330	-----	172,330	1,013,090
Phillips-----	13,589,580	1,796,520	30,540	4,020	2,610	-----	12,620	-----	28,920	3,543,570
Pitkin-----	3,093,140	694,650	24,650	3,070	1,460	-----	4,480	-----	1,846,310	8,895,205
Provers-----	18,277,760	3,333,520	133,560	39,460	5,800	15,160	26,270	100	821,960	15,435,890
Pueblo-----	68,481,250	7,023,710	965,190	183,260	15,770	79,040	52,550	1,580	3,593,120	3,315,120
Rio Blanco-----	5,939,505	107,480	26,750	-----	560	-----	-----	-----	3,553,870	21,881,630
Rio Grande-----	9,432,135	1,288,230	60,470	4,670	2,940	-----	13,330	270	12,776,610	81,257,860
Routt-----	13,992,990	1,303,990	56,480	-----	6,540	35,790	22,460	-----	4,455,510	12,776,610
Saguache-----	8,143,114	3,157,480	45,900	16,130	5,930	-----	310	-----	134,820	6,074,325
San Juan-----	2,704,968	525,210	1,430	1,430	940	-----	-----	-----	1,498,890	10,931,025
San Miguel-----	4,233,900	286,200	31,830	6,070	3,340	-----	2,020	90	489,710	15,907,960
Sedgwick-----	11,752,870	1,389,120	63,260	29,350	2,270	12,050	9,470	-----	66,970	3,292,720
Summit-----	2,601,866	1,590,300	27,810	11,740	3,230	-----	-----	-----	181,770	735,090
Teller-----	3,660,220	1,125,120	117,560	-----	-----	-----	1,490	-----	883,820	5,447,270
Washington-----	15,046,138	2,007,810	35,100	45,470	3,100	17,010	12,490	-----	1,213,370	13,273,730
Weld-----	86,991,170	15,818,820	582,510	290,280	26,700	56,380	112,360	750	1,520,860	15,200,860
Yuma-----	22,931,225	1,999,880	50,880	44,880	2,910	15,910	12,270	-----	2,014,140	5,616,006
State-----	\$1,346,068,169	\$165,567,770	\$15,676,400	\$2,658,390	\$347,840	\$1,063,620	\$1,106,310	\$25,330	770,170	2,014,340
									2,014,340	5,674,560
									2,198,170	17,244,308
									1,300,380	106,179,350
									890	25,068,795
									\$240,851,600	\$1,586,919,769

1929 COUNTY TAX LEVIES, IN MILLS, FOR ALL COUNTY PURPOSES; TAX COLLECTED IN 1930

[illegible]

Kiowa-----	1.00	2.72	2.54	0.87	0.08	0.34	---	---	---	0.47	---	4.06
Kit Carson-----	1.60	4.56	---	---	---	0.17	---	---	---	---	---	10.04
Lake-----	8.00	4.10	2.915	---	0.125	---	---	0.20	---	---	0.20	15.54
La Plata-----	3.90	5.00	4.50	0.22	0.10	---	0.18	0.45	---	---	---	14.55
Larimer-----	*3.16	3.87	3.40	---	0.12	---	0.14	---	---	---	---	12.37
Las Animas-----	4.00	5.00	3.00	---	0.02	---	---	0.15	---	---	---	15.67
Lincoln-----	1.55	5.63	2.60	0.75	---	0.17	0.21	---	---	0.20	0.05	11.26
Logan-----	2.20	4.15	2.00	0.44	0.044	0.363	0.102	0.165	---	0.724	0.05	14.81
Mesa-----	2.85	5.00	3.05	0.20	0.10	---	0.30	---	---	0.50	---	12.00
Mineral-----	5.50	3.00	2.50	---	0.05	---	---	---	---	1.00	---	15.67
Moffat-----	5.00	5.00	4.00	0.50	---	0.06	0.20	0.50	---	0.30	---	18.25
Montezuma-----	5.29	5.00	5.00	0.31	0.05	---	---	---	---	1.00	---	19.32
Montrose-----	3.81	5.00	3.50	---	0.10	0.16	0.52	0.57	---	0.85	---	21.27
Morgan-----	2.392	4.197	2.472	1.474	0.125	---	---	---	0.10	---	0.58	11.34
Otero-----	1.60	4.46	2.00	0.20	0.10	---	---	---	0.05	1.00	---	9.41
Ouray-----	3.50	5.00	3.00	0.50	---	---	0.60	3.00	0.10	1.00	---	21.50
Park-----	3.70	2.60	4.50	1.00	0.10	---	---	---	---	0.70	---	12.60
Phillips-----	2.10	3.32	1.25	0.32	0.06	0.20	0.12	0.64	---	0.25	---	10.81
Pitkin-----	7.625	5.00	2.50	---	0.125	---	2.00	5.00	---	0.75	---	23.00
Provers-----	3.00	4.80	3.00	0.50	0.01	---	---	---	0.10	0.50	---	11.33
Pueblo-----	1.71	4.59	1.32	0.30	0.16	---	---	0.42	---	0.75	---	9.25
Rio Blanco-----	4.50	4.80	2.50	0.40	---	---	---	0.60	---	0.50	---	17.34
Rio Grande-----	4.00	5.00	2.25	---	---	---	0.20	0.75	---	1.00	---	13.20
Routt-----	3.00	4.50	2.50	---	---	0.20	0.30	---	0.20	0.75	---	12.45
Saguache-----	3.50	3.00	3.00	---	---	---	---	---	---	0.70	---	12.80
San Juan-----	4.90	3.50	3.33	1.00	0.12	---	0.90	1.00	---	0.83	---	15.58
San Miguel-----	5.00	5.00	4.34	1.00	---	---	---	---	---	2.00	---	22.34
Sedgwick-----	5.00	3.74	3.02	---	---	---	1.00	---	0.50	0.24	---	17.40
Summit-----	5.00	3.00	3.00	1.00	0.125	---	---	---	---	1.00	---	13.375
Teller-----	8.00	5.00	2.50	---	0.10	---	---	---	---	---	2.50	18.10
Washington-----	2.00	5.00	2.25	0.525	0.125	---	---	---	---	0.35	---	14.25
Weld-----	1.36	4.13	3.00	1.50	---	---	---	---	---	0.85	---	10.84
Yuma-----	1.50	5.00	2.00	0.35	0.10	0.15	---	---	---	0.40	---	12.80
State Averages-----	4.10	4.13	2.86	0.58	0.01	0.19	0.61	1.23	0.17	0.77	---	14.03

*Includes other items that cannot be segregated.

†Includes Bond Interest.

‡Mostly county high school.

§Includes levies wholly municipal in character.

School district levies are not included.

RECEIPTS OF STATE GOVERNMENT FOR 1923 TO 1927, INCLUSIVE

NOTE.—This table is compiled from reports of the bureau of the census of the United States department of commerce. Owing to the use of different classifications and inclusion of items not handled through the state auditing department, the figures are not comparable with the auditor's reports.

Revenue Receipts					
	1923	1924	1925	1926	1927
Taxes:					
General property	\$ 6,913,075	\$ 6,215,155	\$ 5,844,144	\$ 5,659,605	\$ 5,611,972
Special:					
Property	200,225	190,682	182,517	183,679	.....
Inheritance	703,731	864,161	911,029	876,009	674,690
All others.....	89,190	102,169	93,715	86,600	272,093
Poll	342	131	166	122	15
Business license taxes.....	*1,406,599	*2,373,389	.....	.....	.....
Gasoline .....	.....	.....	1,847,641	2,085,333	3,012,626
All others.....	.....	.....	672,989	724,291	763,558
Non-business license taxes:					
Motor vehicles	635,590	660,958	789,358	828,884	876,413
All others.....	205,736	213,959	242,555	229,956	269,857
Permits	8,372	9,573	9,610	6,208	6,194
Special assessments and special charges for outlays.....	932,282	871,404	883,414	53,558	93,927
Fines, forfeits, escheats.....	19,431	19,054	18,416	4,029	4,596
Subventions and grants, donations and pension assessments:					
From U. S. Government.....	1,508,439	1,791,013	1,662,461	1,424,488	1,445,798
From private persons and corporations.....	55,597	191,170	17,226	121,296	57,200
Rents and interest:					
Sinking and trust funds.....	477,043	447,066	540,730	322,398	473,766
Interest	523,534	542,280	521,933	709,399	660,160
Earnings of general departments.....	1,394,289	1,572,353	1,651,102	1,979,621	2,125,555
Total revenue receipts.....	\$15,073,975	\$16,065,017	\$15,888,116	\$15,295,976	\$16,348,420

* Not segregated.

Note.—The detail figures for 1928 have not yet been published, but a general summary gives total revenue receipts of \$18,808,280 for the fiscal year ended November 30. This was equal to \$17.27 per capita. Property and special taxes represented 37.9 per cent of total revenues for 1928, 40.1 per cent for 1927 and 56.9 per cent for 1917. Earnings of general departments represented 11.2 per cent of total revenues for 1928, 13 per cent for 1927 and 14.6 per cent for 1917. Business and non-business licenses constituted 33.3 per cent of total revenues in 1928, 30.1 per cent in 1927 and 10 per cent in 1917.

DISTRIBUTION OF GENERAL TAX IN COLORADO FOR 1929*
(From the Records of the State Tax Commission)

COUNTY	Assessed Valuation	Per Cent of Total Value of State	State Revenue	Per Cent of Total Tax of County	Per Cent of Total State Revenue	County Revenue	Per Cent of Total Tax of County	Town Revenue	Per Cent of Total Tax of County	School Revenue	Per Cent of Total Tax of County	Total County Tax	Per Cent of Total Property Tax of State
Adams	\$ 32,167,140	2.02	\$ 117,731.73	14.89	2.02	\$ 202,009.64	25.54	\$ 80,112.99	10.13	\$ 390,968.09	49.44	\$ 790,822.45	1.59
Alamosa	9,997,212	.63	36,589.80	10.03	.63	57,184.06	15.68	59,040.18	16.19	211,942.74	58.10	364,756.78	.73
Arapahoe	23,516,600	1.48	86,070.76	11.64	1.48	133,339.12	18.03	103,311.83	13.97	416,701.03	56.36	739,422.74	1.49
Archuleta	4,675,980	.29	17,114.09	14.06	.29	39,979.63	32.86	8,746.41	7.19	55,840.32	45.89	121,680.45	.24
Baca	13,389,800	.84	49,006.67	13.04	.84	98,281.13	26.14	16,024.60	4.26	212,649.57	56.56	375,961.97	.76
Bent	13,741,575	.86	50,294.16	14.81	.86	101,550.24	29.89	22,854.86	6.73	165,005.30	48.57	339,704.56	.68
Boulder	46,862,800	2.94	171,517.85	12.00	2.94	339,286.67	23.75	213,454.39	14.94	704,577.02	49.31	1,428,835.93	2.88
Chaffee	9,682,585	.60	36,072.63	10.72	.60	114,992.22	35.13	48,304.74	14.75	128,925.25	39.39	327,295.84	.66
Cheyenne	12,789,359	.80	50,469.05	19.86	.87	43,436.48	17.09	10,422.04	4.10	149,784.29	58.95	254,111.86	.51
Clear Creek	6,419,530	.34	19,835.48	12.73	.34	65,905.06	35.52	25,474.40	16.35	53,595.19	34.40	155,810.13	.31
Conejos	9,291,400	.58	34,006.52	10.41	.58	111,496.80	34.13	15,640.95	5.09	154,566.59	50.37	326,710.87	.66
Costilla	5,312,665	.33	19,444.35	9.79	.33	74,377.31	37.45	2,545.47	1.28	102,247.58	51.48	198,614.81	.40
Crowley	10,169,835	.64	37,221.59	13.13	.64	45,255.76	15.96	26,429.77	9.32	174,641.73	61.59	283,548.85	.57
Custer	3,055,846	.19	11,184.39	13.02	.19	32,086.37	37.35	3,158.39	3.68	39,452.31	45.94	85,881.46	.17
Delta	15,079,280	.95	55,190.09	9.10	.95	187,736.78	30.94	56,759.87	9.35	307,100.76	50.51	606,787.50	1.22
Denver	458,290,360	28.78	1,677,342.72	11.33	28.76	2,173,212.88	14.68	4,627,815.05	31.26	6,324,406.97	42.73	14,802,778.63	29.80
Dolores	1,825,115	.12	5,679.92	9.46	.12	35,407.23	50.16	4,123.77	5.84	24,386.81	34.64	70,597.73	.14
Douglas	11,481,170	.72	42,020.98	18.95	.72	70,035.12	31.58	11,458.15	5.17	98,259.53	44.30	221,773.89	.45
Eagle	7,176,615	.45	25,266.41	12.11	.45	82,531.07	38.05	11,728.91	5.41	95,318.91	44.42	216,845.30	.44
Elbert	17,708,570	1.11	64,813.37	17.36	1.11	86,949.08	23.29	8,234.90	2.21	213,349.83	57.14	373,347.18	.75
El Paso	76,683,240	4.75	275,634.66	10.49	4.74	377,916.19	14.33	637,060.74	24.15	1,345,938.14	51.03	2,637,549.73	6.31
Fremont	23,378,090	1.47	85,563.81	11.33	1.47	148,217.09	19.53	114,146.03	15.11	407,315.63	53.93	755,242.56	1.52
Garfield	18,068,666	1.13	66,130.95	9.68	1.13	198,754.21	29.08	53,712.34	9.32	354,888.57	51.92	683,486.07	1.38
Gilpin	2,877,759	.18	10,532.60	12.11	.18	35,971.99	41.36	10,372.27	11.93	30,108.08	34.61	86,984.94	.18
Grand	5,816,355	.37	21,287.85	15.53	.37	52,812.51	38.78	5,767.79	4.24	55,307.01	41.35	136,175.17	.27
Gunnison	15,917,200	1.00	58,256.95	14.65	1.00	139,275.50	35.03	31,047.14	7.81	169,043.81	42.51	397,623.40	.80
Hinsdale	1,005,867	.06	3,681.44	7.80	.05	27,409.60	58.09	2,693.39	5.71	13,396.49	28.40	47,180.92	.09
Huerfano	16,605,932	1.04	60,777.71	10.27	1.04	171,041.10	28.90	45,720.28	7.72	314,364.50	53.11	591,903.59	1.19
Jackson	3,903,750	.25	14,287.73	22.54	.24	21,275.45	33.66	3,075.48	4.85	24,758.51	39.05	53,398.17	.13
Jefferson	27,796,760	1.76	101,736.14	12.73	1.74	221,818.14	27.75	58,057.09	7.25	417,731.82	52.26	799,343.19	1.51
Kit Carson	13,220,059	.83	48,385.41	21.37	.83	17,714.87	7.82	8,732.98	3.86	151,534.64	66.95	226,367.90	.46
La Plata	21,295,856	1.34	77,942.83	14.02	1.34	116,701.28	20.99	51,976.77	9.35	309,321.53	55.64	556,942.41	1.12
Lake	7,603,815	.48	27,829.96	9.93	.48	86,987.54	31.05	59,191.83	21.13	105,166.04	37.89	280,175.47	.56
La Pinta	15,501,175	.97	56,734.30	10.61	.97	148,036.22	27.67	56,001.57	10.47	274,193.27	51.25	534,965.46	1.08
Larimer	53,484,980	3.36	195,755.02	11.78	3.36	454,622.33	27.36	252,448.79	15.79	748,962.93	45.07	1,561,789.07	3.34
Las Animas	41,965,570	2.63	153,557.39	10.85	2.63	300,821.43	21.26	198,932.66	14.06	751,773.70	53.83	1,415,085.18	2.85
Lincoln	20,406,035	1.28	74,686.09	14.83	1.28	114,885.98	22.80	31,299.94	6.22	282,861.52	56.16	603,733.53	1.01
Logan	36,915,800	2.32	135,111.83	12.55	2.32	239,952.71	22.30	138,907.33	12.91	562,272.05	52.24	1,076,243.92	2.17
Mesa	30,225,510	1.90	110,625.37	10.76	1.90	211,578.55	20.57	169,864.45	16.52	536,402.59	52.15	1,028,470.97	2.07
Mineral	1,566,140	.10	5,732.07	16.33	.10	14,361.50	40.92	4,379.10	12.48	10,625.87	30.27	35,098.54	.07
Moffat	7,364,950	.46	26,955.72	10.77	.46	97,585.58	38.99	20,409.52	8.15	105,337.81	42.09	250,288.53	.50
Montezuma	6,564,215	.41	24,025.02	9.70	.41	80,871.12	32.55	22,167.58	8.95	120,585.58	48.69	247,649.30	.50
Montrose	12,314,450	.77	45,070.89	9.31	.77	151,098.30	31.19	52,018.98	10.74	235,215.34	48.76	484,403.51	.98
Morgan	29,101,210	1.83	106,510.40	12.85	1.83	207,869.88	25.08	54,758.90	7.81	449,717.44	54.26	828,856.62	1.67
Otero	32,300,715	2.03	118,220.62	12.47	2.03	159,888.53	16.87	153,545.79	16.20	516,047.93	54.46	947,702.87	1.91
Ouray	4,086,041	.26	14,964.91	11.21	.26	53,118.53	39.82	14,362.56	10.77	50,947.19	38.20	133,383.19	.27
Park	8,904,500	.56	32,590.47	22.17	.56	62,331.50	42.39	1,425.11	.97	50,681.86	34.47	147,028.94	.30
Phillips	15,435,890	.97	56,495.36	17.80	.97	72,085.51	22.72	19,958.16	6.29	158,799.20	53.19	317,338.33	.64
Pitkin	3,938,165	.26	14,413.68	10.41	.25	70,886.99	51.17	13,147.68	9.49	40,082.48	28.93	138,530.83	.28
Prowers	22,012,235	1.38	80,554.78	12.24	1.38	156,947.23	23.84	58,889.47	10.45	351,997.56	53.45	658,399.04	1.32
Pueblo	81,450,092	5.12	298,107.34	9.55	5.11	379,567.43	12.15	983,128.41	31.51	1,459,733.60	46.78	3,120,526.78	6.28
Rio Blanco	5,958,175	.37	21,806.92	13.47	.37	55,053.55	34.02	8,338.43	5.15	75,650.74	47.36	161,849.64	.33
Rio Grande	10,941,980	.69	40,047.55	8.99	.69	89,724.24	20.17	39,073.92	8.78	76,228.80	62.06	445,074.61	.90
Routt	15,907,960	1.00	58,223.13	12.38	1.00	126,468.28	26.88	45,191.71	9.61	240,493.27	51.13	470,376.39	.95
Saguache	11,477,884	.72	42,009.05	13.86	.72	84,936.34	28.03	12,657.49	4.18	153,423.84	53.93	303,026.72	.61
San Juan	3,440,058	.22	12,590.61	12.89	.22	41,555.90	42.52	5,670.92	5.72	37,015.02	37.87	97,732.45	.20
San Miguel	5,439,315	.34	19,907.89	10.25	.34	94,317.72	48.55	11,897.48	6.12	68,151.18	35.08	194,274.27	.39
Sedgwick	13,277,680	.83	48,596.31	12.30	.83	116,312.47	29.47	36,322.22	9.20	193,613.68	49.03	394,844.68	.80
Summit	4,639,146	.29	16,979.27	14.30	.29	48,131.13	40.55	7,096.65	5.98	46,502.58	39.17	118,709.73	.24
Teller	5,674,560	.36	20,768.89	8.84	.35	74,336.73	31.64	56,124.20	23.89	83,713.72	35.63	234,943.54	.47
Washington	17,245,073	1.08	53,116.97	13.70	1.08	90,536.52	19.66	18,130.62	3.94	288,820.35	62.70	460,504.55	.93
Weld	105,202,720	6.61	385,041.95	11.87	6.60	705,910.25	21.77	327,052.91	10.08	1,825,116.15	56.28	3,243,121.27	6.53
Yuma	25,058,795	1.57	91,715.19	13.80	1.57	112,764.58	16.95	36,543.87	5.50	423,719.53	53.74	664,743.17	1.34
State	\$1,592,397,772	100.00	\$5,831,835.70	11.74	100.00	\$10,318,495.46	20.78	\$9,328,844.35	18.78	\$24,185,282.68	48.70	\$49,665,458.19	100.00

*From County Treasurers' Annual Statements.

RECEIPTS OF STATE GOVERNMENT FOR 1923 TO 1927, INCLUSIVE

NOTE.—This table is compiled from reports of the bureau of the census of the United States department of commerce. Owing to the use of different classifications and inclusion of items not handled through the state auditing department, the figures are not comparable with the auditor's reports.

Revenue Receipts	1923	1924	1925	1926	1927

COUNTY MILL LEVIES, EXCLUSIVE OF GENERAL AND SPECIAL SCHOOL LEVIES

	1913	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
Adams-----	4.00	6.00	8.00	9.50	7.82	6.32	5.67	5.60	6.05	5.88	5.29	6.36	6.28
Alamosa-----	10.11	6.25	7.90	7.45	5.75	5.72	6.22	6.22	6.31	6.30	6.18	5.70	5.72
Arapahoe-----	5.80	4.00	4.50	4.50	4.50	5.82	4.97	4.82	5.59	6.57	6.42	6.12	5.67
Archuleta-----	11.50	11.15	11.75	11.50	7.10	8.10	8.65	8.65	9.04	7.45	3.55	10.65	8.55
Baca-----	7.50	6.40	9.53	7.25	6.75	6.42	5.40	4.50	6.30	6.38	6.16	7.44	7.34
Bent-----	7.61	7.22	9.05	5.575	7.22	5.07	5.283	4.75	5.32	6.17	6.48	6.42	7.89
Boulder-----	5.00	6.23	7.23	7.23	6.375	6.175	5.875	6.375	5.925	5.775	6.21	6.84	7.24
Chaffee-----	6.10	7.00	8.50	8.50	7.90	8.55	7.70	8.55	8.75	8.75	7.55	7.60	12.00
Cheyenne-----	4.50	5.45	4.95	7.20	3.86	2.62	2.50	2.44	3.45	3.43	3.70	2.95	3.15
Clear Creek-----	13.20	9.90	11.40	11.90	7.90	7.90	9.90	8.90	10.60	10.10	10.60	9.85	10.50
Conejos-----	6.53	8.55	8.55	8.55	8.55	8.50	9.85	9.65	9.50	10.30	10.20	9.61	12.00
Costilla-----	9.60	9.05	10.00	10.50	11.00	15.68	15.90	15.40	14.50	14.50	14.50	14.50	14.00
Crowley-----	4.80	5.90	7.20	8.00	6.07	5.64	7.63	6.64	6.64	6.59	6.65	5.80	4.45
Custer-----	8.00	7.50	9.60	9.60	10.025	9.50	8.50	9.50	8.00	8.50	8.30	9.00	10.50
Delta-----	5.13	4.80	6.50	10.00	8.00	6.36	6.78	6.91	8.54	8.64	10.22	12.03	12.45
Denver-----	0.66	4.15	4.26	2.38	2.16	2.51	3.765	4.627	4.855	4.597	4.707	4.742	4.742
Dolores-----	11.00	9.80	12.80	17.80	17.80	18.20	18.90	18.90	22.90	22.90	22.90	18.90	19.40
Douglas-----	6.85	7.91	8.92	10.32	5.70	5.70	6.95	5.90	5.90	6.10	6.10	6.10	6.10
Eagle-----	8.00	11.00	12.70	14.45	16.11	16.11	15.10	12.50	12.50	12.00	11.00	11.00	11.50
Elbert-----	5.30	5.64	7.116	6.986	6.41	5.41	5.38	4.715	5.62	4.93	4.97	4.38	4.91
El Paso-----	4.77	5.47	8.22	8.16	6.30	5.30	5.50	5.00	5.00	4.50	4.48	5.00	5.00
Fremont-----	5.88	7.70	9.53	9.53	3.95	6.95	7.37	7.60	7.80	7.63	7.66	5.84	6.34
Garfield-----	7.72	9.80	10.30	11.10	12.20	10.40	10.50	8.80	14.38	12.00	12.35	12.00	11.00
Gilpin-----	12.00	15.00	15.00	15.00	14.50	14.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
Grand-----	8.86	10.30	14.80	13.625	12.10	10.95	11.80	10.20	9.65	11.30	7.51	8.85	9.08
Gunnison-----	9.70	8.40	8.00	8.10	6.35	8.15	7.74	4.18	7.18	7.345	7.29	9.85	8.75
Hinsdale-----	18.00	16.75	18.00	13.50	19.50	20.50	21.05	25.00	24.00	24.00	24.00	27.25	27.25
Huerfano-----	9.70	9.20	10.50	10.50	11.50	8.50	8.50	8.02	10.28	10.75	8.75	11.85	10.30
Jackson-----	7.72	5.56	7.04	8.46	5.70	6.00	4.70	4.45	8.95	6.60	6.15	5.70	5.45
Jefferson-----	6.00	6.40	7.20	7.23	4.89	4.50	4.87	5.60	6.80	7.83	8.16	8.19	7.98
Kiowa-----	3.70	3.40	4.00	4.00	3.30	3.46	3.65	3.65	3.85	4.03	4.13	.32	1.34
Kit Carson-----	3.23	5.13	7.25	7.25	4.92	4.50	4.00	4.43	4.50	4.50	4.50	4.50	5.48
Lake-----	13.70	14.63	14.93	15.03	11.75	9.12	9.67	9.80	13.425	13.425	10.725	11.44	11.44
La Plata-----	6.50	7.13	9.87	10.87	7.83	7.83	7.84	7.81	8.83	8.43	10.350	9.00	9.55
Larimer-----	6.30	6.20	6.62	7.93	6.65	6.00	6.25	7.50	7.37	7.15	7.43	8.37	8.50
Las Animas-----	4.06	6.15	8.10	7.95	6.98	7.11	7.37	7.25	5.80	5.80	5.80	5.80	7.17
Lincoln-----	4.95	4.57	4.98	4.85	4.85	4.48	4.66	3.70	4.54	4.60	5.41	5.46	5.68
Logan-----	5.70	9.73	10.40	10.60	6.195	4.83	4.22	3.68	4.63	4.72	6.11	7.29	6.50
Mesa-----	5.20	6.57	8.70	7.76	8.41	7.53	8.60	7.60	7.50	7.60	7.60	7.00	7.00
Mineral-----	12.25	16.25	16.75	17.52	10.87	11.37	11.37	11.37	11.37	10.97	10.67	9.17	9.17
Moffat-----	0.10	12.20	12.60	12.72	10.60	8.90	10.25	10.25	9.75	10.425	12.00	12.00	13.25
Montezuma-----	9.00	14.68	14.93	14.90	12.77	11.77	13.48	13.25	13.75	13.65	13.75	13.12	12.32
Montrose-----	9.30	10.16	11.57	12.19	8.92	8.66	8.56	8.27	10.38	9.94	10.30	11.23	12.27
Morgan-----	6.34	5.23	8.53	10.53	1.73	3.738	2.94	2.65	4.57	3.78	6.75	7.152	7.14
Otero-----	7.65	5.03	5.83	5.24	5.05	5.22	5.00	5.00	4.50	4.50	4.50	4.20	4.95
Ouray-----	12.70	14.45	16.65	18.15	14.85	16.55	16.85	15.45	15.70	15.20	14.825	14.00	13.00
Park-----	6.30	9.30	9.00	9.00	7.75	8.00	7.00	8.00	7.00	6.50	7.00	7.00	7.00
Phillips-----	4.87	5.55	7.32	9.835	3.325	3.325	3.41	3.29	5.18	4.88	5.15	4.34	4.67
Pitkin-----	16.62	18.50	21.00	20.50	16.00	13.50	17.90	14.75	15.00	16.00	18.00	16.625	18.00
Prowers-----	6.60	6.00	7.10	7.10	5.70	5.50	4.91	4.855	4.85	4.85	4.85	6.35	7.13
Pueblo-----	5.90	5.00	6.00	6.00	6.75	5.85	6.35	5.15	5.15	5.15	4.67	4.67	4.66
Rio Blanco-----	8.95	10.23	11.53	13.03	8.15	8.52	8.37	8.15	8.25	10.53	8.31	8.49	9.24
Rio Grande-----	7.70	5.30	5.60	7.60	8.60	7.35	7.50	9.95	4.95	4.45	5.70	6.20	8.20
Routt-----	5.50	9.50	10.55	12.45	6.00	7.25	8.75	6.10	5.90	5.85	5.85	6.25	7.95
Sagunche-----	6.70	6.95	7.35	11.60	6.04	6.18	7.24	6.75	6.90	6.90	7.00	7.00	7.40
San Juan-----	15.50	12.25	11.00	12.65	12.58	12.33	12.28	12.40	12.40	12.50	12.43	11.64	12.08
San Miguel-----	10.75	11.80	14.436	13.65	13.65	11.82	11.82	12.05	14.55	13.33	15.26	13.84	17.34
Sedgwick-----	8.49	5.30	8.365	10.42	6.412	6.455	4.67	3.69	5.05	8.244	7.086	8.282	8.75
Summit-----	6.20	6.50	7.50	13.125	10.125	8.125	8.125	8.50	8.375	8.375	9.125	10.00	10.375
Teller-----	11.00	11.42	13.08	13.30	12.10	12.10	13.30	13.10	13.232	13.10	13.10	13.10	13.10
Washington-----	4.60	4.90	7.75	9.00	4.50	4.50	4.50	7.25	7.20	6.00	4.25	4.50	5.25
Weld-----	3.50	5.23	5.53	7.83	6.41	5.04	4.97	5.20	5.20	6.154	6.67	6.71	6.71
Yuma-----	6.42	6.03	6.13	6.78	5.768	5.81	5.70	5.50	5.50	4.80	4.60	4.50	4.50
State Levy-----	1.3	2.77	3.47	3.47	4.35	4.48	3.93	3.70	3.70	3.67	3.84	3.56	3.66
Assessed Val-----	\$1,306,391,295	\$1,424,921,288	\$1,498,761,128	\$1,593,599,684	\$1,584,006,497	\$1,550,762,317	\$1,547,268,754	\$1,540,500,479	\$1,540,732,487	\$1,546,830,046	\$1,565,290,666	\$1,577,660,380	\$1,586,919,769

DISBURSEMENTS OF STATE GOVERNMENT FOR 1923 TO 1927, INCLUSIVE

Expenses:	1923	1924	1925	1926	1927
General government.....	\$ 903,618	\$ 797,949	\$ 926,138	\$ 781,274	\$ 968,797
Protection to persons and property:					
Militia and armories.....	118,198	104,096	86,746	99,705	114,294
Regulation.....	344,030	336,870	314,166	317,954	294,975
All others.....	142,097	150,528	140,687	314,952	318,051
Development and conservation of natural resources:					
Agriculture.....	533,595	585,513	492,808	654,219	657,135
All others.....	190,527	232,508	197,283	301,319	203,139
Conservation of health and sanitation:					
Prevention and treatment of communicable diseases.....	36,691	37,096	36,407	27,692	24,904
All others.....	102,521	106,348	115,127	101,944	106,558
Highways.....	2,194,606	2,552,989	2,623,880	1,679,991	2,455,574
Charities, hospitals and corrections.....	1,585,162	1,901,758	1,654,808	2,026,190	2,174,161
Education:					
Schools.....	3,361,776	3,411,549	3,810,044	3,646,272	3,614,122
Libraries.....	2,000	2,200	892	575	973
Recreation.....	17,393	19,206	16,716	12,829	12,610
Miscellaneous.....	252,553	217,455	293,227	240,197	240,197
Interest.....	438,737	490,318	542,154	578,273	620,860
Total expenses and interest.....	\$10,223,504	\$10,936,383	\$11,251,083	\$10,783,848	\$11,806,350
Outlays (permanent improvements and investments):					
Agriculture.....	\$ 60,431	\$ 17,507	\$ 22,778	\$ 31,324	\$ 20,238
Fish and game.....	.....	.....	31,379	118,644	93,360
Highways.....	4,538,231	4,774,445	3,761,659	3,910,519	3,348,800
Hospitals and corrections.....	267,615	103,652	38,659	221,819	30,642
Education.....	1,293,514	1,807,411	1,532,915	704,690	711,052
Miscellaneous.....	31,608	7,164	6,373	59,279	136,752
Total governmental costs.....	\$16,414,903	\$17,646,562	\$16,644,846	\$15,830,123	\$16,147,194

Note.—Detail figures for 1928 have not yet been published, but a summary gives the total payments for operation and maintenance of general departments as \$11,519,393, which with \$557,468 interest, brings total expenses and interest up to \$12,076,861. Outlays for permanent improvements and investments amounted to \$5,454,989, giving a total for all governmental costs of \$17,531,849.

Mineral Resources

COLORADO occupies a unique position among the states of the Union in the variety and extent of its mineral resources, both metal and non-metal. This is due largely to the extreme irregularity of the state's surface and the wide range of geological formations exposed for examination and development. Approximately 250 useful metallic and non-metallic minerals and compounds have been reported in the state, and undoubtedly numerous others are yet to be found. Up to the present time approximately 30 metals have been produced in commercial quantities, of which gold, silver, copper, lead and zinc are the most important. The range of useful non-metals found in Colorado is almost as wide as that of the metals, but their production has not been so extensive, with the exception of coal, until recent years. Beginning with 1917, the production of minerals other than gold, silver, copper, lead and zinc has been in excess of the combined output of these five principal metals in value. California is the only state reported having a wider variety of mineral resources than Colorado.

Colorado's relative position among the states in the mining industry is indicated by the following table:

Resource	Rank
Coal (reserves).....	1
Molybdenum (value, 1927).....	1
Uranium and vanadium ores (value, 1927)	1
Tungsten ore (value, 1927).....	2
Fluorspar (value, 1925).....	3
Gold (value, 1927).....	4
Lead (tons produced, 1928).....	5
Silver (value, 1927).....	6
Zinc (tons produced, 1927).....	6
Coal (tons produced, 1927).....	8
Coke (tons produced, 1927).....	8
Copper (pounds produced, 1927).....	10
Natural gas (M cu. ft., 1927).....	15
All minerals (value, 1919).....	15
Iron ore (tons, 1927).....	16
Petroleum (barrels, 1929).....	16
Clay products (value, 1927).....	19
All minerals (value, 1927).....	21
All minerals (value, 1925).....	22
Lime (value, 1927).....	24

The census reports for 1919 placed Colorado 15th among the states in the value of mineral output, 14th in the number of persons engaged, and 13th in the average number of wage earners employed.

The state's output of minerals, both metal and non-metal, has a total value of between \$60,000,000 and \$65,000,000 a year at the present rate of production. The capital investment is in excess of \$150,000,000 and the number of persons engaged is between 18,000 and 20,000.

The total value of all minerals produced in the state up to the end of 1929 probably is in excess of \$2,750,000,000. The total figures have never been compiled and are not available. However, authentic figures show that the state had produced \$2,378,521,765 in coal, gold, silver, copper, lead, zinc and petroleum up to the end of that year, an amount \$791,602,000 greater than the assessed value of all property in the state for taxation purposes on October 1, 1929.

The following table shows the total value of the output of the seven principal minerals produced in the state up to the end of 1929, as reported by various agencies:

Coal	\$ 712,466,950
Gold	710,913,687
Silver	516,802,690
Lead	214,932,770
Zinc	152,355,940
Copper	44,970,211
Petroleum	26,079,517
Total	\$2,378,521,765

A table published herewith shows the value of all minerals produced in Colorado by years from 1905 to 1927, 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 71.2 per cent of the total in 1927. On the contrary, the five principal metals supplied 75.4 per cent of the total in 1905 and only 28.8 per cent in 1927. This indicates that while metal mining as a whole declined in the 23-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 187 a table giving mineral production of the state in 1924-25-26-27, the latest figures in that form available. Duplications are eliminated in this table.

Average prices per ounce for silver and per pound for copper, lead and zinc in Colorado in the years 1905 to 1929, inclusive, as reported by the United States bureau of mines, were as follows:

Year	Silver	Copper	Lead	Zinc
1905.....	\$0.61	\$0.156	\$0.047	\$0.059
1906.....	.68	.193	.057	.061
1907.....	.66	.20	.053	.059
1908.....	.53	.132	.042	.047
1909.....	.52	.13	.043	.054
1910.....	.54	.127	.044	.054
1911.....	.53	.125	.045	.057
1912.....	.615	.165	.045	.069
1913.....	.604	.155	.044	.056
1914.....	.553	.133	.039	.051
1915.....	.507	.175	.047	.124
1916.....	.658	.246	.069	.134
1917.....	.824	.273	.086	.102
1918.....	1.00	.247	.071	.091
1919.....	1.12	.186	.053	.073
1920.....	1.09	.184	.08	.081
1921.....	1.00	.129	.045	.05
1922.....	1.00	.135	.055	.057
1923.....	.82	.147	.070	.068
1924.....	.67	.131	.08	.065
1925.....	.694	.142	.087	.076
1926.....	.624	.14	.08	.075
1927.....	.567	.131	.063	.064
1928.....	.585	.144	.058	.061
1929.....	.534	.179	.064	.066

PRINCIPAL MINING INDUSTRIES IN COLORADO
(Census of 1919)

	Number of Enterprises	Wage Earners		Value of Products	
		Average Number	Per Cent of State Total	Amount	Per Cent of State Total
Coal, bituminous.....	161	11,252	67.0	\$28,342,195	55.3
Gold and silver, lode mines	198	3,495	20.8	16,785,716	32.8
Lead and zinc.....	27	936	5.6	2,622,150	5.1
Rare metals*.....	9	344	2.0	1,245,014	2.4
Gold, placer mines.....	5	110	0.7	570,819	1.1
Limestone.....	14	228	1.4	526,738	1.0
Manganese.....	4	65	0.4	361,940	0.7
Clay.....	21	59	0.4	174,536	0.3
Sandstone.....	7	14	0.1	45,723	0.1
Copper.....	5	35	0.2	26,723	0.1
All other industries†.....	26	252	1.4	515,484	1.1
All mining industries..	477	16,790	100.0	\$51,217,038	100.0

*Includes molybdenum, tungsten, uranium, and vanadium.

†Includes enterprises in industries as follows: Fluorspar, 4; granite, 8; graphite, 1; gypsum, 2; petroleum, 10; pyrite, 1.

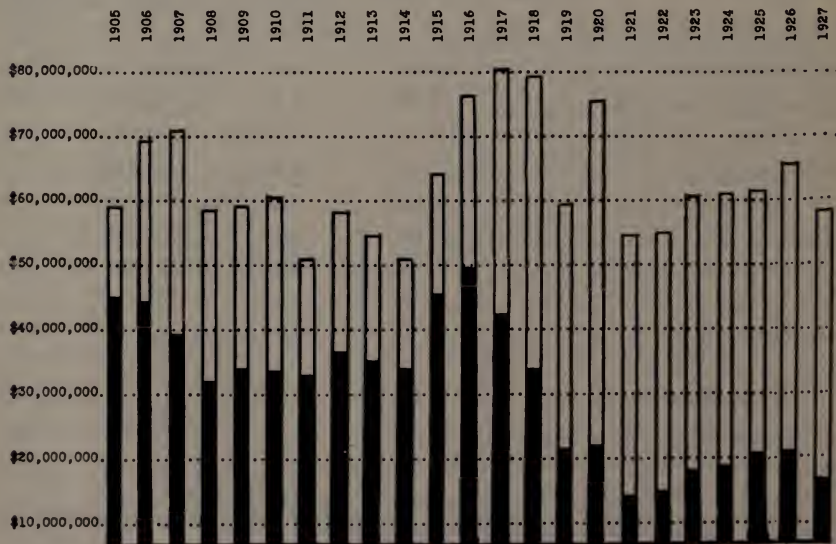
**VALUE OF ALL MINERALS PRODUCED IN COLORADO BY YEARS FROM
1905 TO 1927, INCLUSIVE**

(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
Total 23 Years...	\$707,553,463	48.7	\$744,511,860	51.3	\$1,452,070,323

**CHART SHOWING THE TREND OF MINERAL PRODUCTION IN COLORADO BY
YEARS FROM 1905 TO 1927, INCLUSIVE**

Note.—The black columns indicate the value of the gold, silver, copper, lead and zinc output by years, and the lighter columns the total value of all minerals produced.



MINERAL PRODUCTION OF COLORADO IN 1924, 1925, 1926 AND 1927
(U. S. Bureau of Mines)

PRODUCT	1924			1925			1926			1927		
	Quantity	Value		Quantity	Value		Quantity	Value		Quantity	Value	
Arsenious oxide.....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Cement.....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Clay Products.....	236,143	\$3,954,639		254,521	\$4,126,945		199,867	\$3,381,776		218,255	\$2,998,486	
Clay, raw.....	10,444,998	\$222,632		10,310,551	\$358,687		10,637,225	\$254,523		9,274,075	\$319,994	
Coal.....	735,520	31,863,000		644,481	30,322,000		790,118	29,629,000		788,586	27,044,000	
Coke.....	2,713,219	(1)		2,360,500	(1)		3,403,850	(1)		5,670,581	(1)	
Copper.....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Feldspar (crude).....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Feldspar.....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Ferro-alloys.....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Fluorspar.....	12,301	135,411		11,776	153,707		10,440	(1)		6,432	(1)	
Gems and precious stones.....	(4)	(4)		(4)	(4)		(4)	(4)		(4)	(4)	
Gold.....	415,692	8,593,116		349,607	7,227,022		342,400	7,078,033		255,377	5,279,118	
Gypsum.....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Iron ore.....	4,702	(1)		8,642	(1)		35,535	(1)		32,206	(1)	
Iron, pig.....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Lead.....	23,779	3,804,565		31,483	5,473,042		34,494	5,519,024		33,386	4,206,671	
Lime.....	(1)	(1)		(1)	(1)		12,470	127,975		11,900	125,875	
Manganese ore.....	5,338	43,042		743	5,127		(1)	(1)		(1)	(1)	
Manganiferous ore:												
For fluxing.....	4,438	(1)		11,366	16,749		6,656	9,208		1,029	(1)	
For other purposes.....	30,949	118,140		7,352	26,565		(1)	(1)		26,828	126,938	
Mica, scrap.....	35	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Mineral paints, zinc and lead pigments.....	16,622	\$2,162,959		16,301	\$2,007,495		13,751	\$1,713,367		(1)	(1)	
Mineral waters.....	(4)	(4)		(4)	(4)		(4)	(4)		(4)	(4)	
Molybdenum.....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Natural gas.....	47,600	1,700		574,400	61,100		553,800	130,000		1,725,400	290,000	
Natural gas-gasoline.....	445,000	490,000		35,000	276,000		912,000	17,000		912,000	64,000	
Petroleum.....	445,000	490,000		1,226,000	1,810,000		2,768,000	5,100,000		2,831,000	3,400,000	
Pyrite (radio crystals).....	3,417	3,417		15	15		15	15		15	15	
Pounds.....	1,219,526	799,215		692,395	547,944		764,523	590,695		622,204	465,818	
Sand and gravel.....	3,254,370	2,180,428		4,506,940	3,127,816		4,704,122	2,935,372		3,784,605	2,145,871	
Silver.....	825,940	1,221,574		\$674,610	\$881,756		911,450	1,107,867		\$892,140	\$975,953	
Stone.....	(1)	(1)		201	(1)		232	148,200		332	209,007	
Tungsten ore (60 per cent concentrates).....	(1)	(1)		(1)	(1)		20,511	292,000		(1)	(1)	
Uranium and vanadium ores.....	(1)	(1)		(1)	(1)		32,500	4,875,000		35,565	4,690,656	
Uranium.....	28,864	3,687,255		30,811	15,275,625		(1)	(1)		(1)	(1)	
Zinc.....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Miscellaneous (6).....	(1)	(1)		(1)	(1)		(1)	(1)		(1)	(1)	
Total value, eliminating duplications.....		\$61,487,882			\$63,148,959			\$65,597,487			\$58,855,283	

*Value included under "Miscellaneous."
 †Figures obtained through co-operation with bureau of the census.
 ‡Value not included in total value for state.
 §No canvass.
 ¶Exclusive of basalt and marble, value for which is included under "Miscellaneous."
 ¶Includes minerals indicated by "1," and "5," above.
 ¶Exclusive of pottery, value of which is included under "Miscellaneous."
 ¶Exclusive of marble, value for which is included under "Miscellaneous."

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 1929 was \$1,639,975,298. This total includes the preliminary figures for 1929 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 1929 preliminary figures are as follows:

	Quantity	Value
Gold		\$ 4,369,632
Silver, ounces.....	4,323,387	2,308,689
Copper, pounds....	8,352,000	1,495,008
Lead, pounds.....	49,751,000	3,159,189
Zinc, pounds.....	59,312,000	3,944,248
Total		\$15,276,766

The advance figures for 1929, 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

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 States Vanadium corporation operates the largest vanadium mine in the world. This property is credited with an output four times greater than the entire production of the mines of Peru

in 1928, which in former years were the source of the world's principal supply of vanadium. A third mine credited with being in the same class as these two, though its output is included with the state's five principal metals, is the property of the Empire Zinc company, located at Gilman, in Eagle county, said to be one of the largest zinc mines in the world.

Gold leads the five principal metals in the value of total output, the production to the end of 1929 being valued at more than \$710,913,000. In 1927 Colorado ranked fourth in gold production, being exceeded by Alaska, California and South Dakota. Colorado held first place for many years, but this position was surrendered to California in 1916. In the 70-year period ending with 1927 in which Colorado has produced gold, its output was equal to 15.8 per cent of all the gold produced in the United States between 1792 and 1927, inclusive, a period of 136 years.

Silver production in Colorado from the beginning of the industry to the end of 1929 was in excess of \$516,802,000. The state ranks sixth among the states in annual output, being exceeded in 1927 only by Arizona, Idaho, Montana, Nevada and Utah. In that year Colorado produced 6.5 per cent of the country's output, which compares with 8.0 per cent in 1926 and 6.8 per cent in 1925.

The value of the copper output of the state in 1868 was only \$11,500. The peak was reached in 1917, when the output was \$2,217,307. Total value of the output to the end of 1929 was \$44,970,211. 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 1929 was \$214,932,770, this giving it third place among the five principal metals. Colorado is one of the five largest lead producing states, its output being exceeded only by Idaho, Missouri, Oklahoma and Utah.

Zinc production in quantity has increased steadily since 1921, except in 1923 and 1929, when there was a slight setback, and the aggregate value of output from 1885, when commercial production began, to the end of 1929,

was \$152,355,940. 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 1929.

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 in the production of gold, silver, copper and lead in the state was reached in 1900, when the total value of the output was \$50,614,421. There was a downward tendency in the output until the bottom was reached in 1921, with a total output for the year of \$14,005,500. Since then there has been a gradual increase, although 1928 and 1929 fell below the totals of the four preceding years. The recovery appears to be of a permanent nature and mining is undergoing a revival. This is credited principally to the proven success of newly discovered processes for the treatment of low grade complex or rebellious ores, such as are known to exist in large veins and deposits in many old mines and prospects undeveloped.

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, pyrrargyrite, stephenite, stromeyerite and sylvanite.

Lead is perhaps more widely distributed than any other metal found in the state, and is often associated with both gold and silver. The principal compound ores from which lead is produced are altaite, anglesite, cerussite, cosalite, galena, massicot, mimetite, minium, plumbojarsite and pyromorphite.

Copper is very widely distributed, but usually occurs in comparatively small quantities. The principal compound ores containing copper are azurite, bornite, brochantite, chalcanthite, chalcocite, chacopyrite, chrysocolla, covellite, cuprite, enargite, malachite, melaconite, stromeyerite, tenantite and tetrahedrite.

Of the total values of gold, silver, copper, lead and zinc reported by the United States bureau of mines up to the end of 1928, as shown on pages 192-3 of this volume, the largest total came from Lake county, which furnished more than one-fourth of the total for the state. Silver was the dominant metal in the development of the mines of that county, with zinc, lead, gold and copper following in that order.

Teller county ranked second in the development of the metal mining industry during that period, its production having been \$345,431,959 in the period from 1891 to 1928. Gold was almost exclusively responsible for the county's position, silver values totaling only \$1,227,775 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 1928.

Of the state's total values produced to that time, gold led in importance, accounting for nearly half the total. Silver, valued at nearly \$514,500,000, was second in importance, with lead, zinc and copper following in the order named.

MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO BY YEARS—1858-1928
(U. S. Bureau of Mines)

YEAR	GOLD		SILVER		COPPER		LEAD		ZINC		Total Value
	Total Value	Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	
1858-67	\$ 25,021,784	302,829	\$ 408,139	50,000	\$ 11,500	150,000	---	---	---	---	\$ 25,427,923
1868	2,010,000	200,716	266,150	102,000	24,735	250,000	9,000	---	---	---	2,287,650
1869	3,180,000	475,472	630,000	182,500	38,654	555,000	15,000	---	---	---	3,845,735
1870	3,015,000	496,988	660,000	182,500	38,654	1,350,000	---	---	---	---	3,723,654
1871	3,633,951	776,648	1,029,059	183,000	44,140	1,236,400	33,300	---	---	---	4,740,450
1872	2,646,463	1,924,206	2,015,000	204,000	72,542	1,350,000	73,600	---	---	---	4,807,605
1873	2,018,981	1,843,047	3,794,493	379,493	106,258	1,277,383	74,184	---	---	---	4,200,704
1874	2,152,487	2,348,174	3,000,966	475,541	104,619	1,636,000	76,676	---	---	---	5,334,748
1875	2,224,568	2,330,291	2,889,560	280,815	63,745	1,334,020	94,888	---	---	---	5,272,761
1876	2,726,311	2,564,403	2,974,707	333,333	70,000	4,286,364	81,375	---	---	---	5,852,393
1877	3,148,708	2,882,121	3,458,546	493,664	99,796	13,722,222	235,750	---	---	---	6,936,800
1878	3,240,348	4,672,961	5,373,904	536,145	89,000	47,348,000	494,000	---	---	---	9,197,252
1879	3,193,500	11,599,335	13,327,257	704,301	131,000	71,348,000	1,941,268	---	---	---	18,593,025
1880	3,252,514	14,397,539	16,557,170	859,000	183,826	81,094,000	3,567,400	---	---	---	23,560,910
1881	3,300,000	13,272,188	14,997,572	884,000	160,883	110,000,000	3,892,512	---	---	---	22,350,972
1882	3,360,000	12,761,719	14,548,359	1,494,000	285,354	141,114,000	5,390,000	---	---	---	25,583,713
1883	4,100,000	13,434,610	14,912,417	1,152,652	190,188	126,330,000	6,067,902	---	---	---	25,270,507
1884	4,300,000	12,375,000	13,735,251	2,013,125	261,706	106,892,000	4,674,209	---	---	---	22,972,166
1885	4,203,425	12,220,382	13,076,451	1,146,460	123,818	118,000,000	4,160,989	100,000	4,300	---	21,563,983
1886	4,450,000	12,875,000	12,251,250	1,146,460	127,257	126,000,000	5,428,000	100,000	4,400	---	22,260,907
1887	4,600,000	11,691,563	11,369,534	2,012,927	277,660	128,404,000	5,649,777	100,000	4,600	---	21,321,794
1888	3,768,099	14,695,313	13,813,596	1,621,100	272,345	137,940,000	5,223,660	300,000	14,700	---	23,508,517
1889	3,883,859	18,375,136	17,272,629	1,170,063	157,956	109,192,000	4,913,639	300,000	15,000	---	25,563,104
1890	4,151,132	18,800,000	19,740,000	3,585,691	559,368	126,256,000	5,429,009	300,000	16,500	---	29,380,639
1891	4,600,000	21,160,000	20,948,401	6,336,878	811,121	120,000,000	4,800,001	300,000	15,000	---	31,803,531
1892	5,800,000	24,000,000	20,880,000	7,593,674	880,866	110,000,000	4,070,000	1,125,000	51,750	---	31,912,617
1893	7,527,000	25,838,600	20,154,107	7,695,826	831,149	101,226,000	4,340,458	1,650,000	66,000	---	32,648,256
1894	9,491,514	23,281,398	14,667,281	6,481,413	615,734	93,963,000	3,006,975	1,500,000	52,500	---	32,167,487
1895	13,305,100	23,398,500	15,209,024	6,079,243	650,479	89,606,000	2,688,175	1,671,000	60,156	---	32,231,735
1896	14,911,000	22,573,000	15,349,642	6,022,176	650,395	113,416,138	2,908,592	1,292,000	50,388	---	33,649,603
1897	19,679,433	21,278,202	12,766,919	9,149,967	1,097,995	138,048,446	3,006,975	3,900,656	110,044	---	36,462,983
1898	23,534,532	23,602,601	13,866,532	10,870,701	1,347,965	164,274,762	6,212,178	11,300,656	179,430	---	42,335,272
1899	26,608,675	23,114,688	13,868,811	7,356,970	1,258,041	164,274,762	7,228,099	16,282,055	655,438	---	48,503,143
1900	28,762,036	20,336,512	12,608,637	7,826,815	1,299,251	---	---	---	716,410	---	50,614,424

1901	27,679,443	18,492,563	11,095,588	7,872,529	1,314,712	148,111,020	6,368,772	26,843,731	1,100,593	47,559,058
1902	28,516,914	19,941,523	8,449,008	8,463,938	1,132,601	106,296,827	5,358,169	52,582,510	2,523,963	44,980,650
1903	31,605,357	23,245,438	7,152,586	7,809,920	1,069,958	101,513,414	4,353,263	80,616,000	4,353,263	38,444,680
1904	24,292,485	12,960,792	7,517,260	9,412,707	1,204,828	107,498,854	4,222,453	66,771,590	3,405,353	40,992,379
1905	25,295,222	12,339,435	7,527,066	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	12,330,052	8,390,553	6,618,332	1,277,338	106,646,505	6,078,850	86,012,903	5,246,787	43,899,199
1907	20,307,648	11,839,514	7,655,679	8,896,254	1,765,251	89,065,232	4,720,457	85,048,564	5,017,865	39,456,900
1908	22,693,571	9,002,816	4,771,227	10,201,123	1,346,547	81,645,671	2,589,118	30,130,002	1,416,110	32,718,573
1909	21,984,008	8,904,701	4,630,444	10,916,191	1,419,105	72,162,396	3,102,980	51,210,260	2,765,354	33,901,891
1910	20,503,614	8,508,942	4,594,829	8,363,307	1,061,632	76,068,775	3,346,586	77,089,648	4,162,841	33,671,502
1911	19,001,975	7,330,168	3,884,989	8,024,488	1,003,061	69,679,289	3,135,568	94,607,456	5,392,625	32,418,218
1912	18,588,562	8,212,070	5,060,423	7,107,308	1,172,705	75,242,267	3,885,962	132,222,812	9,123,374	37,320,966
1913	18,146,916	9,325,255	5,632,454	7,227,826	1,120,318	87,897,773	3,867,562	119,346,429	6,685,400	33,480,586
1914	19,883,105	8,796,065	4,864,224	6,639,173	883,010	74,211,898	2,894,264	96,774,360	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	104,694,994	12,968,779	43,426,697
1916	19,153,821	7,656,544	5,038,006	8,624,081	2,121,524	70,914,087	4,893,072	134,285,463	17,994,252	49,200,675
1917	15,729,224	7,304,353	6,018,737	8,122,004	2,217,307	67,990,012	5,847,141	120,315,775	12,272,209	42,084,668
1918	12,751,718	7,063,554	7,063,554	6,277,332	1,560,501	65,960,760	4,883,214	89,133,901	8,111,185	34,160,172
1919	9,886,627	5,753,010	6,448,971	3,560,207	682,198	37,070,241	1,964,722	37,220,493	2,717,096	21,679,614
1920	7,576,319	5,403,335	5,896,175	4,043,734	744,047	46,629,788	3,730,383	48,790,742	3,952,050	21,898,974
1921	6,835,328	5,631,657	5,631,657	4,153,442	535,794	19,660,466	384,721	2,860,000	113,000	14,005,500
1922	6,373,419	5,855,911	5,855,911	3,373,454	455,416	23,477,200	1,291,246	23,258,000	1,325,706	15,301,598
1923	6,591,629	5,334,488	4,374,280	4,248,109	624,472	45,698,185	3,198,373	54,162,000	3,682,336	18,471,590
1924	8,593,116	3,254,370	2,180,428	2,713,219	355,432	47,587,061	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	335,191	62,966,000	5,478,042	61,621,000	4,683,196	20,851,267
1926	7,078,033	4,704,122	2,935,372	3,403,850	476,539	68,987,800	5,519,024	65,000,000	4,875,000	20,833,968
1927	5,279,118	3,784,605	2,145,871	5,670,581	742,845	66,772,557	4,206,671	71,729,000	4,590,656	16,965,162
1928	5,304,876	4,052,253	2,370,568	8,594,646	1,237,629	53,501,723	3,103,100	71,462,000	4,369,182	16,375,355
	\$706,544,055	649,151,690	\$514,494,001	285,821,346	\$43,475,203	4,500,422,677	\$211,773,581	2,066,373,985	\$148,411,692	\$1,624,698,532

Note—1929 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 1928.

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	
1922-1928	Adams	\$ 15,272	113	\$ 71	-----	-----	-----	-----	-----	-----	-----	\$ 15,343
1928	Alamosa	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	11
1858-1928	Arapahoe	8,147	101	-----	-----	-----	-----	-----	-----	-----	-----	8,211
1897-1904	Archuleta	1,489	505	64	-----	-----	-----	-----	-----	-----	-----	1,791
1900-1917	Baca	292	356	226	21,511	\$ 4,441	-----	-----	-----	-----	-----	4,359
1859-1928	Boulder	16,332,656	8,215,352	7,709,866	973,655	\$ 150,014	7,174,142	\$ 396,958	-----	-----	-----	24,589,524
1859-1928	Chaffee	7,414,330	5,242,061	4,247,503	9,658,865	1,728,968	130,967,986	5,784,401	28,865,705	\$ 2,511,825	28,865,705	21,687,522
1859-1928	Clear Creek	22,826,008	58,515,205	52,823,318	11,992,689	1,937,623	180,378,322	8,275,409	31,433,221	2,283,068	31,433,221	88,145,426
1861-1906	Conjcos	38,445	55,823	33,278	4,315	797	3,400	149	-----	-----	-----	72,669
1875-1921	Costilla	43,468	2,715	1,592	1,327	239	50,048	1,802	-----	-----	-----	47,101
1872-1928	Custer	2,189,664	4,576,702	4,569,144	567,125	106,940	39,692,183	1,996,379	217,227	14,787	217,227	8,876,914
1894-1910	Delta	4,273	306	176	-----	-----	-----	-----	-----	-----	-----	4,449
1879-1928	Dolores	2,015,164	12,341,034	9,598,426	7,428,089	1,317,860	63,989,238	3,462,422	38,783,116	2,582,905	38,783,116	18,976,777
1858-1928	Douglas	4,981	161	128	-----	-----	-----	-----	-----	-----	-----	5,109
1879-1928	Eagle	3,082,526	8,391,250	7,024,499	8,638,373	1,289,031	102,247,592	4,997,109	218,160,129	18,236,978	218,160,129	34,680,143
1926	Elbert	148	-----	-----	-----	2,000	-----	-----	-----	-----	-----	148
1913-1914	El Paso	-----	-----	-----	13,276	-----	-----	-----	-----	-----	-----	2,000
1881-1928	Fremont	81,186	92,319	85,742	667,955	120,562	691,477	29,243	1,494,769	108,255	1,494,769	424,988
1885-1927	Garfield	16,935	722	437	1,044	153	10,142	639	-----	-----	-----	18,164
1859-1928	Gilpin	84,381,143	10,617,903	8,607,739	25,490,167	4,179,112	36,299,076	1,619,710	398,113	32,159	398,113	98,819,863
1896-1925	Grand	13,186	4,656	3,538	6,171	805	4,345	248	-----	-----	-----	17,777
1861-1928	Gunnison	2,272,357	5,594,130	5,007,231	1,018,804	185,265	49,361,248	2,462,322	25,787,150	2,133,805	25,787,150	12,061,030
1875-1928	Hinsdale	1,458,564	5,733,185	4,643,485	2,904,116	408,940	98,203,293	4,067,628	1,241,634	67,501	1,241,634	10,646,118
1875-1907	Huerfano	3,474	1,176	698	92	11	1,067	38	-----	-----	-----	4,221
1858-1928	Jefferson	62,396	7,058	4,631	20,695	3,347	10,863	398	-----	-----	-----	70,772
1859-1928	Lake	53,565,763	233,998,938	191,277,916	101,007,185	14,455,054	1,991,307,561	90,376,110	1,327,185,034	91,570,896	1,327,185,034	441,245,739
1925-1928	La Plata	101,982	58,617	36,724	97	14	65,000	3,828	-----	-----	-----	141,648
1878-1924	Montezuma	3,612,156	1,766,360	1,137,638	278,979	45,087	260,093	12,185	-----	-----	-----	4,807,066
1895-1917	Larimer	24,304	2,502	1,735	235,328	38,647	-----	-----	30,722	1,659	30,722	66,345

[illegible]

Note—1929 figures, shown in the text, are preliminary and subject to revision, so are not included here.

MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD, AND ZINC IN COLORADO IN 1928, BY COUNTIES

(In terms of recovered or recoverable metals)

(Final figures by Chas. W. Henderson, of the United States Bureau of Mines, Department of Commerce.)

COUNTY	Mines Prod.			ORE**		GOLD§§		SILVER§§§		COPPER		LEAD		ZINC		Total Value
	Pct	Loc	Total	Short Tons	Value	Fine Ounces	Value	Value	Pounds	Value	Pounds	Value	Pounds	Value		
Adams	3	1	3	---	\$ 4,146	29	\$ 17	---	---	---	---	---	---	---	---	\$ 4,163
Alamosa	---	1	1	---	11	---	---	---	---	---	---	---	---	---	---	11
Boulder	---	48	48	19,599	97,353	50,364	29,463	\$ 556	3,861	\$ 8,340	143,793	---	---	---	---	135,712
Chaffee	---	6	65	---	646	287	168	---	---	---	21,793	---	---	---	---	2,078
Clear Creek	---	51	52	44,408	32,436	130,325	76,591	727	5,049	---	403,310	---	---	---	\$ 3,660	136,806
Custer	---	4	4	48	33	1,395	816	---	---	---	15,345	---	---	---	---	1,739
Dolores	---	11	11	58,744	22,713	353,041	206,529	---	887,014	127,730	9,051,604	---	---	---	---	1,448,777
Douglas	---	1	1	---	313	---	---	---	---	---	---	---	---	---	---	313
Eagle	---	1	3	23,616	16,633	262,660	153,656	---	1,219,202	175,565	1,499,000	---	---	---	---	603,596
Fremont	---	1	1	157	21	371	217	---	---	---	4,000	---	---	---	---	3,032
Gilpin	---	5	32	13,180	62,250	17,400	10,179	4,394	30,514	---	107,931	---	---	---	---	83,815
Gunnison	---	9	9	2,379	6,519	15,935	9,322	317	2,201	---	512,569	---	---	---	---	76,387
Hinsdale	---	5	5	106	90	2,793	1,634	232	1,610	---	45,412	---	---	---	---	5,932
Jefferson	---	1	1	---	100	---	---	---	---	---	---	---	---	---	---	100
Lake	---	39	39	121,415	244,766	378,800	221,698	---	218,625	31,482	10,336,087	---	---	---	---	2,903,122
La Plata	---	8	8	8,120	47,433	24,193	14,153	14	97	---	63,000	---	---	---	---	65,254
Mesa	---	1	1	2	---	490	29	173	1,202	---	---	---	---	---	---	190
Mineral	---	1	1	4,021	---	210,159	122,943	---	---	---	23,000	---	---	---	---	124,767
Moffat	---	2	2	---	197	---	---	---	---	---	---	---	---	---	---	197
Ouray	---	7	7	10,653	266,853	48,007	28,084	7,306	50,736	---	101,294	---	---	---	---	308,118
Park	---	10	10	2,918	254,699	8,684	5,080	948	6,583	---	163,724	---	---	---	---	270,223
Pitkin	---	10	10	14,359	43	96,764	56,607	---	---	---	1,612,311	---	---	---	---	160,778
Rio Grande	---	1	1	604	245,579	607	355	---	---	---	---	---	---	---	---	245,934
Saguache	---	2	2	110,598	23,349	903,759	528,699	---	4,300,000	619,200	4,600,000	---	---	---	---	1,438,048
San Juan	---	9	9	326,110	326,915	827,318	483,981	---	1,755,653	252,814	16,694,449	---	---	---	---	3,583,035
San Miguel	---	18	18	188,406	528,093	665,282	389,190	15,969	110,896	---	6,530,431	---	---	---	---	1,312,017
Summit	---	7	13	24,550	64,014	34,610	20,247	202	1,403	---	1,572,670	---	---	---	---	391,008
Teller	---	49	49	447,075	3,059,181	18,841	11,022	---	---	---	---	---	---	---	---	3,070,203
Total, 1928	23	336	359	1,426,084	\$5,304,876	4,052,253	\$2,370,568	\$1,237,629	8,594,646	---	53,501,723	---	---	---	---	\$16,375,355
Total, 1927	19	330	349	1,606,558	5,279,118	3,784,605	2,145,871	742,846	5,670,581	---	66,772,557	---	---	---	---	\$16,965,182

**Tonnage of lode mines only.

§Includes placer production as follows: 1927, \$94,434 in gold, 1,136 ounces of silver; 1928, \$61,406 in gold, 728 ounces of silver.

§Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.585 per ounce; copper, \$0.144 per pound; lead, \$0.058 per pound; zinc, \$0.061 per pound.

§Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.567 per ounce; copper, \$0.131 per pound; lead, \$0.063 per pound; zinc, \$0.064 per pound.

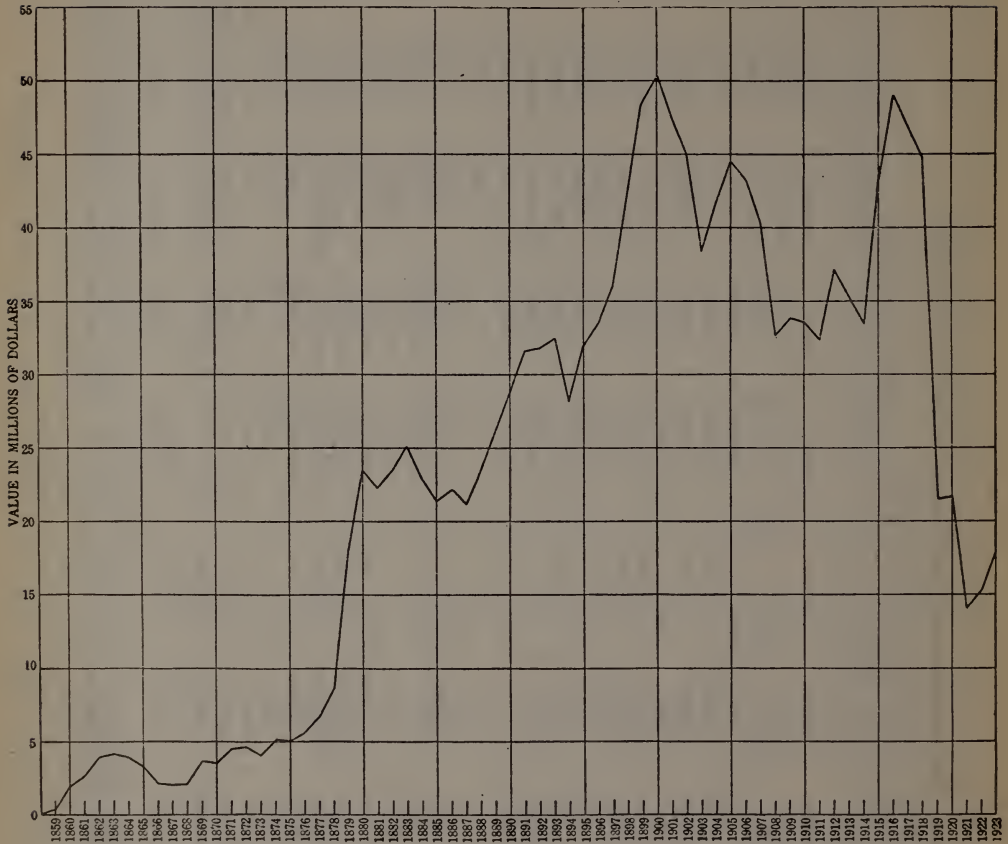
GOLD, SILVER, COPPER, LEAD, AND ZINC MINED IN COLORADO IN 1929, BY COUNTIES
(In terms of recovered or recoverable metals)
(Advance figures by C. W. Henderson, United States Bureau of Mines, Department of Commerce)

COUNTY	GOLD*		SILVER*		COPPER		LEAD		ZINC		Total Value
	Value	Fine ozs.	Value	15	Pounds	Value	Pounds	Value	Pounds	Value	
Adams	\$ 3,948	28	\$	15	---	---	---	---	---	---	\$ 3,963
Boulder	36,217	11,873	6,340	---	---	---	34,000	2,159	---	---	44,716
Chaffee	351	333	498	---	6,000	\$ 1,074	41,000	2,604	---	---	4,627
Clear Creek and Gilpin	191,752	191,977	102,516	---	162,000	28,998	545,000	34,607	50,000	\$ 3,325	361,198
Denver	124	---	---	---	---	---	---	---	---	---	124
Dolores	11,742	216,000	115,344	---	262,000	46,898	7,500,000	476,250	5,526,000	367,479	1,017,713
Eagle and Summit	118,987	909,116	485,468	---	2,916,000	521,964	858,000	54,483	2,640,000	175,560	1,356,462
Gunnison	6,532	10,513	5,614	---	7,000	1,253	150,000	9,525	185,000	12,303	35,227
Hinsdale	4,382	2,800	1,495	---	---	---	120,000	7,620	9,000	598	14,095
Lake	137,612	427,000	228,018	---	125,000	22,375	10,874,000	690,499	27,000,000	1,795,500	2,874,004
La Plata	113,488	83,300	44,482	---	---	---	72,000	4,572	---	---	162,542
Mineral	992	631,000	336,954	---	---	---	281,000	17,844	---	---	355,790
Moffat	124	---	---	---	---	---	---	---	---	---	124
Montezuma	145	---	---	---	---	---	---	---	---	---	145
Ouray	414,553	18,000	9,612	---	23,000	4,117	86,000	5,461	---	---	433,743
Park	191,504	10,000	5,340	---	---	---	145,000	9,207	---	---	206,051
Pitkin	---	97,000	51,798	---	---	---	1,400,000	88,900	212,000	14,098	154,796
Rio Grande	33,633	6,016	3,213	---	5,000	895	55,000	3,493	---	---	41,234
Saguache	21,457	750,000	400,500	---	2,750,000	492,250	6,000,000	381,000	---	---	1,295,207
San Juan	408,910	821,831	438,858	---	2,063,000	369,277	19,145,000	1,215,707	23,690,000	1,575,385	4,008,137
San Miguel	77,251	127,000	67,818	---	33,000	5,907	2,445,000	155,258	---	---	306,234
Teller	2,595,928	9,000	4,806	---	---	---	---	---	---	---	2,600,734
Total, 1929	\$4,369,632	4,323,387	\$2,308,689	---	8,352,000	\$1,495,008	49,751,000	\$3,159,189	59,312,000	\$3,944,248	†\$15,276,766
Total, 1928	5,304,876	4,052,253	2,370,568	---	8,594,646	1,237,629	53,501,723	3,103,100	71,462,000	4,359,182	‡ 16,375,355
Increase or decrease from 1928	—935,244	+271,134	—61,879	---	—242,646	+257,379	—3,750,723	+56,089	—12,150,000	—414,934	—1,098,589

*Includes placer production.
†Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.534 per ounce; copper, \$0.179 per pound; lead, \$0.0635 per pound; zinc, \$0.0665 per pound.
‡Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.585 per ounce; copper, \$0.144 per pound; lead, \$0.058 per pound; zinc, \$0.061 per pound.

TOTAL VALUE OF GOLD, SILVER, COPPER, LEAD AND ZINC PRODUCED IN COLORADO FROM 1859 TO 1923, BY YEARS

(From "Mining in Colorado," by C. W. Henderson)



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, Pitkin, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Pyrite is found in nearly every metal producing county in the state.

Lead—Archuleta, Boulder, Chaffee, Clear Creek, Custer, Dolores, Eagle, Fremont, Gilpin, Gunnison, Hinsdale, Lake, La Plata, Mineral, Montezuma, Ouray,

Park, Pitkin, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Lithium (amblygonite)—Fremont.

Manganese (alabandite, chalcophanite, psilomelane, pyrolusite, rhodochrosite)—Boulder, Chaffee, Custer, Dolores, Eagle, Gunnison, Hinsdale, Lake, Park, Saguache, San Juan, Summit.

Mercury (amalgam, cinnabar, quicksilver)—Boulder, La Plata.

Molybdenum (molybdenite)—Boulder, Chaffee, Clear Creek, Grand, Gunnison, Lake, San Juan, Summit, Teller.

Nickel (annabergite, nicolite)—Custer, Fremont, Gunnison.

Platinum—Clear Creek, Chaffee, Gunnison, Pitkin, Saguache, San Miguel.

Radium, Uranium, Vanadium (carnotite, pitchblende, volborthite)—Clear Creek, Custer, Dolores, Eagle, Garfield, Huerfano, Jefferson, La Plata, Mesa, Moffat, Montrose, Park, Rio Blanco, San Miguel.

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

Tantalum (columbite)—Fremont, Jefferson, Teller.

Tellurium—Boulder, Teller.

Tin (cassiterite)—Garfield.

Titanium (ilmenite, rutile, perovskite)—El Paso, Gunnison.

Tungsten (ferberite, hubernite, scheelite)—Boulder, Chaffee, Clear Creek, Gilpin, Gunnison, Lake, Ouray, San Juan, San Miguel, Summit.

Yttrium (allanite, gadolinite)—Boulder, Douglas, Washington.

Zinc—Archuleta, Chaffee, Clear Creek, Conejos, Dolores, Eagle, Fremont, Gilpin, Hinsdale, Lake, Mineral, Ouray, Park, Pitkin, Saguache, San Juan, San Miguel, Summit.

Zircon—El Paso.

COAL

The annual output of coal in Colorado exceeds in volume and value that of any other product of the mines, the total value of the coal produced in the state from the beginning of the industry to the end of 1929 being estimated at \$712,466,950. Gold, which heretofore has held first place in the value of mineral output, lost that position to coal in 1929 and now ranks second in aggregate value. The gold production of the state down to the end of 1929 was \$710,913,687, this being the final figure compiled by the United States Bureau of Mines with the exception of 1929, the figures for that year being the preliminary estimates.

The coal resources of the state, that is, coal in the ground unmined, are greater than in any other state in the Union, according to Clark B. Carpenter, associate professor of metallurgy of the Colorado School of Mines, who places Colorado first in the estimates

of the country's available supply, with Illinois, West Virginia and Pennsylvania following in the order named. The state ranked third at the end of 1912, according to estimates made by the United States geological survey. Colorado ranks eighth among the states in the value of the annual output.

M. R. Campbell, senior geologist of the United States geological survey, estimates that the quantity of coal in the state unmined at the end of 1925 was approximately 417,982,149,000 short tons. This estimate is based on areas given by him in the "Coal Resources of the World" before the Twelfth International Geological Congress at Ottawa, Canada, in 1913, from which is deducted the coal mined up to the end of 1925 and estimated amount lost in mining. The areas mentioned comprised 19,754 square miles. These figures are given in detail in the following table:

	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	13,000,000
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	21,423,000,000
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 17,814 acres was under lease on November 30, 1928. From these leases 1,479,072 tons of coal was mined in the biennial period ending November 30, 1928, the amount received therefrom during the period being \$188,723. Additional data on state school land will be found in the chapter under that heading.

In order to present the magnitude of the Colorado coal deposits, Professor Carpenter points out that at an estimated value of only one cent a ton the value of the state's coal resources is at least three times greater than the total value of all metals ever produced in the state. On the basis of coal consumption in 1925 the state has sufficient coal to provide for the entire United States for more than seven centuries.

Colorado coal ranges in quality from black lignite and sub-bituminous varieties through various grades of bituminous to true anthracite. The bituminous varieties include high-grade coking coal found in the Trinidad district, in the Glenwood Springs area and in Gunnison county. High-grade bituminous coal is also found in Jackson, Routt, Moffat, Rio Blanco, Mesa, Delta, Montezuma, La Plata, Fremont and Huerfano counties. True anthracite coal is found near Crested Butte, in Gunnison county, and is found in sev-

eral localities in Routt and Moffat counties.

Tables published herewith show Colorado's coal production by years from 1864 to 1929, inclusive, with its estimated value at the mine; coal production by counties, by years, and the production, average number of men employed, number of fatal accidents, number of mines, etc., from 1913 to 1929, inclusive.

COLORADO COAL PRODUCTION BY YEARS

Year	Tons	Value
1864 to 1872...	53,700	\$ 127,400
1873	69,977	139,954
1874	87,372	179,740
1875	98,838	197,676
1876	117,666	235,332
1877	160,000	320,000
1878	200,630	451,417
1879	322,732	726,154
1880	375,000	844,100
1881	706,744	1,590,178
1882	1,161,479	2,388,328
1883	1,220,593	2,766,584
1884	1,130,024	2,542,554
1885	1,398,796	3,051,589
1886	1,436,211	3,215,594
1887	1,791,735	3,941,817
1888	2,185,477	4,808,049
1889	2,400,629	3,843,992
1890	3,075,781	4,344,196
1891	3,512,632	4,800,000
1892	3,771,234	5,685,112
1893	3,947,056	5,104,602
1894	3,021,928	4,078,000
1895	3,339,495	4,519,000
1896	3,371,633	4,560,000
1897	3,565,660	4,475,000
1898	4,174,037	5,215,000
1899	4,826,939	5,363,667
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
1904	6,776,551	8,751,821
1905	8,989,631	10,810,978
1906	10,308,421	12,735,616
1907	10,965,640	15,079,449
1908	9,773,007	13,586,988
1909	10,772,400	14,206,012
1910	12,104,887	17,026,934
1911	10,197,000	14,747,764
1912	11,016,948	16,345,336
1913	9,268,939	14,035,090
1914	8,201,423	13,601,718
1915	8,715,337	13,599,264
1916	10,522,185	16,964,104
1917	12,515,305	27,669,129
1918	12,658,055	33,404,743
1919	10,406,543	28,748,534
1920	12,514,693	42,829,000
1921	9,141,947	32,377,000
1922	10,093,610	31,701,000
1923	10,346,218	33,299,000
1924	10,501,088	32,133,000
1925	10,440,387	31,321,000
1926	10,616,760	31,850,000
1927	9,781,580	34,235,530
1928	9,921,585	34,725,547
1929	9,934,064	27,318,676
Total	344,733,626	\$712,466,950

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	4.68	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.....	9,954,064	11,196	53	4.73	187,435	264
Average ...	10,322,370	12,700	70.6	5.56	146,209	244

COAL PRODUCTION BY COUNTIES
(From the Report of the State Coal Mine Inspector)

COUNTY	Tons 1920*	Tons 1925	Tons 1926	Tons 1927	Tons 1928	Tons 1929
Archuleta.....	.....	1,307	1,106	414	515	408
Boulder.....	1,230,347	615,943	600,849	433,661	434,995	479,643
Delta.....	123,478	73,483	69,838	87,883	68,745	72,273
Dolores.....	.....	.....	5,220	9,200	8,354	11,732
Elbert.....	.....	2,008	3,254	3,615	4,249	3,003
El Paso.....	379,869	330,228	352,300	349,386	352,589	361,595
Fremont.....	874,766	647,198	572,631	449,769	480,069	526,927
Garfield.....	28,507	31,273	31,292	30,654	33,498	44,430
Gunnison.....	620,632	518,813	566,315	555,837	460,805	521,401
Huerfano.....	2,448,733	2,141,224	1,967,437	1,814,629	1,800,105	1,783,744
Jackson.....	50,905	63,221	59,192	69,799	66,832	56,318
Jefferson.....	176,427	103,348	102,416	79,380	101,169	98,755
La Plata.....	132,497	105,245	102,998	92,215	89,701	74,464
Las Animas....	4,345,110	3,018,164	3,299,803	3,231,872	2,944,211	2,564,897
Mesa.....	174,801	137,381	127,096	118,495	163,861	118,567
Moffat.....	3,173	7,937	6,196	5,357	7,396	6,025
Montezuma....	4,147	8,047	6,156	7,928	7,399	6,663
Montrose.....	2,105	2,013	1,091	1,346	1,354	1,278
Ouray.....	500	892	.....	250	373	.....
Pitkin.....	913	5,994	3,002	2,224	16,198	18,757
Rio Blanco....	6,068	5,384	6,175	5,042	5,942	6,771
Routt.....	966,912	1,006,390	917,717	921,614	928,855	1,006,740
San Miguel....	.....	793	1,047	1,096	1,057	557
Weld.....	944,803	1,614,101	1,813,629	1,509,914	1,943,313	2,169,116
Total.....	12,514,693	10,440,387	10,616,760	9,781,580	9,921,585	9,934,064

*Year of peak output.

OIL AND NATURAL GAS

Colorado has the distinction of being the second oldest oil producing state in the United States and at the same time being among the latest to attract the attention of the oil operators of the country as a probable source of a considerable part of the nation's future crude oil supply.

This situation arises out of the fact that the oil industry of Colorado is divided into two distinct periods of development. The first period embraces the era from the first discovery in 1862 down to the time when the search for new fields had practically ceased. The second period opened in 1923, when some of the major producing companies of the country commenced an exploratory campaign which resulted in discoveries that promise to put the state in the front rank among the oil producers.

The first attempts to open up a supply of crude oil in Colorado were mostly economic failures. The second period has yielded more favorable results. Between the two periods the oil industry made rapid progress in development in the way of geological knowledge and in methods for drilling to greater depths, and this advance undoubtedly has been a big factor in changing the outlook for the future.

The first discovery of oil in Colorado in a well drilled for that purpose was made in the spring of 1862 by A. M. 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.

A table is published herewith showing the extent of drilling operations and results by years beginning with 1926. Prior to the last named year no official records of exploration for oil were compiled by the state. The immigration department has compiled, however, such records as are available of wells drilled in earlier periods and while these are incomplete they furnish an index to past drilling activities in the state. Logs of these wells are not available in many instances; some of them were drilled only to shallow depths and abandoned without making tests of the objective horizons, and many went only to horizons that were then considered likely to contain oil. In later years formations below those formerly drilled have been found productive in several areas of the state. This record, as far as the information is available, has been published in a separate volume entitled "Mineral, Oil and Shale Resources," copies of which may be obtained upon request to the department. Altogether, approximately 2,000 wells have been drilled in 42 counties of the state up to the present in search of oil.

The total production of crude oil in Colorado from 1862 to 1923, inclusive, a period of 68 years, was 24,366,047 barrels, with a value of \$26,079,517. 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	324,000	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

Year	Barrels	Value
1904	501,000	\$ 587,035
1905	376,000	337,606
1906	328,000	262,675
1907	332,000	272,813
1908	380,000	346,403
1909	311,000	317,712
1910	240,000	243,402
1911	227,000	228,104
1912	206,000	199,661
1913	189,000	174,779
1914	223,000	200,894
1915	208,000	208,474
1916	197,000	217,139
1917	121,000	128,100
1918	143,000	188,472
1919	121,000	183,000
1920	111,000	199,000
1921	108,000	132,000
1922	97,000	114,000
1923	86,000	129,000
1924	445,000	667,500
1925	1,211,702	1,817,553
1926	2,692,892	4,577,916
1927	2,722,670	2,611,058
1928	2,750,060	2,655,670
1929	2,273,723	2,120,425

Total24,366,047 \$26,079,517

Note—Above figures up to 1925 are from reports of the U. S. geological survey. Figures for years beginning with 1925 were compiled by the state immigration department.

The number of producing wells in the state on December 31 of the year named and average production in barrels per well per day, as reported by the United States bureau of mines, was as follows:

Year	No. Wells	Av. Prod.
1921	80	3.2
1922	75	3.2
1923	60	3.5
1924	70	25.8
1925	80	64.1
1926	130	60.3
1927	170	51.7
1928	210	39.9

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 and 7.6 barrels in 1928. Colorado's average per well per day was the highest in the country in 1926 and third highest in 1927 and 1928.

NATURAL GAS

Natural gas in commercial quantities has been developed on several structures in Colorado. The first major discovery was made by the Union Oil Company of California on November 11, 1923, in its No. 1 Buckeye, on the Wellington dome in Larimer county, this well making 82,000,000 cubic feet per day initial from the Muddy sand at 4,285 feet. In October 1926, the Somir Petroleum company's No. 1 Wilson, Sec. 22-12N-100, on the Hiawatha dome, came in at 2,200 feet, presumably in the Wasatch formation, as a 58,000,000-foot gas well. Lower horizons on this structure have since

been proven for gas. Several gas wells making from 20,000,000 to 45,000,000 cubic feet per day have been drilled on the Thornburg dome in Township 3 North, Range 91 West, in Moffat county. Gas was discovered on the Bartram dome. 3 miles west of the Hiawatha dome in Moffat county, in 1929, the discovery well being drilled by the Texas Production company and having an aggregate flow from several horizons of 72,000,000 cubic feet per day at a total depth of 2,300 feet, but drilling is continuing at the time this is written. Carbon dioxide gas was found in the Muddy sand at 5,110 feet on the North McCallum dome in Jackson county by the Continental Oil company in December, 1926. Gas in limited quantities is being produced on the Garcia dome in Township 34 South, Range 62 West, in Las Animas county, and helium gas also is being produced on the Model dome in this county. Two gas wells producing from 800,000 to 1,000,000 cubic feet a day have been drilled on the Berthoud dome, three miles west of the town of Berthoud, in Larimer county, and there are two gas wells on the Rangely dome, commercial in quantity. Other discoveries have been made in various areas of the state, but do not rank in importance with those named.

The Colorado Interstate Gas company and associated interests completed in 1928 a 340-mile pipe line from the Amarillo field in Texas to Denver. This line directly and indirectly serves the steel mills at Pueblo and the cities of Denver and Pueblo. Since its completion it has been extended eastward to supply La Junta, Rocky Ford, Swink and other towns in the Arkansas valley. The Colorado-Wyoming Gas company constructed in 1929 an extension of the Texas system to convey gas to Boulder, Fort Collins and other cities and towns in northern Colorado. Through pipe lines originally constructed to pipe gas from the Wellington dome to Cheyenne and Fort Collins, the new line now carries Texas gas as far north as Cheyenne. The Standard Oil company of Colorado is marketing some gas from the Berthoud dome at industrial plants in the vicinity. 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. Further extensions of these systems to supply gas to various Colorado communities are either under way or shortly to be constructed.

Geological conditions vary in Colorado to a wide extent and formations of all geological periods, from the youngest down to the granite, exist in different areas. The younger formations (those last deposited) are too deep for drilling in some areas and entirely eroded in others. A table published herewith lists the producing pools, the counties in which they are located, the dates when they were opened, the depth to the producing sands, the producing formations, gravity of the oil, the number of producing wells in each, and the average daily production in January, 1930.

There are three refineries in the

state. The largest is at Florence and is owned by the Continental Oil company. It is a complete plant with a daily crude oil capacity of 3,000 barrels, taking off the lighter cuts and recovering wax, lubricants and other products. Included in the equipment are Burton cracking stills with a capacity of 1,500 barrels per day. The Texas company operates a complete plant at Craig, with a daily crude capacity of 1,500 barrels a day and Holmes-Manley cracking stills with a capacity of 1,000 barrels. The Raven Oil & Refining company has a 200-barrel skimming plant at Rangely which operates on crude produced in the field where it is located. Plans were announced in 1930 for the construction of a refinery near Denver by the Continental Oil company, to have a charging capacity of 2,000 barrels of crude oil per day, the plant being put in operation late in that year.

PRODUCING OIL POOLS IN JANUARY, 1930

POOL	County	Date Opened	Av. Gr. of Oil	Depth to Sands (feet)	Producing Formations	No. Wells Jan. 1, 1930	Av. Daily Production Jan., 1930
Fort Collins	Larimer	1924	37.5	4,550	Dakota	15	283
Wellington	Larimer	1923	33.5	4,400	Dakota	22	1,419
Moffat	Moffat	1924	41.6 38.0	3,800 4,200 4,400	Dakota Morrison Sundance	12	841
Iles	Moffat	1927	32.5	3,200 3,400	Morrison Sundance	15	1,098
Florence- Canon City	Fremont	1887 1926	31.0	1,000 to 2,300	Pierre shale	105	440
Walden	Jackson	1926	54.0	5,100	Dakota	1	0
Tow Creek	Routt	1924	36.0	2,500 to 3,100	Shale above Dakota	15	541
Rangely	Rio Blanco	1902	52.0	600	Mancos shale	4	48
Boulder	Boulder	1901	---	2,500	Shale	5	*25
Total		---	---	---		194	4,695

*Estimated.

OIL WELL DRILLING OPERATIONS, BY YEARS

YEAR	Wells Completed or Abandoned				Initial Production (Bbls.)		Footage Drilled	
	Oil Wells	Gas Wells	Dry or Abandoned	Total	Total	Av. per Well	Total	Av. per Well
1926	37	7	53	97	---	---	314,609	3,243
1927	56	7	77	140	11,708	209	352,612	2,519
1928	58	2	70	130	8,949	154.3	347,831	2,676
1929	28	5	57	90	3,668	131.0	204,108	2,266

**COLORADO CRUDE OIL PRODUCTION IN BARRELS BY POOLS AND MONTHS,
1929**

MONTH	Fort Collins	Wellington	Moffat	Iles	Florence- Canon City
January.....	17,610	66,500	26,150	43,040	34,520
February.....	14,410	58,590	28,830	37,210	30,540
March.....	13,970	64,690	27,770	40,100	35,960
April.....	14,110	59,790	26,330	39,510	31,000
May.....	15,396	60,280	48,260	52,480	29,770
June.....	13,816	58,370	41,898	52,511	28,349
July.....	14,940	55,283	44,405	47,500	29,960
August.....	12,501	53,172	31,434	46,497	27,730
September.....	11,705	49,648	32,109	47,691	25,158
October.....	11,089	47,066	38,458	33,229	22,960
November.....	10,037	43,009	29,985	32,678	19,310
December.....	9,644	46,600	34,801	30,920	21,568
Totals.....	159,228	662,998	410,430	503,366	336,825

MONTH	Tow Creek	Rangely	Boulder	Walden	Totals by Months
January.....	15,980	2,020	780	350	206,950
February.....	9,140	1,820	700	...	181,240
March.....	16,121	1,550	780	...	200,941
April.....	16,840	1,500	750	...	189,830
May.....	16,960	1,550	780	...	225,476
June.....	14,935	1,580	750	...	212,209
July.....	14,567	1,520	785	...	208,960
August.....	12,103	1,510	760	619	186,326
September.....	12,976	1,540	740	...	181,567
October.....	11,640	1,500	750	...	166,692
November.....	13,546	1,500	750	...	150,815
December.....	17,684	1,500	...	...	162,717
Totals.....	172,492	19,090	8,325	969	2,273,723

CRUDE OIL PRODUCTION BY FIELDS AND YEARS IN BARRELS

FIELD	1925	1926	1927	1928	1929
Fort Collins.....	353,463	466,931	*1,161,332	241,830	159,228
Wellington.....	72,591	754,044	(*)	790,210	662,998
Moffat.....	589,440	1,167,184	663,810	442,530	410,430
Iles.....	6,037	23,486	248,200	596,040	503,366
Florence- Canon City.....	102,545	95,902	293,844	451,510	336,825
Tow Creek.....	42,001	139,720	263,462	189,960	172,492
Rangely.....	36,500	36,500	36,500	23,800	19,090
Boulder.....	9,125	9,125	9,125	9,310	8,325
Walden.....	.....	.....	46,397	4,870	969
Totals.....	1,211,702	2,692,892	2,722,670	2,750,060	2,273,723

(*)Wellington and Fort Collins productions for 1927 are combined under "Fort Collins."

Note—Rangely and Boulder output is estimated.

WELLS COMPLETED OR ABANDONED IN 1929
(Wells completed in 1927 and 1928 are listed in the 1928-29 Year Book)

Well Number and County	Location	Operator	Result	Depth
BENT:				
State No. 1	16-23S-52	Bent County Oil & Gas	Abandoned	4,010
BOULDER:				
McFadden No. 1	18-3N-70	C. E. Johnson, et al.	Abandoned	317
Campbell No. 2	18-3N-70	C. E. Johnson, et al.	Abandoned	50
FREMONT:				
Vezetti No. 2	11-19-70	Continental Oil Co.	Producer	2,440
Francis Hall No. 3	35-18-70	Continental Oil Co.	Producer	1,465
No. 1	3-18-70	Clem Lovisone	Producer	51
No. 2	3-18-70	Clem Lovisone	Producer	100
Isabel No. 1	2-19-70	Continental Oil Co.	Abandoned	3,030
McKenzie No. 4	1-19-70	Continental Oil Co.	Producer	2,315
No. 2	2-19-70	Eureka Oil Co.	Producer	1,533
Delisa No. 1	1-19-69	Delisa Oil Co.	Abandoned	2,850
Stronier No. 1	5-19-70		Abandoned	1,694
Steinmier No. 2	35-18-70	Continental Oil Co.	Producer	1,600
Vezetti No. 3	11-19-70	Continental Oil Co.	Producer	2,500
McKenzie No. 5	1-19-70	Continental Oil Co.	Abandoned	3,250
D. F. Hall No. 5	35-18-70	Continental Oil Co.	Abandoned	2,370
Travis No. 20	33-20-69	Raddatz, Vogel & Travis	Abandoned	4,545
Marjo No. 5	22-20-69	Continental Oil Co.	Abandoned	2,930
Frank Steinmier No. 1	35-18-70	Continental Oil Co.	Abandoned	2,330
Beltramo No. 3	2-19-70	St. Mary's Oil Co.	Producer	2,300
Vezetti No. 4	11-19-70	Continental Oil Co.	Producer	2,045
Dunn No. 3	35-18-70	Continental Oil Co.	Abandoned	2,566
Hassler No. 6	21-20-69	W. M. Conley	Producer	2,150
McKenzie No. 6	1-19-70	Continental Oil Co.	Producer	1,850
Sells No. 1	33-18-70	Tobin & Hoffman	Abandoned	2,665
Hassler No. 5	21-20-69	Mojada Oil & Drilling Co.	Producer	2,479
Ben Steinmier No. 6	35-18-70	Continental Oil Co.	Abandoned	2,480
Smelter No. 1	8-19-70	Continental Oil Co.	Abandoned	3,975
McCandless No. 1	21-20-69	Donnelly Brothers	Abandoned	1,600
Boyd No. 2	34-18-70	O. W. McLeod	Abandoned	2,050
McIntyre No. 1	2-19-70	Continental Oil Co.	Abandoned	2,455
Vezetti No. 5	11-19-70	Continental Oil Co.	Abandoned	3,240
Catlin No. 1	5-19S-70	Clem Lovisone	Abandoned	2,160
Owens & Bologna No. 1	7-19-69	Donnelly Brothers	Producer	3,150
Ketchum No. 1	35-18-70	Pleasant Oil & Lease Co., Inc.	Abandoned	---
DeWeese No. 1	3-19-70	Dickason & Brewer	Abandoned	2,180
Zontine No. 1	2-19-70	Hammond & Beltramo	Producer	2,525
Catlin No. 1	5-19-70	Clem Lovisone	Abandoned	2,160
No. 1	16-19-70	Canon-Reliance Fuel Co.	Abandoned	4,015
Griffith No. 1	5-20-69	M. L. Eno	Abandoned	3,125
Potts No. 1	17-19-69	Boulder Oil Co.	Abandoned	2,100
JACKSON:				
Goettler No. 1	9-6N-82	North Park Oil Co.	Abandoned	900
Hunter No. 1	31-11N-79	Crude Oil Detector Co.	Abandoned	4,717
LARIMER:				
Gault-Piatt No. 4	7-9-68	Continental Oil Co.	Producer	4,372
Elder No. 2	18-9N-68	Continental Oil Co.	Producer	4,504
Mitchell No. 3	6-9N-68	Continental Oil Co.	Producer	4,410
Fleming No. 1	6-9N-68	Continental Oil Co.	Producer	4,225
LAS ANIMAS:				
Doherty No. 1	72-34S-60	Okla.-Colo. O. & G. Co.	Abandoned	1,250
McDonald No. 1	1-30S-60	K. E. Cowdrey	Abandoned	1,129
Pepper No. 1	27-29-60	Helium Co., Inc.	Abandoned	1,470
Morris No. 1	35-29-60	Helium Co., Inc.	Gas Well	987
Huff No. 1	35-29-60	Helium Co., Inc.	Gas Well	1,047
Morris Cowdrey No. 2	25-29S-60	Helium Co., Inc.	Gas Well	1,004
Van Vleet No. 1	1-30-60	Helium Co., Inc.	Gas Well	994
Keith No. 1	4-29-60	Helium Co., Inc.	Abandoned	1,062
MESA:				
D. & R. G. No. 1	23-1S-1W	Parrish & Lankston	Abandoned	420
MOFFAT:				
Sales No. 1	23-4N-92	McCormick O. Co.	Abandoned	2,730
Shaw No. 3—SD	27-4N-92	Midwest Refining Co.	Producer	3,262
Parkinson No. 7—M	23-4N-92	Midwest Refining Co.	Producer	3,433
Knowlton No. 11	33-5N-91	Texas Production Co.	Producer	4,575
Walter Wick No. 5	10-4N-91	Texas Production Co.	Producer	4,851
Reiter-Foster-State No. 1	16-12N-100	Mt. Fuel Supply Co.	Gas Well	3,585
Lloyd No. 36	21-4N-92	Texas Production Co.	Producer	3,640
Parkinson No. 24—SD	22-4N-92	Midwest Refining Co.	Producer	3,570
MONTEZUMA:				
No. 1	14-36-14	Haller, et al.	Abandoned	850

WELLS COMPLETED OR ABANDONED IN 1929—Continued
(Wells completed in 1927 and 1928 are listed in the 1928-29 Year Book)

Well Number and County	Location	Operator	Result	Depth
MONTROSE:				
Colo. Title & Trust Co. No. 1-----	27-50N-10	Uncompahgre O. & G. Co.---	Abandoned---	2,031
PUEBLO:				
Shaw No. 1-----	3-22-63	Vineland Oil Co.-----	Abandoned---	1,210
Isis No. 1-----	1-23-63	G. E. Stevenson-----	Abandoned---	620
Shaw No. 1-A-----	3-22-63	Continental Oil Co.-----	Abandoned---	1,310
Unger No. 1-----	5-26-61	Kime Petroleum Co.-----	Abandoned---	1,000
Pahl No. 1-----	35-22-63	Amarillo Prod. Co.-----	Abandoned---	1,252
C. Mannerich No. 1-----	34-21S-63	Christy-Frantz-----	Abandoned---	1,190
Martin Vey No. 1-----	13-22S-63	Christy-Frantz Corp.-----	Abandoned---	1,450
Dudley-Lubers No. 1-----	16-22-63	Edward Morrison, et al.-----	Abandoned---	500
Lubers-Oliver State No. 1-----	4-22-63	C. W. Shaffer-----	Abandoned---	1,308
Bush No. 1-----	14-22S-63	Security Oil Trust-----	Abandoned---	1,053
William Stansbeek No. 1-----	19-22S-62	Dickason-Hench Oil Co.-----	Abandoned---	1,180
No. 1-----	35-21-63	Apex Oil Syndicate-----	Abandoned---	1,387
Carr No. 1-----	13-22-63	Nordic Oil Syndicate-----	Abandoned---	1,400
ROUTT:				
State No. 2-----	17-6N-86	Hynds Oil Co.-----	Producer-----	3,310
Quaintance-Hocking No. 6-----	18-6N-86	Texas Production Co.-----	Producer-----	2,586
Hitchins No. 1-----	31-7N-85	Morrison & Johnson-----	Abandoned---	2,900
Oliver State No. 1-----	18-6N-86	Texas Production Co.-----	Abandoned---	3,500
Belle Dennis No. 4-----	7-6N-86	Texas Production Co.-----	Abandoned---	5,310
Lubers-State No. 2-----	7-6N-86	Texas Production Co.-----	Abandoned---	3,860
State No. 1-----	17-6N-86	Hynds Oil Co.-----	Abandoned---	3,385
Barmettlor & Clayton No. 10-----	4-7N-86	Midwest Refining Co.-----	Abandoned---	1,717
Carstarphen No. 3-----	5-6-86	Texas Production Co.-----	Producer-----	3,595
RIO BLANCO:				
Fordham No. 1-----	9-2S-96	White Eagle Oil & Ref. Co.--	Abandoned---	432
YUMA:				
Blackwolf No. 1-----	7-2S-43	Major Petroleum, Inc.-----	Abandoned---	1,425

Number wells completed in 1929: Oil wells, 28; gas wells, 5; dry and abandoned, 57; total, 90.

**FUEL OIL DISTRIBUTION IN
COLORADO**

Compiled from surveys of gas-oil and fuel oil distribution in the United States made by the U. S. bureau of mines, co-operatively with the American Petroleum Institute. Quantities are in barrels of 42 gallons each.

Uses	1926	1927	1928
Railroads	11,107	19,883	17,900
Gas and electric power plants..	94,241	83,270	60,420
Smelters and mines	9,419	62,928	16,493
Steel mills and foundries	146,559	443,425	276,014
Automotive industries	476	.....	144
Chemical and allied industries .....	.....	165	432
Sugar refineries..	6,190	.....	.....
Cement and lime plants	152	216	344
Ceramic industries	49,429	50,093	41,680
Commercial heating .....	.....	35,847	754
Domestic heating	2,157	2,500	9,435
Food industries..	.....	30,871	28,876
Other manufacturing	7,093	2,539	3,538
Used as fuel by oil companies..	80,869	89,252	125,205
Miscellaneous ...	12,778	63,019	4,380
Totals	420,470	884,008	585,615

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 con-

servation 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, around 900,000,000 barrels a year, 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 is handled in a small way the same as the product would be worked by a larger unit, so that actual results in the recovery of oil, the cost of mining, transporting and crushing the shale, and other details can be determined. This was followed by the construction at Boulder by the bureau of mines, in co-operation with the state government, of a small refinery for the treating of crude oil from the Rulison plant to recover gasoline and other products. The Rulison plant commenced producing oil on September 17, 1926, and at a subsequent date runs of oil were made in the refinery at Boulder. Small quantities of the crude were supplied by the government to private operators for experimental refining purposes.

The 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.

The recovery of shale oil will be largely a mining and manufacturing operation and it is generally believed that within the near future it will de-

velop into a new industry comparable in scope with the country's coal mining operations in the employment of labor and machinery.

STONE AND OTHER NON-METALS

Colorado ranks first among the states in the wide variety and volume of deposits of high grade stone which are to be found within its boundaries. Sandstone, granites and basalts are, perhaps, most abundant, but marbles, lavas, abrasives, limestones, slates and shale are common. The value of stone sold or used by producers in the years named as reported by the United States bureau of mines, was as follows:

	1926	1927
Stone	\$1,107,867	\$ 975,953
Granite	194,386	179,591
Limestone	740,138	681,742
Sandstone	71,085	77,004

Total*\$2,113,476 *\$1,914,290

*Does not include basalt, marble and miscellaneous.

The value of the output of stone, granite, limestone and sandstone by years is as follows:

1920	\$1,621,180
1921	1,111,954
1922	1,111,388
1923	1,485,369
1924	2,114,960
1925	1,733,842
1926	2,113,476
1927	1,914,290

In 1927 there were 44 active plants producing stone, six producing granite, 22 producing limestone and 13 producing sandstone.

Sandstone, granite and marble have been extensively quarried for building purposes and the last two are widely used for interior decorating and monumental purposes. The most extensive marble deposits are in Gunnison county, near the town of Marble. Several large buildings in Denver are constructed of marble from that district, as are also the Lincoln Memorial in the nation's capital, New York City's municipal building, and structures in other large cities. The deposits are said to be the largest in the world.

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 Colo-

rado 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.

A table published herewith gives the quantity and value of the annual output of non-metal minerals.

The accompanying tabulation shows the principal valuable non-metals found in the state, together with the counties where they have been reported:

- Abrasive Stone**—Gunnison.
- Amber**—Boulder.
- Asbestos**—Boulder, Chaffee, Fremont, Rio Grande.
- Asphalt**—Garfield, Grand, Jefferson, Mesa, Routt, Rio Blanco.
- Basalt**—Boulder, Delta, Eagle, Garfield, Grand, Huerfano, Jefferson, Las Animas, Mesa, Rio Blanco.
- Cement Materials**—Boulder, Chaffee, Fremont, Larimer, and many others.
- Corundum**—Chaffee, Clear Creek.
- Coal**—Adams, Arapahoe, Archuleta, Boulder, Delta, Dolores, Douglas, Elbert, El Paso, Fremont, Garfield, Gunnison, Huerfano, Jackson, Jefferson, La Plata, Las Animas, Larimer, Mesa, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Blanco, Routt, Weld.
- Feldspar**—El Paso.
- Fire Clay**—Bent, Boulder, Custer, Douglas, El Paso, Fremont, Garfield, Gunnison, Huerfano, Jefferson, Larimer, Las Animas, Pueblo.
- Fluorspar**—Boulder, Chaffee, Clear Creek, Custer, Dolores, Douglas, El Paso, Fremont, Gilpin, Jefferson, Lake, Larimer, Mineral, Montezuma, Montrose, Park, San Juan, Saguache, San Miguel, Teller.
- Fuller's Earth**—Chaffee, Washington.
- Gem Stones**—Chaffee, Clear Creek, Eagle, El Paso, Fremont, Hinsdale, Jefferson, Lake, Larimer, Moffat, Park, Saguache, Teller.
- Glass Sand**—Bent, Fremont, Prowers, Pueblo.
- Granite**—Archuleta, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, El Paso, Fremont, Garfield, Gunnison, Jackson, Jefferson, La Plata, Larimer, Las Animas, Mineral, Moffat, Ouray, Park, Pueblo, Rio Blanco, Rio Grande.
- Graphite**—Chaffee, Gunnison, Las Animas.
- Gypsum**—Custer, Delta, Dolores, Eagle, El Paso, Fremont, Garfield, Jefferson, Larimer, Montrose.
- Kaolin**—Boulder, El Paso, Fremont, Huerfano, Jefferson, La Plata, Morgan, Pueblo.
- Limestone**—Boulder, Chaffee, Douglas, Fremont, Gunnison, Jefferson, La Plata, Larimer, Las Animas, Mesa, Mineral, Ouray, Park, Pueblo, Rio Blanco.
- Marble**—Boulder, Chaffee, Gunnison, Larimer, Pueblo.

Mica—Clear Creek, Fremont, Larimer, Mesa.

Oil Shale—Garfield, Gunnison, Mesa, Moffat, Montrose, Rio Blanco.

Onyx—Gunnison.

Petroleum—Boulder, Fremont, Larimer, Mesa, Moffat, Montrose, Pueblo, Rio Blanco, Routt.

Potash—Costilla, Delta.

Sandstone—Archuleta, Boulder, Chaffee, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gunnison, Jackson, La Plata, Larimer, Las Animas, Mesa, Mineral, Ouray, Park, Pueblo, Rio Blanco.

Salts of Sodium—Alamosa, Saguache.

Slate—Gunnison.

Sulphur—Gunnison, Mineral.

COKE PRODUCTION

The production of coke in Colorado in 1929 as reported by the state coal mine inspector was 722,072 tons, which compares with 750,022 tons in 1928. There were 562 coke ovens employing an average of 104 wage earners in operation in 1929, compared with 493 ovens and an average of 208 men employed in 1928. Coal used in producing the coke amounted to 1,103,308 tons in 1929 and 1,265,105 tons in 1928.

The production of coke began in Colorado in 1880, when the total out-

put 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 will bring 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

Colorado's Educational System

Colorado ranks favorably among the states of the Union in educational facilities and in some specialized lines it stands near the top of the list. The state has a large and elaborate public school system, which is undergoing rapid extension. In addition, it has a number of colleges, universities and professional schools for the higher education of students and numerous commercial and business colleges, nurses' training schools and parochial schools and private institutions offering specialized courses in music, the arts and sciences.

Illiteracy, the inability to read or write any language, is steadily declining in the state as shown by the federal census, due, in a large measure, to the state's excellent educational system. In 1920 the percentage of illiterates 10 years of age and over was only 3.2 per cent, compared with 3.7 per cent in 1910 and 4.2 per cent in 1900. The 3.2 per cent illiteracy in Colorado in 1920 compares with 6.0 per cent for the entire country. Twenty-nine states had a larger per cent of illiterates in that year than Colorado, while 18 states had a smaller per cent.

The enrollment in the schools, colleges and universities of the state in

the school year of 1928-1929 was 280,357, or more than one-fourth of the entire population of the state. This is exclusive of duplications, summer schools and commercial and business schools, of which there are quite a number, but for which reliable statistics are not available. There was an increase of 5,130 in the number enrolled in 1928-1929, as compared with 1927-1928. A small per cent of the increase is accounted for by the inclusion of two institutions with a combined enrollment of 204 in the tabulation for 1928-1929 which were not in the figures for the preceding school year. In 1927-1928 the male students outnumbered the female by 2,518, but in 1928-1929, there were 1,821 more females than males.

Enrollment by sex and classes for the school year of 1928-1929 was as follows:

	Male	Female	Total
Public schools...	127,168	128,966	256,134
State colleges and universities ...	4,070	3,439	7,509
Private colleges and universities	2,081	2,031	4,112
*Parochial, etc...	5,949	6,653	12,602
Total	139,268	141,089	280,357

*Figures for 1927-1928.

Enrollment by years was as follows:

	1926-27	1927-28	1928-29
Public	246,145	245,638	256,134
County	5,470	5,493	*
State	7,114	7,615	7,509
Private	3,695	3,879	4,112
Parochial	12,213	12,602	12,602
Total	274,637	275,227	280,357

*Included with public schools.

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 the educational advantages with opportunities for seasonal recreation. Eleven of the colleges and universities of the state, both publicly and privately controlled, conducted summer schools in 1928 with a total enrollment of 8,522, or 77.4 per cent of the total enrollment in the regular school year. The enrollment in the summer schools of the universities and colleges in 1929 was 8,680, exclusive of duplicates.

The value of all property in the state used for educational purposes, based on inventories of state institutions and investment in public schools and private colleges and universities, is estimated at close to \$90,000,000. Information on private and parochial schools is not available, but the principal items from which the total estimate is made are as follows:

Public schools (1928)	\$58,043,117
State universities and colleges (1928)	16,213,850
County high schools	1,695,336
Private universities and colleges (1928)	*5,479,373
	\$81,431,676

*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 permanent improvements, probably is in excess of \$35,000,000 annually. The expenditures for the public schools in 1928-1929 amounted to \$25,157,462, and of state-owned institutions in 1927 to \$4,923,669. Data on private universities and colleges and parochial schools are not available.

Annual receipts of schools, universities and colleges from all sources, including student fees, productive funds, taxation, from the government,

donations, etc., are in excess of \$34,000,000. The public school receipts in 1929 amounted to \$28,544,910. Receipts of seven private colleges and universities were \$1,629,950 in 1927-28, and of the three major state institutions in the same year amounted to \$3,233,264.

The public schools, universities, colleges and private schools of all classes included in this summary reported a total of 10,993 instructors and teachers employed during the regular school year of 1928-1929, of which 2,377 were male and 8,616 were female. These are exclusive of instructors and teachers employed in the summer schools. The figures by classes are as follows:

	Male	Female	Total
Public schools	1,658	7,897	9,555
State colleges and universities	438	160	598
Private colleges and universities	247	103	350
Parochial	34	456	490
Total, 1928-29	2,377	8,616	10,993
Total, 1927-28	2,379	8,660	11,039
Total, 1925-26	2,469	8,565	11,034

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 2,040 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 3,334 schools in the state in 1929, a high school, an elementary school and a kindergarten housed in the same building being counted as three schools. This compares with 3,317 schools in 1928, classified as follows:

Senior high schools.....	283
Junior high schools.....	169
Elementary schools.....	649
Kindergarten schools.....	118
Rural schools.....	2,098

Total3,317

In 1928 there was a total of 4,636 buildings classified as follows:

Sod, adobe or log.....	252
Frame.....	3,361
Brick or stone.....	1,023

Total4,636

The growth in the number of school districts, schools and buildings in recent years is shown in the following table:

Year	Dists.	Schools	Bldgs.
1921	1,900	.....	3,742
1922	1,912	2,884	3,510
1923	1,944	3,243	3,635
1924	1,992	3,391	3,587
1925	2,003	3,396	4,116
1926	2,019	*3,302	*3,800
1927	2,029	3,439	4,380
1928	2,032	3,317	4,636
1929	2,040	3,334	3,543

*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 school property in 1928, including county high schools, was \$59,738,453, of which \$48,928,623 was in buildings; \$4,702,140 in grounds and \$6,107,688 in equipment. The valuation placed upon school property by years and amount invested per pupil enrolled was as follows:

	Valuation	
	Total	Per Pupil
1922.....	\$33,518,134	.....
1924.....	43,100,821	.....
1925.....	48,803,695	\$284.48
1926.....	54,643,685	218.63
1927.....	56,232,651	259.72
1928.....	59,738,453	237.88

Receipts for school purposes, including county high schools, and the sources of revenue, for the year ending June 30, 1928, as reported by the state superintendent, were as follows:

Balance on hand.....	\$ 2,949,714.44
General fund by apportionment	1,497,948.19
County levy, teachers' minimum salary.....	5,125,867.97
Special tax.....	15,396,080.70
All other sources.....	3,412,829.74
Total	\$28,382,441.04

Disbursements for the same period were as follows:

Teachers' salaries.....	\$14,398,892.90
Current expenses.....	5,816,480.26
Permanent improvements..	1,979,795.81
Library purposes.....	97,553.71
Redemption of bonds.....	719,915.75
Payt. overdrafts.....	253,329.55
Interest:	
Bonds	1,501,598.07
Warrants	113,283.01
Temp. loans.....	287,262.66
Abatement and fees.....	242,555.89
Total	\$25,410,667.61

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

	Receipts	Disbursements
1925.....	\$27,158,849	\$26,720,801
1926.....	25,204,797	26,888,074
1927.....	27,650,274	24,518,450
1928.....	28,356,121	25,410,668
1929.....	28,544,910	25,157,462

A table published herewith shows receipts and disbursements for 1928 and 1929 by counties.

Total enrollment in the public schools in 1928 was 251,131, of which 127,028 were boys and 124,103 were girls, as follows:

Senior high schools.....	36,332
Junior high schools.....	24,724
Grade schools.....	177,866
Night schools.....	12,209
Total	251,131

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

*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

The total indebtedness of the public school districts, exclusive of bonds for county high schools, on June 30, 1928, was \$33,360,609, of which \$31,059,137 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, 1930.

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

COLLEGES AND UNIVERSITIES

Among the principal universities, colleges and professional schools of the state devoted to higher education are the following:

Name	Location	Year of Opening
University of Colorado	Boulder	1877
Agricultural college	Fort Collins.....	1881
School of Mines.....	Golden	1874
Western State college	Gunnison	1909
State Normal.....	Alamosa	1925
Teachers college.....	Greeley	1890
Fort Lewis school.....	Hesperus	1911
Colorado college.....	Colorado Springs.....	1874
Regis college.....	Denver	1888
Colorado Woman's college	Denver	1909
University of Denver	Denver	1864
Loretto Heights college	Loretto	1918
Cliff School of Theology	Denver	1892
Westminster Law School	Denver	1912

The first seven named above are publicly controlled and are mostly supported by legislative appropriations and state tax levies. The Agricultural college and State university derive some revenue from the sale and administration of school land grants made by the federal government for their benefit. These funds are administered through the state land board in the same manner as the public school land funds.

Additional information concerning the expenditures, investment, etc., of state universities and colleges by years will be found in another chapter on State Institutions and accompanying tables.

PAROCHIAL SCHOOLS

The parochial school system in Colorado comprised in 1927-1928 47 schools, employing 366 teachers and with a total enrollment of 10,831; four academies for girls, employing 48 teachers and with an enrollment of 470; two special schools for boys, employing 24 teachers and with an enrollment of 244; four orphan asylums, employing 40 teachers and with an enrollment of 810; and one industrial school, employing 12 teachers and with an enrollment of 247. The total is 58 institutions, employing 490 teachers and with an enrollment in 1927-1928 of 12,602, of whom 5,949 were males and 6,653 were females.

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.

PUBLIC SCHOOLS, TEACHERS AND SCHOOL POPULATION, 1929

COUNTY	Total Number			Teachers			School Population		
	No. of School Dists.	Schools	School Bldgs.	Male	Female	Total	Persons of School Age	Enrollm't in Public Schools	Aver. Daily Attend.
Adams	42	76	79	21	174	195	5,747	5,285	3,549
Alamosa	14	23	20	14	63	77	2,508	2,254	1,631
Arapahoe	28	49	45	22	147	169	5,324	5,002	3,707
Archuleta	22	29	27	7	31	38	1,011	929	752
Baca	63	95	88	31	88	119	2,721	2,473	1,796
Bent	38	44	49	29	77	106	2,437	2,180	1,665
Boulder	57	71	66	61	246	307	9,695	7,759	6,174
Chaffee	26	26	29	10	56	66	2,114	1,610	1,381
Cheyenne	10	36	46	14	56	70	1,149	1,000	785
Clar Creek	9	11	11	6	20	26	547	442	347
Conejos	29	38	33	27	85	112	3,713	2,869	1,759
Costilla	14	25	18	8	33	41	1,829	1,225	759
Crowley	9	26	22	16	70	86	1,901	1,791	1,286
Custer	23	25	25	4	31	35	508	439	260
Delta	20	48	48	29	126	155	5,083	4,023	3,078
Denver	1	77	102	158	1,178	1,336	78,571	62,725	45,334
Dolores	10	18	18	4	17	21	383	285	---
Douglas	53	36	37	7	49	56	947	848	635
Eagle	23	46	41	9	56	65	953	926	689
Elbert	47	90	89	16	104	120	2,214	1,724	1,383
El Paso	38	107	85	85	349	434	12,171	10,888	9,133
Fremont	33	54	60	45	165	210	5,988	4,864	3,880
Garfield	41	57	57	27	112	139	3,051	2,614	1,838
Gilpin	11	10	13	2	13	15	189	171	148
Grand	17	26	24	4	32	36	621	482	349
Gunnison	26	39	45	18	60	78	1,672	1,391	1,082
Hinsdale	4	6	4	4	4	8	139	103	95
Huerfano	51	80	80	26	156	182	7,135	5,137	3,422
Jackson	6	11	22	2	14	16	319	264	186
Jefferson	48	71	58	29	179	208	5,599	4,812	4,110
Kiowa	19	35	31	17	45	62	1,210	1,064	837
Kit Carson	83	109	93	39	115	154	3,340	2,943	2,280
Lake	8	22	22	8	36	44	1,594	992	805
La Plata	37	68	60	25	107	132	4,147	3,574	2,678
Larimer	46	85	76	50	282	332	9,800	8,628	6,672
Las Animas	120	152	200	74	330	404	13,004	10,149	7,410
Lincoln	45	82	80	29	98	127	2,824	2,415	2,150
Logan	57	95	91	47	204	251	6,826	5,581	4,207
Mesa	35	71	66	40	210	250	7,578	6,737	5,338
Mineral	3	3	3	1	6	7	144	137	106
Moffat	35	63	72	15	67	82	1,544	1,173	882
Montezuma	29	41	41	11	73	84	2,338	2,024	1,507
Montrose	26	37	48	18	105	123	3,854	3,430	2,627
Morgan	19	70	78	38	161	199	6,221	5,607	3,739
Otero	20	47	43	40	185	225	7,096	6,370	4,989
Ouray	12	17	17	4	25	29	517	421	322
Park	19	28	31	6	29	35	514	359	252
Phillips	38	41	37	21	64	85	1,809	1,626	1,319
Pitkin	15	17	16	3	23	26	607	423	369
Prowers	50	69	73	34	125	159	4,250	4,112	2,957
Pueblo	47	121	108	73	522	595	20,062	15,843	14,940
Rio Blanco	19	34	33	8	37	45	865	806	635
Rio Grande	9	19	16	18	86	104	3,396	2,760	2,072
Routt	46	70	65	21	108	129	2,661	2,396	1,533
Saguache	18	31	23	19	55	74	2,001	1,701	1,220
San Juan	1	3	2	6	7	13	257	226	176
San Miguel	14	25	25	7	36	43	1,032	751	581
Sedgwick	24	31	28	18	60	78	1,834	1,805	1,334
Summit	9	13	10	3	15	18	285	269	199
Teller	10	16	33	8	34	42	1,275	895	704
Washington	84	112	118	33	139	172	3,340	2,683	2,325
Weld	136	217	374	129	559	688	20,143	17,776	12,968
Yuma	114	140	129	60	158	218	4,386	3,943	3,131
State	2,040	3,334	3,542	1,658	7,897	9,555	306,993	256,134	194,477

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	1928		1929	
	Receipts	Expenditures	Receipts	Expenditures
Adams.....	\$ 522,282.59	\$ 424,776.99	\$ 488,534.12	\$ 391,148.56
Alamosa.....	243,043.03	208,100.01	247,994.97	210,282.54
Arapahoe.....	427,941.34	383,057.84	438,155.12	392,950.79
Archuleta.....	66,227.64	54,533.42	68,096.75	53,496.15
Baca.....	207,398.71	160,203.44	261,074.79	209,751.52
Bent.....	179,154.37	145,019.87	226,555.40	200,030.08
Boulder.....	898,856.48	770,343.12	887,341.77	782,211.55
Chaffee.....	169,362.74	141,784.32	159,364.20	127,745.91
Cheyenne.....	161,170.02	115,356.67	202,210.87	153,638.25
Clear Creek.....	52,927.79	46,552.74	50,498.90	46,948.15
Conejos.....	193,677.67	164,043.09	196,034.26	168,443.38
Costilla.....	87,969.22	74,519.59	73,201.87	62,453.75
Crowley.....	218,766.75	183,091.51	229,082.74	184,655.39
Custer.....	29,042.02	23,764.58	43,450.56	36,173.72
Delta.....	435,426.07	338,017.08	409,188.73	353,877.69
Denver.....	6,782,026.45	7,062,036.96	6,584,441.83	6,546,410.51
Dolores.....	38,034.89	23,086.41	46,067.27	23,799.35
Douglas.....	96,306.98	77,620.74	124,484.57	103,628.88
Eagle.....	117,709.82	80,871.56	151,714.94	98,324.06
Elbert.....	239,024.14	192,654.91	255,969.24	211,611.06
El Paso.....	1,518,307.48	1,414,937.93	1,469,339.39	1,369,990.69
Fremont.....	553,842.01	447,856.19	544,854.56	446,598.97
Garfield.....	231,035.44	199,653.49	317,721.93	257,940.61
Gilpin.....	28,470.67	19,778.72	42,810.59	30,010.88
Grand.....	53,444.32	40,685.52	62,471.21	51,366.85
Gunnison.....	142,084.01	123,362.15	177,404.58	158,093.72
Hinsdale.....	11,463.80	9,600.42	11,860.67	10,693.73
Huerfano.....	398,029.32	300,974.30	503,016.61	351,904.28
Jackson.....	30,743.44	24,971.39	36,614.91	26,241.04
Jefferson.....	464,662.83	404,664.33	450,546.42	377,747.44
Kiowa.....	201,726.66	148,744.85	172,318.62	143,643.51
Kit-Carson.....	375,939.15	310,294.22	389,366.57	312,374.34
Lake.....	98,412.15	87,079.95	99,700.74	91,026.39
La Plata.....	287,488.40	267,020.09	295,608.19	267,597.88
Larimer.....	1,008,945.61	859,257.04	1,024,943.82	837,043.10
Las Animas.....	813,154.62	684,470.30	909,404.45	817,643.63
Lincoln.....	360,489.97	298,090.85	338,633.11	276,126.81
Logan.....	550,344.81	451,385.36	693,336.51	544,663.43
Mesa.....	565,526.52	511,625.81	557,734.75	508,735.55
Mineral.....	17,284.01	7,014.57	19,621.34	13,438.44
Moffat.....	126,817.20	103,955.63	134,209.64	106,672.16
Montezuma.....	209,512.66	164,889.44	196,845.22	143,909.56
Montrose.....	241,807.85	206,760.96	311,855.74	257,754.87
Morgan.....	583,554.71	504,481.43	797,535.17	722,988.19
Otero.....	563,083.70	580,391.47	584,174.83	534,616.89
Ouray.....	37,356.63	27,922.74	54,604.61	45,838.51
Park.....	61,195.41	47,455.31	71,924.64	63,849.47
Phillips.....	136,715.89	105,617.55	217,146.50	152,382.34
Pitkin.....	45,108.34	35,168.21	47,751.97	38,511.91
Prowers.....	452,314.29	417,076.20	424,026.17	386,645.25
Pueblo.....	1,680,837.93	1,532,354.37	1,602,952.11	1,460,151.21
Rio Blanco.....	91,959.93	73,382.17	90,418.13	68,441.06
Rio Grande.....	312,995.04	263,098.78	341,983.79	237,547.35
Routt.....	.....	.....	311,449.31	250,931.04
Saguache.....	192,954.87	161,222.66	231,691.41	186,818.07
San Juan.....	39,578.69	35,331.91	49,905.31	37,789.53
San Miguel.....	108,504.37	78,011.83	110,347.59	68,570.00
Sedgwick.....	148,728.47	115,191.34	243,284.43	211,406.18
Summit.....	54,389.37	40,690.43	53,360.27	38,546.59
Teller.....	106,983.93	82,591.21	101,714.41	83,617.36
Washington.....	313,527.84	224,309.10	413,892.42	317,764.33
Weld.....	2,460,644.30	2,149,413.17	2,377,977.25	2,083,820.46
Yuma.....	317,223.08	255,883.06	512,077.83	400,427.47
State.....	\$27,254,038.44	\$24,486,141.30	\$28,544,910.62	\$25,157,462.38
Totals from County High Schools.....	1,102,082.93	924,526.31*
Totals.....	\$28,356,121.37	\$25,410,667.61	\$28,544,910.62	\$25,157,462.38

*Included in county totals for 1929.

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

COUNTY	1926		1927		1928		1929	
	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.....	\$ 78.89	\$110.62	\$ 99.04	\$151.37	\$ 88.49	\$127.64	\$ 74.01	\$110.22
Alamosa.....	73.90	114.08	150.46	220.76	93.53	133.91	93.29	128.93
Arapahoe.....	83.53	110.30	79.27	103.67	83.00	109.32	78.56	106.00
Archuleta.....	80.60	110.74	53.72	81.10	56.45	82.75	57.58	71.14
Baca.....	71.84	101.53	70.24	97.71	62.63	93.63	84.82	116.79
Bent.....	82.59	115.73	91.11	124.88	82.58	95.15	91.76	120.14
Boulder.....	128.18	157.71	98.44	124.25	96.69	124.45	100.81	126.69
Chaffee.....	73.20	95.07	64.46	70.18	39.79	112.87	79.33	92.50
Cheyenne.....	183.39	217.46	130.04	193.02	147.51	192.58	158.64	202.09
Clear Creek.....	97.81	128.73	101.20	128.73	100.98	125.82	106.22	135.30
Conejos.....	55.25	79.40	55.09	80.04	55.41	79.29	58.71	95.76
Costilla.....	49.20	82.36	51.97	81.34	60.34	85.56	50.98	82.28
Crowley.....	96.29	105.37	89.20	132.16	102.55	142.93	103.10	143.59
Custer.....	84.34	130.08	75.23	111.32	65.11	93.19	82.40	139.13
Delta.....	108.43	166.07	79.57	110.44	75.93	107.92	87.96	114.97
Denver.....	139.58	200.86	105.15	146.27	119.72	157.20	104.37	144.40
Dolores.....	-----	-----	79.33	102.93	54.47	76.98	101.05	-----
Douglas.....	102.25	146.90	98.92	137.44	102.81	145.36	122.20	163.20
Eagle.....	116.55	159.43	97.95	135.70	92.96	131.28	106.18	142.71
Elbert.....	92.67	118.17	100.32	120.75	110.53	139.30	122.75	153.01
El Paso.....	125.35	164.28	122.56	162.43	130.32	182.48	125.82	150.00
Fremont.....	78.14	103.86	81.80	103.78	89.11	116.21	91.82	115.10
Garfield.....	99.02	131.38	71.57	98.04	77.38	99.33	93.68	140.34
Gilpin.....	97.68	136.16	78.77	124.04	112.38	163.45	175.50	202.78
Grand.....	71.18	95.52	69.81	97.47	68.38	105.40	106.57	147.18
Gunnison.....	100.05	125.91	93.34	118.05	91.51	107.27	113.65	146.11
Hinsdale.....	100.47	138.29	84.14	106.86	88.89	101.05	103.82	112.57
Huerfano.....	87.19	109.29	67.26	101.96	61.27	100.99	68.50	102.84
Jackson.....	99.85	131.76	94.19	128.70	101.51	134.98	99.40	141.08
Jefferson.....	77.68	99.89	74.46	99.22	83.87	135.97	78.50	91.91
Kiowa.....	147.36	177.64	102.84	131.32	139.40	180.51	135.00	171.62
Kit Carson.....	103.81	132.59	103.72	133.05	107.85	136.45	106.14	137.01
Lake.....	76.92	94.61	86.89	106.19	86.81	105.42	91.76	113.08
La Plata.....	81.63	115.31	74.79	104.43	76.58	108.50	74.87	99.92
Larimer.....	105.00	132.32	88.56	158.69	95.89	125.44	97.01	125.46
Las Animas.....	70.68	97.71	74.16	85.90	66.83	93.14	80.56	110.35
Lincoln.....	89.24	111.36	108.39	132.72	127.55	152.87	114.34	128.43
Logan.....	126.37	158.11	92.33	114.68	100.91	125.28	97.59	129.46
Mesa.....	110.63	145.98	75.78	90.88	75.38	98.14	75.51	95.31
Mineral.....	99.88	110.58	68.98	77.94	65.56	69.45	98.09	126.78
Moffat.....	86.00	104.05	91.34	124.93	99.38	124.65	90.93	120.94
Montezuma.....	64.91	95.45	77.24	105.78	82.36	119.13	71.10	95.49
Montrose.....	84.46	115.75	65.95	90.21	69.10	97.81	75.15	98.12
Morgan.....	134.67	181.99	82.98	120.52	90.04	127.75	128.94	193.36
Otero.....	82.48	163.21	89.60	116.07	86.33	116.61	83.93	107.16
Ouray.....	94.16	109.90	60.43	68.26	73.29	95.29	108.88	142.35
Park.....	137.54	201.29	145.55	224.96	137.95	210.91	177.85	253.37
Phillips.....	88.94	118.13	79.05	101.75	78.99	102.04	93.72	115.53
Pitkin.....	95.24	119.05	78.17	98.54	81.03	108.31	86.31	98.95
Prowers.....	98.72	125.31	107.34	149.95	112.44	145.42	94.03	130.76
Pueblo.....	94.60	131.10	115.28	161.53	99.71	134.49	92.16	97.73
Rio Blanco.....	100.95	136.79	86.67	112.18	111.52	140.85	84.91	107.78
Rio Grande.....	119.03	162.17	112.10	157.65	103.91	153.50	86.07	114.65
Routt.....	92.16	124.97	86.78	125.38	-----	-----	104.73	163.69
Saguache.....	137.32	203.00	129.66	185.52	113.70	169.71	109.83	153.13
San Juan.....	137.11	168.27	139.57	173.49	172.35	218.09	167.21	214.71
San Miguel.....	90.15	115.00	77.75	97.68	86.91	117.89	91.30	118.02
Sedgwick.....	89.16	278.97	73.90	126.33	79.94	109.60	117.12	158.48
Summit.....	115.23	181.34	122.10	171.99	143.78	180.84	143.30	193.70
Teller.....	85.02	121.72	93.45	117.26	98.08	105.62	93.43	118.77
Washington.....	97.05	122.43	92.37	119.52	97.62	120.02	118.44	136.67
Weld.....	99.68	133.20	111.70	154.39	117.59	161.41	117.23	160.69
Yuma.....	87.06	107.99	70.16	88.02	72.34	93.59	101.55	127.89
State.....	\$107.51	\$183.51	\$ 97.44	\$135.83	\$101.10	\$135.82	\$ 98.22	\$129.36
*Co. High Schools.....	-----	-----	177.37	207.18	168.31	196.87	-----	-----
Total.....	\$107.51	\$183.51	\$ 95.67	\$133.93	\$ 99.69	\$134.24	\$ 98.22	\$129.36

*County High Schools included in county totals for 1929.

AVERAGE YEARLY SALARIES OF TEACHERS IN PUBLIC SCHOOLS, 1929

COUNTY	Senior High Schools		Junior High Schools		One and Two-Teacher Schools		Three- or More Teacher Schools	
	Men	Women	Men	Women	Men	Women	Men	Women
Adams-----	\$2,081.60	\$1,401.30	\$1,600.00	\$1,280.36	\$1,440.00	\$ 999.00	\$1,521.85	\$1,140.13
Alamosa-----	1,506.25	1,403.00	1,273.50	1,440.00	-----	1,121.99	1,672.50	1,400.00
Arapahoe-----	1,651.26	1,425.77	1,433.88	1,340.38	1,487.50	1,101.50	1,272.46	1,130.68
Archuleta-----	2,800.00	1,353.33	-----	-----	976.25	880.44	1,304.99	1,069.29
Baca-----	2,022.00	1,694.40	1,420.00	1,300.00	1,030.00	989.50	1,446.00	1,400.00
Bent-----	2,006.93	1,516.24	-----	-----	1,035.25	989.58	1,308.75	1,152.14
Boulder-----	1,715.00	1,420.00	1,505.00	1,326.00	1,041.00	990.50	1,310.00	1,147.00
Chaffee-----	1,836.00	1,470.00	-----	1,300.00	-----	995.00	1,200.60	1,056.00
Cheyenne-----	2,375.00	1,350.00	-----	-----	907.50	918.40	-----	1,070.33
Clear Creek-----	1,831.25	1,379.00	1,500.00	1,162.50	-----	927.00	-----	1,137.50
Conejos-----	1,634.00	1,246.64	-----	-----	816.88	811.63	984.37	826.40
Costilla-----	1,800.00	1,230.00	1,260.00	1,146.25	741.25	948.75	1,312.50	1,075.00
Crowley-----	1,839.97	1,529.67	1,473.33	1,075.00	990.00	978.75	2,090.00	1,082.98
Custer-----	1,900.00	1,850.00	-----	1,125.00	1,350.00	777.50	-----	-----
Delta-----	1,920.00	1,331.16	1,750.00	1,277.52	1,100.00	963.93	1,600.00	1,115.44
Denver-----	2,608.47	2,632.49	2,213.24	2,411.29	-----	-----	1,824.51	2,178.12
Dolores-----	-----	-----	-----	-----	800.00	819.00	1,312.00	1,087.00
Douglas-----	2,325.00	1,450.00	-----	-----	900.00	955.75	1,725.00	1,262.50
Eagle-----	1,958.33	1,340.00	-----	1,462.50	770.00	1,019.95	-----	1,209.16
Elbert-----	2,130.00	1,308.40	-----	-----	875.00	795.00	1,350.00	1,092.25
El Paso-----	1,770.35	1,506.86	1,908.58	1,666.11	1,511.84	1,102.20	1,346.25	1,192.63
Fremont-----	2,043.97	1,378.67	1,927.70	1,490.90	1,199.25	1,015.70	1,558.25	1,167.45
Garfield-----	1,996.00	1,564.20	-----	-----	1,050.00	962.00	1,514.50	1,229.50
Gilpin-----	1,800.00	1,400.00	-----	-----	1,200.00	1,000.00	-----	-----
Grand-----	1,900.00	1,375.00	-----	-----	-----	1,084.67	1,325.00	1,040.00
Gunnison-----	1,731.66	1,728.50	1,750.00	1,445.00	1,260.00	941.30	1,816.66	1,240.20
Hinsdale-----	1,575.00	-----	-----	-----	-----	700.00	1,035.00	1,080.00
Huerfano-----	1,682.50	1,269.00	-----	-----	972.50	943.00	1,626.25	1,259.60
Jackson-----	2,750.00	1,500.00	-----	-----	1,305.00	1,006.50	-----	1,195.00
Jefferson-----	2,013.15	1,404.35	1,462.20	1,319.28	857.00	899.20	1,640.00	1,110.90
Kiowa-----	1,872.90	1,254.00	-----	-----	895.83	939.18	1,094.50	1,077.31
Kit Carson-----	1,658.92	1,342.62	1,373.00	1,326.33	902.88	888.60	1,696.35	1,155.48
Lake-----	2,141.67	1,614.29	-----	-----	-----	905.70	1,600.00	1,162.50
La Plata-----	1,678.39	1,385.39	1,940.00	1,356.00	1,083.75	977.88	1,237.50	1,064.70
Larimer-----	2,114.80	1,803.17	1,463.33	1,306.15	961.88	901.60	1,368.88	1,180.00
Las Animas-----	1,879.00	1,606.00	1,458.00	1,314.00	1,057.00	1,003.00	1,300.00	1,300.00
Lincoln-----	1,798.52	1,346.20	1,440.00	1,440.00	942.50	922.92	1,149.00	1,110.71
Logan-----	1,980.00	1,409.00	1,904.00	1,408.65	891.25	885.00	1,234.00	1,226.00
Mesa-----	1,905.55	1,364.44	1,600.00	1,600.00	1,266.25	956.47	1,622.50	1,040.71
Mineral-----	1,900.00	1,350.00	1,900.00	1,350.00	-----	1,100.00	-----	1,237.50
Moffat-----	2,680.00	1,570.00	-----	-----	812.50	978.94	1,620.00	1,074.37
Montezuma-----	1,821.00	1,335.60	1,300.00	1,200.00	1,087.00	914.75	1,285.00	1,074.10
Montrose-----	2,014.00	1,662.00	-----	-----	1,345.00	1,004.38	1,355.00	1,068.00
Morgan-----	2,055.13	1,389.45	1,850.00	1,483.33	999.75	968.94	1,392.85	1,108.18
Otero-----	2,003.56	1,425.29	1,595.81	1,338.40	-----	1,001.80	1,475.85	1,111.38
Ouray-----	1,480.00	1,415.00	-----	-----	-----	800.00	1,317.50	1,268.33
Park-----	-----	1,485.00	-----	-----	1,141.25	969.84	-----	-----
Phillips-----	1,868.75	1,360.71	-----	-----	910.25	854.63	1,228.00	956.08
Pitkin-----	2,000.00	1,400.00	-----	1,057.50	-----	866.50	-----	900.00
Prowers-----	1,580.60	1,197.00	1,405.80	1,229.00	1,450.00	962.58	1,575.00	1,050.90
Pueblo-----	1,444.65	1,329.05	1,908.26	1,443.20	998.12	946.97	2,037.82	1,113.07
Rio Blanco-----	1,500.00	1,500.00	-----	-----	862.30	856.00	-----	1,147.50
Rio Grande-----	2,517.50	1,412.50	1,750.00	1,368.50	-----	1,125.00	2,027.50	1,295.50
Routt-----	1,800.00	1,200.00	1,142.50	1,177.38	880.00	980.10	1,648.00	1,200.00
Saguache-----	1,722.90	1,352.00	1,385.00	1,430.00	1,165.75	929.50	1,106.25	1,025.83
San Juan-----	2,200.00	1,410.00	-----	-----	1,640.00	1,440.00	1,500.00	1,344.00
San Miguel-----	1,525.00	1,350.00	-----	1,558.00	-----	882.30	1,150.00	1,206.75
Sedgwick-----	1,781.25	1,218.11	-----	-----	870.00	960.50	1,182.29	919.01
Summit-----	1,655.00	1,250.00	-----	-----	-----	1,063.50	-----	1,125.00
Teller-----	1,540.00	1,364.00	-----	1,266.00	1,125.00	905.00	1,500.00	1,200.00
Washington-----	2,055.00	1,422.00	-----	-----	967.50	930.50	1,403.33	1,079.66
Weld-----	1,902.75	1,318.50	1,470.00	1,280.00	996.25	1,017.23	1,348.00	1,070.60
Yuma-----	1,801.00	1,368.00	-----	-----	947.50	950.00	1,325.00	1,120.00
State-----	\$1,922.65	\$1,437.60	\$1,592.35	\$1,365.00	\$1,046.70	\$ 954.73	\$1,417.00	\$1,160.00

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 children.....Denver
Insane hospital.....Pueblo
Home and training school for mental defectives.....Grand Junction
Home and training school for mental defectives.....Ridge
Soldiers and sailors home...Monte Vista
Industrial workshop for the blind..Denver

The educational institutions, and their locations, are as follows:

Agricultural college.....Fort Collins
School of mines.....Golden
Teachers college.....Greeley
University of Colorado.....Boulder
Western state college.....Gunnison
Adams normal school.....Alamosa
Mute and blind school..Colorado Springs
Port Lewis school.....Hesperus

The value of the state institutions named above, including land, buildings, improvements, equipment, and cash, was \$22,750,651 in 1928, according to the inventory of the public examiner. This compares with an inventory value of \$23,558,543 in 1926, and \$17,973,107 in 1924. A table giving details of valuations of state institutions is published elsewhere in this volume under the heading "Inventory Value of State Property."

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 appointed by the governor. The inventory value of the institution in 1928, as reported by the public examiner, was as follows:

Lands	\$ 15,950
Buildings and improvements...	1,382,000
Machinery	14,773
Tools and equipment.....	91,528
Furniture and fixtures.....	2,903
Libraries, etc.....	4,500
Autos, etc.....	10,860
General supplies.....	11,749
Livestock	18,304
Rights in land.....	4,000
Cash	19,072

Total.....\$1,575,639

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

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

Year	Male	Female	Total
1926.....	508	28	536
1927.....	558	38	596
1928.....	497	38	535
1929.....	532	18	550

Disbursements on account of the penitentiary for the year ended November 30, 1927, in detail, and totals by years, are given in separate tables under the headings "Disbursements" of state institutions.

HOSPITAL FOR INSANE

The value of the state hospital for the insane at Pueblo in 1928, as reported by the public examiner, was as follows:

Lands	\$ 208,000
Buildings and improvements..	1,477,500
Machinery	105,000
Tools and equipment.....	52,000
Furniture and fixtures.....	195,000
Libraries, etc.....	600
Autos, etc.....	7,000
General supplies.....	24,329
Livestock	28,958
Rights in lands.....	17,868
Cash	3,000

Total.....\$2,119,255

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

The number received during the year ending November 30, for the year 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

Disbursements on account of the hospital in 1927 in detail, and totals by years, are given in separate tables under the headings "Disbursements of State Institutions."

DISBURSEMENTS STATE INSTITUTIONS, BY YEARS

(From Report of Public Examiner)

INSTITUTION	1923	1924	1925	1926	1927
Educational:					
Agricultural college.....	\$1,268,111	\$1,152,161	\$1,161,255	\$1,258,758	\$1,382,498
Fort Lewis school.....	*	107,402	119,137	133,230	\$4,596
Alamosa Normal.....	31,629	67,265	21,616	8,219	24,015
School of Mines.....	292,325	280,735	273,950	296,018	298,938
Teachers college.....	581,946	664,759	587,813	722,698	738,917
University.....	1,958,306	2,861,333	2,221,773	1,803,371	1,983,946
Western State college.....	209,920	240,349	244,841	262,624	228,648
Deaf and Blind school.....	278,171	165,601	173,435	277,143	182,122
Total.....	\$4,620,408	\$5,539,605	\$4,803,870	\$4,762,061	\$4,923,670
Eleemosynary:					
Dependent and Neglected Children.....	\$ 87,240	\$ 116,626	\$ 91,353	\$ 83,302	\$ 99,444
Insane Hospital.....	756,099	510,058	552,111	544,263	639,158
Mental Defectives (Ridge).....	38,922	37,833	33,135	83,477	40,608
Mental Defectives (Grand Junction).....	75,289	71,181	85,303	77,377	100,586
Soldiers' and Sailors' Home.....	151,015	126,773	132,576	117,400	116,195
Workshop for Blind.....	50,510	50,390	32,298	29,386	27,416
Detention Home.....	12,456	10,790	10,694	750	-----
Total.....	\$1,171,531	\$ 923,651	\$ 937,470	\$ 935,955	\$1,023,402
Penal and Reform:					
Penitentiary.....	\$ 232,397	\$ 272,011	\$ 405,304	\$ 406,931	\$ 413,311
Industrial School, boys.....	136,967	195,018	147,985	182,451	163,229
Industrial School, girls.....	58,012	66,501	55,600	62,796	54,844
Reformatory.....	109,914	81,621	116,781	109,208	130,938
Total.....	\$ 587,290	\$ 615,151	\$ 725,670	\$ 761,386	\$ 762,322
Recapitulation:					
Educational.....	\$4,620,408	\$5,539,605	\$4,803,870	\$4,762,061	\$4,923,670
Eleemosynary.....	1,171,531	923,651	937,470	935,955	1,023,402
Penal and reform.....	587,290	615,151	725,670	761,386	762,322
Grand total.....	\$6,879,229	\$7,078,407	\$6,467,010	\$6,459,402	\$6,709,394

*Included under Agricultural College.

POPULATION OF STATE INSTITUTIONS

(November 30 of Years Named)

INSTITUTION	1914	1919	1924	1925	1926	1927	1928	1929
Industrial school for boys.....	293	337	318	193	257	289	274	247
Industrial school for girls.....	122	136	149	125	139	141	125	135
Reformatory.....	137	157	183	222	171	189	159	155
Home and training schools:								
Grand Junction.....	*	*	247	250	271	254	252	260
Ridge.....	80	73	77	80	78	74	89	108
Soldiers' and Sailors' Home.....	188	153	151	219	203	160	160	185
Insane hospital.....	1,176	1,926	2,425	2,461	2,617	2,760	2,843	2,898
Penitentiary.....	352	571	891	964	958	1,065	1,036	1,061
Workshop for blind.....	18	18	27	13	13	16	16	27
Home for dependent and neglected children.....	236	192	154	147	135	158	192	198
Totals.....	2,602	3,563	4,622	4,674	4,842	5,096	5,146	5,274

INVENTORY VALUE STATE PROPERTY, 1930

(From Reports of State Examiner)

Note.—Another table shows inventory as of November 30, 1928, classified as to institutions and departments.

Classification	Nov. 30, 1928	June 30, 1930
Lands -----	\$ 45,988,877	\$ 50,338,029
Buildings and improvements-----	57,840,578	62,801,535
Machinery -----	651,445	610,414
Tools and equipment-----	1,860,859	1,216,291
Furniture and office equipment-----	1,617,706	1,819,111
Libraries and collections-----	1,364,061	1,270,087
Automobiles, trucks, etc.-----	186,286	686,756
General supplies-----	292,569	307,119
Livestock -----	239,042	246,771
Land, water and mineral rights-----	100,045,748	100,067,275
Cash in funds, institutions and departments-----	7,192,439	10,712,715
Totals-----	\$217,279,610	\$230,076,103

INVENTORY VALUE STATE PROPERTY, 1928 AND 1926

(From Auditor's Reports)

Department or Institutions	Lands, Bldgs. and Improvem'ts	Libraries, Equipment, Supplies, Etc.	Miscel- laneous	Total 1928	Total 1926
Adams Normal-----	\$ 109,080	\$ 18,077	\$ 39	\$ 127,196	\$ 117,742
Agricultural College-----	3,350,000	576,763	60,310	3,987,073	2,579,497
Fort Lewis School-----	542,300	91,095	-----	633,395	3,745,920
School of Mines-----	590,399	476,753	17,385	1,084,537	1,087,646
State University-----	5,540,900	1,344,153	150,000	7,035,053	6,414,864
Teachers College-----	1,480,533	380,720	1,000	1,862,253	1,888,039
Western State College-----	361,875	105,379	7,918	475,172	353,605
Penitentiary-----	1,397,950	154,617	23,072	1,575,639	1,681,584
Reformatory-----	225,225	155,731	1,874	382,830	376,202
Industrial School, Girls-----	274,170	56,080	3,700	333,950	336,192
Industrial School, Boys-----	467,235	78,861	9,647	555,743	500,078
Deaf and Blind School-----	850,422	157,650	1,099	1,009,171	952,536
Dependent and Neglected Children's Home-----	232,400	54,400	500	287,300	274,859
Hospital for Insane-----	1,685,500	412,887	20,868	2,119,255	2,094,847
Mental Defectives, Ridge-----	278,165	26,283	7,700	312,148	253,366
Mental Defectives, Grand Junction-----	412,444	85,681	2,680	500,805	500,464
Soldiers' and Sailors' Home--	331,233	106,648	2,800	440,681	371,652
Workshop for Blind-----	9,500	18,950	13,500	28,450	29,750
Capitol Managers-----	8,814,923	482,535	-----	9,297,508	9,311,000
Game and Fish Department--	665,340	740,445	-----	1,405,785	402,849
Highway Department-----	32,363,680	632,200	14,679	33,010,559	31,801,940
Land Board-----	42,684,677	12,076	†100,000,061	142,696,814	141,723,112
Military Department-----	939,004	26,913	-----	965,917	1,016,325
State Fair-----	222,500	7,550	-----	230,050	147,000
Miscellaneous Departments--	-----	9,471	*6,912,855	6,922,326	4,955,138
Totals, 1928-----	\$103,829,455	\$6,211,968	\$107,238,187	\$217,279,610	-----
Totals, 1926-----	\$100,101,384	\$4,812,335	\$108,002,438	-----	\$212,916,207

*Includes \$6,864,400 cash in hands of State Treasurer.

†Includes \$100,000,000 rights in lands.

DISBURSEMENTS OF STATE INSTITUTIONS FOR YEAR ENDING NOVEMBER 30, 1927
(From Report of the Public Examiner)

	Salaries		Maintenance		Equipment		Lands, Bldgs.		Miscellaneous		Total
	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	
Educational:											
Agricultural college-----	\$ 783,584.91	56.7	\$ 375,441.15	27.2	\$ 8,916.69	0.6	\$ 144,076.32	10.4	\$ 70,468.62	5.1	\$1,382,487.69
Fort Lewis-----	38,916.10	46.0	45,051.45	53.3	628.35	0.7	-----	-----	-----	-----	84,996.90
Adams normal-----	19,169.10	79.8	3,771.10	7.4	3,074.46	12.8	-----	-----	-----	-----	24,016.56
School of Mines-----	196,417.09	68.4	69,886.17	28.4	16,846.04	6.6	-----	-----	16,768.63	5.6	298,887.33
Teachers' college-----	161,616.13	48.9	111,424.41	16.1	16,278.54	2.2	148,704.80	20.1	100,893.19	13.7	738,917.07
University of Colorado-----	1,051,990.50	53.0	639,682.86	32.2	4,247.73	0.2	271,240.02	13.7	16,784.65	0.9	1,983,945.76
Western State-----	128,627.92	56.2	32,627.92	14.2	-----	-----	26,831.52	11.3	41,763.76	18.3	228,648.13
Deaf and blind school-----	115,301.28	63.3	57,866.72	31.8	2,563.97	1.4	3,380.92	1.9	3,008.81	1.6	182,121.70
Total-----	\$2,694,523.87	54.7	\$1,333,648.79	27.1	\$ 62,555.78	1.1	\$ 593,233.58	12.0	\$ 249,707.66	5.1	\$4,923,669.68
Eleemosynary:											
Dependent and neglected children-----	\$ 29,304.73	29.5	\$ 62,732.64	63.1	\$ 264.60	0.3	\$ 7,023.75	7.0	\$ 118.67	0.1	\$ 99,444.39
Insane asylum-----	202,984.67	31.7	407,713.02	63.8	2,933.67	0.5	19,676.19	3.1	5,850.55	0.9	639,158.10
Mental defectives (Ridge)-----	17,375.82	42.8	15,436.83	38.0	-----	-----	7,783.50	19.2	6.41	-----	40,602.56
Mental defectives (Grand Junction)-----	27,207.65	27.1	71,253.33	30.8	-----	-----	2,125.10	2.1	-----	-----	100,586.08
Soldiers' and sailors' home-----	28,060.44	24.1	40,484.71	34.8	1,254.48	1.1	46,310.47	39.9	85.28	0.1	116,195.38
Workshop for blind-----	13,680.45	49.9	2,846.05	10.4	-----	-----	-----	-----	10,889.23	39.7	27,415.73
Total-----	\$ 318,613.76	31.1	\$ 600,466.58	58.7	\$ 4,452.75	0.5	\$ 82,919.01	8.2	\$ 16,950.14	1.5	\$1,023,402.24
Penal and Reform:											
Penitentiary-----	\$ 119,561.67	28.9	\$ 238,534.89	57.7	\$ 918.21	0.3	\$ 12,005.83	2.9	\$ 42,290.69	10.2	\$ 413,311.29
Reformatory-----	35,000.00	26.7	92,194.77	70.4	-----	-----	-----	-----	3,743.16	2.9	130,937.93
Boys' industrial school-----	51,620.75	31.6	102,861.94	63.0	1,481.14	0.9	7,766.50	2.3	3,698.66	2.2	163,228.99
Girls' industrial school-----	24,376.78	44.4	27,613.31	50.4	-----	-----	1,667.59	3.0	1,195.78	2.2	54,843.96
Total-----	\$ 230,459.20	30.2	\$ 461,205.41	60.5	\$ 2,399.35	0.3	\$ 17,429.92	2.3	\$ 50,828.29	6.7	\$ 762,322.17
Recapitulation:											
Educational-----	\$2,694,523.87	54.7	\$1,333,648.79	27.1	\$ 62,555.78	1.1	\$ 593,233.58	12.0	\$ 249,707.66	5.1	\$4,923,669.68
Eleemosynary-----	318,613.76	31.1	600,466.58	58.7	4,452.75	0.5	82,919.01	8.2	16,950.14	1.5	1,023,402.24
Penal and reform-----	230,459.20	30.2	461,205.41	60.5	2,399.35	0.3	17,429.92	2.3	50,828.29	6.7	762,322.17
Grand total-----	\$3,243,596.83	48.3	\$2,395,320.78	35.8	\$ 59,407.88	0.9	\$ 693,582.51	10.3	\$ 317,486.09	4.7	\$6,709,394.09

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 \$124,000,000 was expended for this purpose by all agencies in the state from 1910 to 1929, inclusive, covering the building of new roads, maintenance and administrative expenses. This is exclusive of street construction in cities and towns.

The state at the beginning of 1930 had 68,973 miles of state and county roads, according to a survey made by the United States bureau of public roads and the state highway commission. Of the total, 9,203 miles comprise what is known as state highways and 59,770 miles are county roads. The state, including state and county projects, has a total of 358 miles of paved highway, 6,799 miles surfaced with gravel or sand clay, and 9,304 miles graded, the remainder being unimproved. Some of the roads classed as unimproved have been surfaced to some extent, but not in accordance with the specifications under which the classifications are made.

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 highway engineer. The senior assistant engineer has complete charge of the office and routine problems connected therewith. The assistant engineer has charge of all engineering covering location, design and construction. The maintenance engineer has direct control of all maintenance work, as well as mechanical equipment. The auditor has charge of all accounting. A division engineer, in charge of location and construction, and a maintenance superintendent are assigned to each of the seven districts.

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. E. B. Allen.....Silverton
4. E. G. Middlekamp.....Pueblo
5. Jefferson H. Davis.....Colorado Springs
6. L. C. Moore.....Fort Collins
7. Frank H. Blair.....Sterling

GENERAL OFFICE

- O. T. Reedy...Senior Assistant Engineer
 J. E. Maloney.....Assistant Engineer
 Robt. H. Higgins...Supt. of Maintenance
 John P. Donovan...Maintenance Engineer
 Paul Bailey.....Bridge Engineer
 Roy Randall.....Office Engineer
 John Marshall.....Chief Draftsman
 Edwin Mitchell.....Auditor
 Roy F. Smith.....Chief Clerk

DIVISION ENGINEERS

Div.

1. E. E. Montgomery.....Denver
2. J. J. Vandermoer....Grand Junction
3. J. R. Cheney.....Durango
4. James D. Bell.....Pueblo
5. Ernest Montgomery...Colorado Springs
6. H. L. Jenness.....Glenwood Springs
7. A. B. Collins.....Greeley

Owing to geographical conditions and mountain barriers, the highway advisory board districts do not correspond with the engineering and maintenance divisions. There are six assistant superintendents of maintenance, the list including the following, with headquarters as indicated:

- John Stamm.....Denver
 George Toupain.....Grand Junction
 D. Kirk Shaw*.....Durango
 D. N. Stewart.....Pueblo
 Robert E. Norvell.....Limon
 J. O. Francisco.....Steamboat Springs

* Vacancy caused by death.

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 1928 the government provided 35.4 per cent of the total revenues of the state highway department, while 57.7 per cent of the total expenditure by the department was on federal aid projects.

The United States forest service constructs numerous roads and trails in and adjacent to the national forests, and expended for that purpose in 1929 a total of \$467,597. 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 projects 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 1929 as reported by the different agencies was approximately \$11,399,330. A table published herewith shows that total disbursement by counties was \$5,370,214, and by the state highway department \$5,769,234, which, with expenditures for road purposes by the forest service of \$467,595, gives a total of \$11,607,043. The report on expenditures by counties is, however, incomplete, as three counties made no returns on these items. Part of the county expenditures were made out of state funds. After eliminating duplications, the expenditures were as follows:

By counties.....	\$ 5,162,500
By state highway department	5,769,234
By forest service.....	467,597
Total	\$11,399,331

The total of \$11,607,043 for 1929 disbursements, before eliminating duplicate items, compares with \$12,502,418 in 1928, \$10,248,179 in 1926, and \$11,538,804 for 1925. 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 from which funds of the highway department come are shown in the following table of receipts for the fiscal years ending November 30, 1927 and 1928:

Source	1927	1928
Taxes:		
Half-mill levy....	\$ 762,527	\$ 787,946
Gasoline tax....	1,740,651	2,665,355
U. S. Government:		
Federal aid.....	1,148,156	1,730,450
Internal improvement	70,600	69,200
County aid & misc.	109,200	62,276
Total	\$3,831,134	\$5,315,227

The figures for 1929, which cover the 13-months period from December 1, 1928, to December 31, 1929, are as follows:

Taxes:	
Half-mill levy.....	\$ 432,872
Gas tax.....	3,908,623
U. S. Government:	
Federal aid.....	1,879,435
Internal improvement.....	64,300
Bus licenses.....	35,534
Highway receipts.....	38,767
Total	\$6,359,531

A table published elsewhere in this volume shows amounts and sources of revenues for highway purposes by counties. Included in this table are items aggregating \$207,713 transferred to counties from state highway funds for maintenance purposes, which also appear in state highway fund tables. These duplicates are not omitted from the tables since each of the agencies handled the items.

The distribution of funds by the state highway department for the fiscal years ending November 30, 1927 and 1928, is shown in the following table of disbursements:

Purpose	1927	1928
Federal aid projects..	\$2,522,026	\$3,650,829
State projects.....	591,607	665,702
Maintenance	852,123	917,287
Federal aid renewals	6,559	.....
Maintenance equipment and repairs.	.....	486,951
Property and equipment	24,756	28,935
Surveys	15,824	31,119
Road signs and traffic census	30,532	6,755
Administration	101,593	115,394
Compensation insurance	19,784	13,030
Total	\$4,164,804	\$5,916,002

The distribution of state highway funds in 1929, which is not comparable with former years on account of the change in the fiscal year to the calendar year, is shown in the following table:

Federal aid projects.....	\$3,218,109
State projects.....	547,925
Maintenance	1,195,481
Maintenance equipment and repairs	360,185
Property and equipment.....	41,490
Construction equipment.....	33,440
Surveys	26,157
Traffic signs and census.....	21,771
Administration	174,024
Federal aid renewals.....	140,034
Compensation insurance.....	10,618

Total\$5,769,234

Status of highway funds for 1929 was as follows:

Balance, Dec. 1, 1928.....	\$ 739,839
Receipts	6,359,531

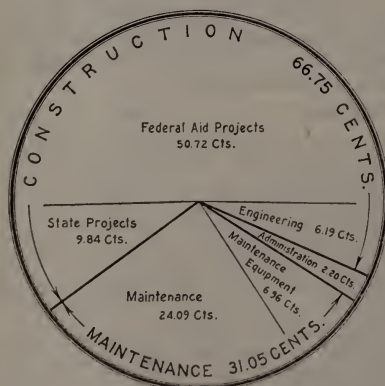
Total\$7,099,370

Disbursements 5,769,234

Balance Dec. 31, 1929.....\$1,330,136

There is published herewith a chart showing the division of the dollar as expended by the state highway department in 1929, together with tables showing mileage of roads by classification and county revenues and disbursements for highway purposes. Elsewhere in this volume will be found detailed tables by counties on motor vehicle license receipts and gasoline tax receipts.

COLORADO STATE HIGHWAY DEPARTMENT HOW THE HIGHWAY DOLLAR WAS EXPENDED FOR THE YEAR 1929.



SUMMARY.

Administration	2.20%
Maintenance	24.09%
Maintenance Equipment	6.96%
Total Maintenance	31.05%
Construction	
Federal Aid Projects	50.72%
State Projects	9.84%
Engineering	6.19%
Total Construction	66.75%
Total	100.00%

Colorado's road-building problem is aggravated by the fact that hundreds of miles of needed highway improvements extend into sparsely settled districts, where both construction and maintenance costs are high and distances between cities of consequence are great. To overcome that feature determined efforts are being made by the state to induce the United States bureau of roads to approve the appropriation of large sums of money for the construction of such roads, where they are of transcontinental importance. In many instances—notably between Craig, Colorado, and Vernal, Utah—the highway extends across vast areas of public domain, which returns nothing in taxes, either to the state or to local and county governments.

To meet this demand, which is common to all public land states of the West, a measure known as the Colton-Oddie bill is being urged upon congress. It provides for generous participation in road-building expense by the federal government where roads extend over public lands and are important to the government as military or post roads. Proponents of the measure argue that highways of that character are of greater importance nationally than locally, and that as the cost of construction is prohibitive to local governmental bodies the United States should consider them links in national highways, rather than local roads, and should bear most, if not all of the expense.

The funds supplied by the government towards the construction of federal aid projects are governed by certain regulations which result in a division of costs that varies on different projects but, as a rule, the government pays about 56.22 per cent of the construction cost of the projects. The state does the locating and engineering work at its own expense, and after a project is approved by the bureau of roads the government stands half the cost, not to exceed \$30,000 a mile.

The federal census reports for 1925 show that the 58,026 farms in the state were located as follows with reference to roads:

Concrete or brick road.....	800
Macadam road.....	71
Gravel road.....	8,051
Improved dirt road.....	24,961
Unimproved dirt road.....	22,245
All other, including not reported..	1,898

Total58,026

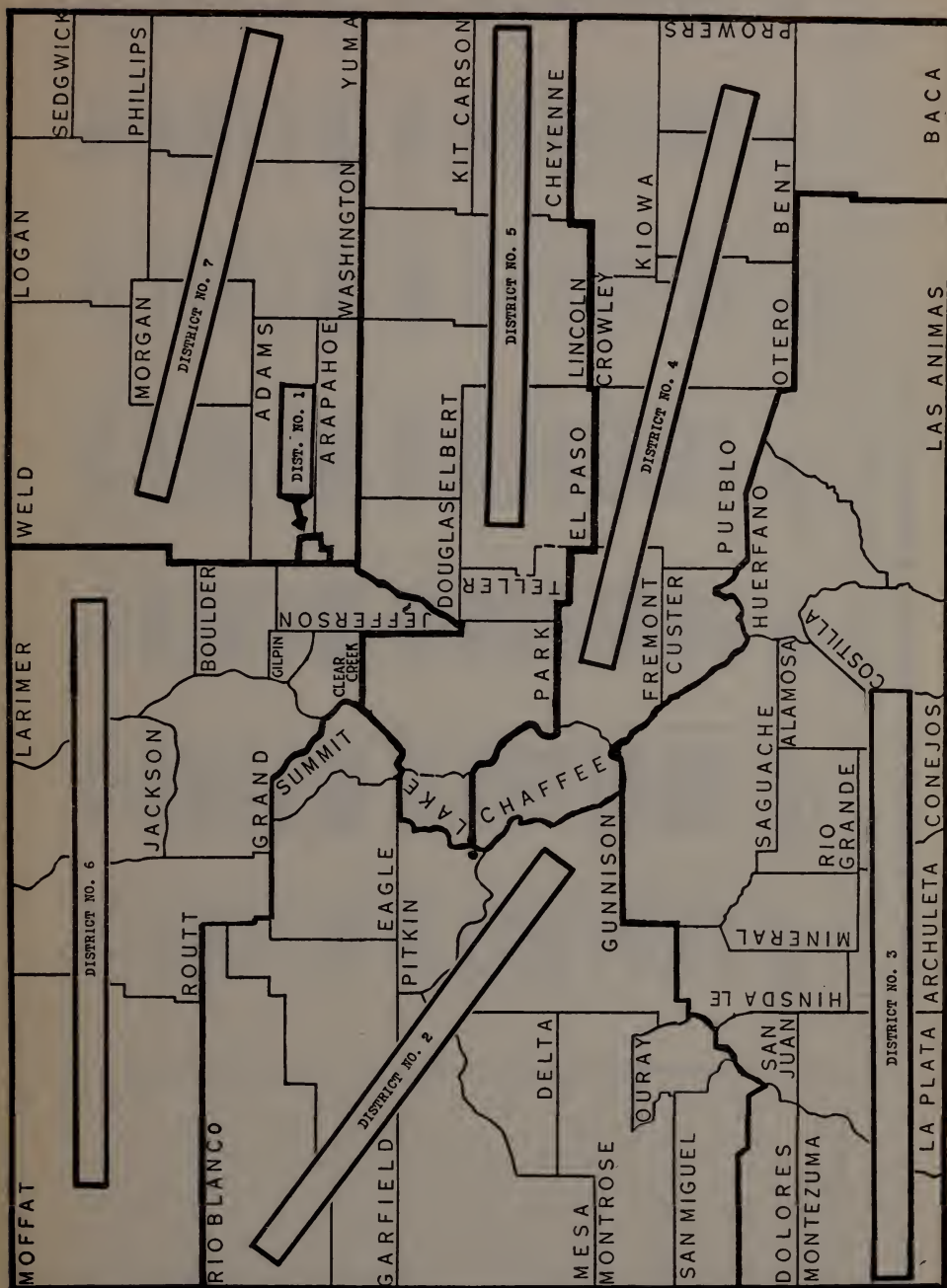


Chart Showing Boundaries of the Highway Districts Having Representation on the Highway Advisory Board of Colorado.

COUNTY REVENUE FOR HIGHWAY PURPOSES IN 1929

(Supplied by U. S. Bureau of Public Roads)

COUNTY	Balance on Hand	General County Road Taxes	Motor Vehicle Fees	Gasoline Taxes	Transfers to Road Fund	Miscel- laneous	Totals
	\$	\$	\$	\$	\$	\$	\$
Adams.....	5,514.85	94,851.69	20,890.77	17,605.43	3,598.05	5,299.60	147,760.39
Alamosa.....	.....	10,741.62	6,405.71	17,411.20	3,494.50	885.95	38,938.98
Arapahoe.....	4,579.74	63,687.00	19,532.34	17,451.15	15,242.84	3,103.23	123,566.30
Archuleta.....	.....	20,324.50	1,507.45	16,532.71	.....	1,886.30	40,250.96
Baca.....	25,730.35	25,600.00	2,124.59	36,649.56	.....	.....	90,104.50
Bent.....	59,235.24	59,235.24	6,364.78	12,407.94	187.87	.....	78,457.99
Boulder.....	762.81	160,198.46	31,049.57	19,992.40	3,984.43	5,014.27	221,001.94
Chaffee.....	16,081.10	95.68	4,664.92	15,844.14	1,130.02	3,105.30	40,921.16
Cheyenne.....	2,281.00	19,562.00	2,848.50	21,564.00	7,000.00	3,100.00	53,755.50
Clear Creek.....	18,930.35	13,136.32	1,903.68	18,366.47	.....	2,553.57	54,896.39
Conejos.....	35,176.77	18,762.32	4,880.02	20,345.53	608.56	2,750.27	121,711.13
Costilla.....	.....	.....	.....	.....	.....	.....	.....
Crowley.....	.....	4,249.22	5,143.91	10,799.46	.....	211.32	20,404.51
Custer.....	—11,038.46	4,791.77	2,304.32	16,165.25	5,681.04	1,968.64	19,872.56
Delta.....	5,091.01	62,373.32	11,827.98	14,476.04	2,736.31	8,876.71	105,371.37
Dolores.....	4,498.93	8,016.94	695.79	12,102.35	2,500.00	3,259.78	31,066.79
Douglas.....	252.02	33,515.93	3,729.97	26,174.38	.....	6,831.32	70,503.62
Eagle.....	857.54	40,703.53	2,350.45	21,768.71	.....	8,157.46	73,837.69
Elbert.....	.....	40,680.35	5,916.79	18,143.03	3,964.08	10,962.81	79,667.66
El Paso.....	4,578.99	138,546.38	44,535.17	39,498.92	27,302.57	4,698.70	249,161.33
Fremont.....	.....	45,812.13	15,163.94	29,654.40	.....	25,949.79	116,580.26
Garfield.....	4,202.59	75,791.98	7,400.00	25,500.00	.....	6,146.00	119,040.57
Glavin.....	.....	.....	1,800.00	5,000.00	5,000.00	.....	11,800.00
Grand.....	1,194.85	13,109.84	1,724.32	32,735.54	.....	2,022.57	50,785.57
Gunnison.....	—14,526.48	25,277.82	1,781.19	39,138.85	.....	16,583.86	68,255.24
Hinsdale.....	1,819.32	846.68	268.66	7,757.48	2,810.66	3,278.77	16,781.57
Huerfano.....	.....	46,282.49	10,097.56	23,796.42	.....	1,616.34	81,792.81
Jackson.....	4,517.32	4,999.26	1,358.08	23,037.64	5,000.00	4,501.37	43,413.67
Jefferson.....	7,951.45	115,489.96	19,957.47	38,401.67	884.86	2,628.45	185,313.86

Kiowa.....	6,252.30	51,088.09	24,896.77	126.52	30,131.39
Kit Carson.....	54,390.05	9,310.85	29,607.47	479.51	100,040.18
Lake.....	18,466.41	2,522.76	12,445.63	2,832.31	59,380.82
La Plata.....	65,876.60	7,933.85	16,978.42	7,380.95	101,667.54
Larimer.....	1,087.45	32,772.66	43,534.99	16,267.67	285,416.93
Las Animas.....	114,693.66	21,002.29	45,852.62	22,260.67	226,319.90
Lincoln.....	1,788.60	8,286.00	54,311.19	2,789.67	121,003.34
Logan.....	73,831.60	18,872.87	25,666.11	1,437.86	128,339.62
Mesa.....	88,749.72	19,537.77	36,155.70	8,324.58	147,838.07
Mineral.....	3,573.45	449.51	11,358.28	2,985.15	34,851.86
Moffat.....	29,382.75	3,677.43	28,000.00	10,000.00	54,060.18
Montezuma.....	29,190.89	4,848.15	23,350.93	4,026.31	72,386.72
Montrose.....	27,215.99	8,717.47	39,729.09	7,233.47	102,489.98
Morgan.....	65,721.40	17,480.33	19,571.59	57,035.63	159,818.95
Otero.....	53,502.89	18,231.68	15,929.03	1,650.77	112,662.42
Ouray.....	.....	.....	.....	.....	.....
Park.....	17,000.00	1,668.66	35,006.76	4,074.07	57,749.49
Phillips.....	33,233.12	7,000.00	12,000.00	4,931.03	74,039.10
Pitkin.....	10,230.13	732.25	14,814.76	3,366.16	42,755.33
Prowers.....	22,097.65	10,834.02	33,885.78	1,074.91	68,061.85
Pueblo.....	103,996.02	44,000.00	21,000.00	20,000.00	194,996.02
Rio Blanco.....	11,917.15	2,657.66	34,321.21	1,575.86	61,529.67
Rio Grande.....	.....	21,316.99	14,801.57	2,435.07	38,553.63
Routt.....	38,355.98	5,159.07	28,677.46	16,103.31	75,237.49
Saguache.....	33,549.38	4,504.41	28,862.71	5,435.95	75,852.45
San Juan.....	6,919.92	841.18	7,519.49	1,855.74	19,538.36
San Miguel.....	26,898.30	1,349.97	24,321.67	16,931.66	70,286.68
Sedgwick.....	4,834.25	6,311.15	10,539.41	7,641.62	79,529.57
Summit.....	10,068.28	390.65	13,965.21	7,021.07	25,533.25
Teller.....	2,152.61	2,842.96	16,469.65	1,300.12	35,777.30
Washington.....	15,718.28	16,867.57	43,034.72	2,058.27	119,808.00
Weld.....	40,115.51	55,635.48	54,261.31	28,898.14	677,308.72
Yuma.....	.....	.....	.....	.....	.....
State.....	\$ 213,286.88	\$ 599,207.06	\$ 1,425,930.20	\$ 366,514.71	\$ 5,698,423.63

DISBURSEMENTS BY COUNTIES FOR HIGHWAY PURPOSES IN 1929
(Supplied by the United States Bureau of Public Roads.)

COUNTY	Construction		Maintenance		Adminis- tration Overhead	Bond In- terest and Redemp. Fund	Miscel- laneous	Total Disburse- ments	Balance End of Year	Total
	Roads	Bridges	Roads	Bridges						
Adams.....	---	---	\$ 130,005.39	\$ 15,000.00	---	---	---	\$ 145,005.39	\$ 2,755.00	\$ 147,760.39
Alamosa.....	---	---	17,878.86	3,000.00	---	---	\$ 5,628.70	26,407.56	12,631.42	38,938.98
Arapahoe.....	---	---	104,400.56	15,000.00	---	---	---	119,400.56	4,166.74	123,566.30
Archuleta.....	---	\$ 8,000.00	32,475.16	1,292.31	\$ 1,500.00	---	---	43,267.47	-3,016.51	40,250.96
Baca.....	\$ 28,050.44	7,207.33	35,290.72	1,234.28	---	---	100.00	71,882.77	18,221.73	90,104.50
Bent.....	16,614.49	3,000.00	54,543.50	4,000.00	---	---	---	78,487.39	78,487.39	78,487.39
Boulder.....	5,000.00	1,000.00	147,160.33	3,000.00	4,500.00	\$ 52,834.17	3,861.52	217,366.02	3,646.92	221,001.94
Chaffee.....	3,000.00	500.00	31,802.77	1,000.00	---	---	---	35,802.77	5,118.39	40,921.16
Cheyenne.....	7,000.00	---	17,951.58	1,000.00	300.00	---	---	26,251.58	27,503.92	53,755.50
Clear Creek.....	2,043.56	---	34,523.66	---	---	---	1,350.00	37,917.22	16,979.67	54,896.89
Conejos.....	---	---	20,838.93	---	---	---	1,848.21	22,687.14	8,414.56	31,101.70
Costilla.....	---	---	---	---	---	---	---	---	---	---
Crowley.....	---	---	18,000.00	2,404.51	---	---	---	20,404.51	---	20,404.51
Custer.....	5,000.00	500.00	22,388.70	2,000.00	---	575.13	600.79	31,064.82	-11,192.06	19,872.56
Delta.....	---	---	93,723.05	6,697.00	800.34	2,173.38	1,645.19	105,038.96	332.41	105,371.37
Dolores.....	---	---	25,593.70	2,000.00	586.35	---	---	28,180.05	2,886.74	31,066.79
Douglas.....	2,000.00	7,173.12	45,635.15	5,000.00	---	---	8,747.33	68,555.60	1,948.02	70,503.62
Eagle.....	---	---	53,966.85	3,000.00	---	---	20,318.10	77,284.95	-3,447.26	73,837.69
Elbert.....	---	---	71,919.46	5,000.00	2,743.20	---	---	79,667.66	79,667.66	79,667.66
El Paso.....	111,470.13	7,000.00	72,980.08	6,000.00	6,865.17	---	20,115.32	224,430.70	24,730.63	249,161.33
Fremont.....	---	---	93,869.56	31,000.00	---	---	---	124,869.56	-8,289.30	116,580.26
Garfield.....	4,849.95	---	76,452.72	14,094.27	5,393.15	---	---	100,790.09	18,250.48	119,040.57
Gilpin.....	---	---	10,000.00	---	---	---	---	10,000.00	1,800.00	11,800.00
Grand.....	---	---	45,500.92	5,000.00	---	---	---	50,500.92	285.65	50,786.57
Gunnison.....	3,708.23	---	9,346.56	3,883.50	4,994.00	3,406.00	66,326.14	91,664.43	-23,409.19	68,255.24
Hinsdale.....	---	---	15,574.36	---	---	---	---	15,574.36	1,207.20	16,781.56
Huerfano.....	---	---	57,221.39	20,000.00	4,571.42	---	---	81,792.81	---	81,792.81
Jackson.....	4,500.00	500.00	25,252.44	8,000.00	2,000.00	---	---	40,252.44	3,161.23	43,413.67
Jefferson.....	---	---	30,289.31	3,000.00	---	---	100,210.04	133,499.35	51,814.51	186,313.86

Kiowa-----	---	22,645.42	2,000.00	---	---	---	---	24,645.42	5,485.97	30,131.39
Kit Carson-----	---	90,000.00	5,077.64	---	---	---	---	95,077.64	4,962.54	100,040.18
Lake-----	800.00	29,267.52	2,000.00	1,800.00	---	---	---	51,510.97	7,869.85	59,380.82
La Plata-----	7,605.06	68,473.17	4,000.00	---	---	---	---	101,567.54	---	101,667.54
Larimer-----	17,140.79	171,210.42	42,802.10	2,480.00	---	---	---	272,903.39	12,513.54	285,416.93
Las Animas-----	4,234.10	140,943.37	13,063.41	---	---	---	---	197,305.31	29,014.69	226,320.00
Lincoln-----	15,000.00	77,052.16	1,000.00	1,200.00	---	---	---	114,307.74	6,695.60	121,003.34
Logan-----	18,952.15	85,100.00	5,000.00	---	---	---	---	128,391.55	108.07	128,499.62
Mesa-----	---	---	---	---	---	---	---	129,687.44	18,150.63	147,838.07
Mineral-----	5,840.38	14,171.24	---	---	---	---	---	20,143.63	13,703.22	33,851.85
Monte-----	10,000.00	45,000.00	5,000.00	4,000.00	---	---	---	69,000.00	54,060.18	---
Montezuma-----	---	63,055.48	5,000.00	---	---	---	---	88,055.48	4,331.24	72,386.72
Montrose-----	---	83,343.03	7,000.00	---	---	---	---	90,343.03	12,116.96	102,459.98
Morgan-----	18,042.20	113,899.33	7,956.19	2,400.00	---	---	---	167,481.70	7,662.75	159,818.95
Otero-----	8,000.00	90,723.96	4,000.00	---	---	---	---	110,613.92	2,048.50	112,662.42
Ouray*-----	---	---	---	---	---	---	---	---	---	---
Park-----	12,300.00	42,752.59	2,000.00	---	---	---	---	57,052.59	696.90	57,749.49
Phillips-----	---	55,019.41	5,000.00	---	---	---	---	60,019.41	14,019.59	74,039.10
Pitkin-----	---	90,303.42	2,000.00	---	---	---	---	92,303.42	9,876.79	42,753.53
Prowers-----	---	55,641.06	7,664.50	3,348.26	---	---	---	67,209.85	852.00	68,061.85
Pueblo-----	11,334.64	95,626.01	6,248.02	6,430.48	---	---	---	103,418.75	1,577.27	194,996.02
Rio Blanco-----	---	36,785.80	6,000.00	1,975.20	---	---	---	52,530.62	8,999.05	61,529.67
Rio Grande-----	---	20,909.45	7,000.00	---	---	---	---	27,909.45	10,644.18	38,553.63
Routt-----	---	40,000.00	2,235.01	1,732.92	---	---	---	67,148.86	8,088.63	75,237.49
Saguache-----	10,000.00	27,000.00	2,272.63	---	---	---	---	73,872.63	1,979.82	75,852.45
San Juan-----	234.75	15,362.50	645.27	2,190.00	---	---	---	18,802.52	733.84	19,536.36
San Miguel-----	5,000.00	47,556.63	2,000.00	---	---	---	---	51,630.56	35,960.51	70,226.68
Sedgwick-----	168,362.67	---	---	---	---	---	---	106,187.19	---	79,642.57
Summit-----	---	9,698.26	937.00	---	---	---	---	18,286.77	7,246.48	25,533.25
Teller-----	---	---	---	---	---	---	---	35,777.30	---	35,777.30
Washington-----	---	110,000.00	9,808.00	---	---	---	---	119,808.00	---	119,808.00
Weld-----	271,343.13	129,453.26	32,540.56	17,391.10	---	---	---	631,806.74	46,501.98	677,308.72
Yuma*-----	---	---	---	---	---	---	---	---	---	---
State-----	\$704,775.25	\$241,795.19	\$3,205,379.20	\$79,706.59	\$161,359.24	\$.625,283.38	\$5,370,214.13	\$346,240.15	---	\$5,716,454.28

*No information available. †Not segregated.

MILEAGE OF HIGHWAYS IN COLORADO AT BEGINNING OF 1930
(Compiled from Records of U. S. Bureau of Public Roads and State Highway Commission)

COUNTY	State Roads					County Roads				Total State & County
	Hard Sur- faced	Gravel & Sand Clay	Graded	Unim- proved	Total State	Gravel & Sand Clay	Graded	Unim- proved	Total County	
Adams	26.9	65.8	4.4	---	97.1	198.7	244.0	1,016.0	1,453.7	1,555.8
Alamosa	---	32.7	43.0	38.4	114.1	69.0	---	347.0	416.0	530.1
Arapahoe	12.7	69.4	22.8	---	104.9	97.0	---	400.0	500.0	604.9
Archuleta	---	21.6	81.7	---	103.3	15.0	35.0	356.7	406.7	510.0
Baca	---	16.1	221.2	---	237.3	---	16.0	445.0	461.0	698.3
Bent	6.7	32.0	34.1	---	72.8	---	---	759.0	759.0	831.8
Boulder	32.7	55.9	51.2	---	139.8	61.3	---	652.7	714.0	853.8
Chaffee	---	46.4	47.2	---	93.6	17.0	10.0	229.4	256.4	350.0
Cheyenne	---	89.1	38.3	---	127.4	7.0	71.0	759.0	837.0	964.4
Clear Creek	---	38.2	66.5	3.8	108.5	---	9.5	130.0	139.5	248.0
Conejos	---	38.6	82.0	10.0	130.6	7.1	---	484.9	492.0	622.6
Costilla	---	40.4	67.5	21.5	129.4	---	13.0	169.0	182.0	311.4
Crowley	---	39.6	24.2	---	63.8	30.0	40.0	724.0	794.0	857.8
Custer	---	3.5	87.0	---	95.5	5.0	---	600.0	605.0	700.5
Delta	---	53.1	66.1	---	119.2	---	28.0	447.5	475.5	594.7
Denver	---	---	---	---	---	---	---	---	---	---
Dolores	---	---	71.5	---	71.5	---	---	209.6	209.6	281.1
Douglas	36.1	82.2	44.9	---	163.2	130.0	---	370.0	500.0	663.2
Eagle	---	30.3	89.4	8.9	128.6	10.0	---	251.8	261.8	390.4
Elbert	---	54.2	74.6	---	128.8	---	41.8	1,650.2	1,692.0	1,820.8
El Paso	34.2	121.5	85.5	6.0	247.2	345.7	885.0	1,829.8	3,060.5	3,307.7
Fremont	2.2	73.7	83.3	16.0	175.2	---	---	172.0	172.0	347.2
Garfield	---	62.1	86.5	7.5	156.1	---	25.0	1,290.0	1,315.0	1,471.1
Gilpin	---	4.0	32.1	---	36.1	11.0	---	163.0	174.0	210.1
Grand	---	49.8	143.2	0.1	193.1	---	61.0	91.0	152.0	345.1
Gunnison	---	58.7	177.9	10.5	247.1	18.0	---	218.0	236.0	483.1
Hinsdale	---	---	48.6	---	48.6	---	49.0	72.0	121.0	169.6
Huerfano	---	43.7	90.7	6.5	140.9	---	---	380.0	380.0	520.9
Jackson	---	52.5	83.6	---	136.1	---	---	256.0	256.0	392.1
Jefferson	22.5	127.8	59.7	17.1	227.1	6.5	176.7	907.8	1,091.0	1,318.1
Kiowa	---	57.4	88.7	---	146.1	48.0	---	615.0	663.0	809.1
Kit Carson	---	103.3	71.5	---	174.8	---	10.0	1,495.0	1,505.0	1,679.8
Lake	---	52.7	22.0	---	74.7	---	---	80.0	80.0	154.7
La Plata	---	72.4	28.9	---	101.3	65.0	10.0	1,415.1	1,490.1	1,591.4
Larimer	21.7	116.8	117.4	1.3	257.2	264.0	140.0	663.0	1,068.2	1,325.4
Las Animas	19.7	92.4	140.8	18.0	270.9	26.5	155.0	5,566.2	5,747.7	6,018.6
Lincoln	---	108.0	212.9	---	320.9	---	37.3	941.7	979.0	1,299.9
Logan	15.7	139.8	14.0	---	169.5	70.5	34.0	2,493.5	2,598.0	2,767.5
Mesa	5.9	63.6	151.0	4.0	224.5	18.0	108.0	2,328.0	2,454.0	2,678.5
Mineral	---	---	67.1	---	67.1	15.0	---	27.9	42.9	110.0
Moffat	---	32.4	152.8	---	185.2	20.0	20.0	860.0	900.0	1,085.2
Montezuma	---	48.5	89.2	---	137.7	6.2	303.8	800.0	1,110.0	1,247.7
Montrose	---	57.7	172.0	6.2	235.9	7.0	73.2	879.8	960.0	1,195.9
Morgan	35.0	57.2	18.7	9.0	119.9	51.0	192.0	913.0	1,156.0	1,275.9
Otero	12.9	16.1	64.0	---	93.0	43.2	5.0	1,450.4	1,498.6	1,591.6
Ouray	---	24.7	24.8	---	49.5	52.0	21.4	192.6	266.0	315.5
Park	---	119.9	86.6	8.7	215.2	---	3.0	270.0	273.0	488.2
Phillips	---	85.6	19.0	---	104.6	152.0	---	648.0	800.0	904.6
Pitkin	---	---	81.4	6.7	88.1	10.0	---	114.0	124.0	212.1
Prowers	1.7	83.2	108.4	---	195.3	92.0	49.1	584.5	727.0	920.3
Pueblo	20.0	102.6	71.4	---	194.0	290.0	96.0	1,400.0	1,696.0	1,890.0
Rio Blanco	---	41.5	151.5	13.3	206.3	---	4.0	355.0	359.0	565.3
Rio Grande	---	42.9	43.3	---	86.2	---	---	231.0	231.0	317.2
Routt	---	35.9	135.0	2.0	172.9	10.0	20.0	1,731.0	1,761.0	1,933.0
Saguache	---	82.8	86.0	---	168.8	61.0	34.0	1,004.3	1,099.3	1,268.1
San Juan	---	35.1	5.0	4.5	44.6	4.0	---	88.7	92.7	137.3
San Miguel	---	8.3	122.8	12.0	143.1	6.5	5.0	403.0	414.5	557.6
Sedgwick	---	63.2	---	9.0	72.2	26.8	30.0	752.2	809.0	881.2
Summit	---	11.8	63.0	17.9	92.7	16.0	0.3	21.7	38.0	130.7
Teller	---	52.7	38.2	12.3	103.2	20.0	39.0	202.0	261.0	364.2
Washington	---	---	---	---	---	---	---	---	---	---
Washington	7.4	159.6	97.8	---	264.8	3.0	49.0	2,802.0	2,854.0	3,118.8
Weld	38.6	222.0	75.1	4.3	340.0	630.0	1,325.0	4,045.0	6,000.0	6,340.0
Yuma	---	241.5	6.0	---	247.5	13.2	99.7	1,482.1	1,595.0	1,842.5
State	352.6	3,839.5	4,735.0	275.5	9,202.6	2,959.2	4,568.8	52,237.1	*59,770.7	68,973.3

This table does not include city streets. *Total includes hard-surfaced county roads, omitted from table to save space, as follows: Arapahoe, 3.0 miles; Larimer, 1.2 miles; Prowers, 1.4 miles.

MOTOR VEHICLE LICENSES

The number of motor vehicles, including passenger cars, busses and trucks, for which licenses were issued in Colorado in 1929 was 303,490, of which 273,960 were for passenger cars, 1,029 for busses and 28,501 for trucks. The total for the year compares with 284,867 in 1928, 268,492 in 1927, and 253,213 in 1926. The registrations showed an increase of 18,623, or 6.5 per cent, over 1928, while 1928 showed an increase of 15,375, or 6.1 per cent over 1927, and 1927 showed an increase of 15,279, or 6.0 per cent over 1926. The number of licenses issued in 1913, the year in which the state assumed control of licensing, was 13,135. Between 1913 and 1929, inclusive, there was an increase of 290,355, or 2,210 per cent.

Each year since the beginning of 1913 has shown an increase over the preceding year in the number of licenses issued. In 1929 there were 23.1 motor vehicles in the state for each one in 1913. There was one motor vehicle for each 3.6 persons in Colorado in 1929, which compares with one motor vehicle for 4.9 persons in the

United States in 1928. In 1920 there were 7.8 persons per car in the state.

The only class of motor vehicles showing a decrease is motorcycles. The number licensed in 1916, when the peak was reached, was 4,731. Up to that year there had been a steady increase, but from 1916 on the number gradually decreased until there were only 1,142 licensed in 1929.

Registration fees have increased proportionately with the number of licenses issued. The total amount collected in 1929 was \$1,835,385, which compares with \$60,833 in 1913, the first year the present system was in effect. The aggregate receipts in fees from 1913 to 1929, inclusive, were \$14,481,900. Colorado ranked twenty-seventh among the states of the Union in 1928 in the number of vehicles registered and thirty-ninth in gross receipts from license fees. The average motor license per vehicle in Colorado in 1928 was \$6.28, which compares with an average for the United States of \$13.82.

A table published herewith shows motor vehicle registrations and fees collected by counties in 1929 and another table shows registrations and fees by years from 1913 to 1929, inclusive.

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	15,886	2,226	7,559	1,258,204.80
1925	221,513	18,584	1,862	7,776	1,430,299.47
1926	232,308	20,905	1,480	7,162	1,507,379.19
1927	245,107	23,385	1,362	7,664	1,600,221.73
1928	259,948	23,961	1,234	7,977	1,790,182.73
1929	273,960	28,501	1,142	7,916	1,835,385.53

Total\$14,881,700.00

*Trucks included with passenger cars for these years.

Note—Busses were included under passenger cars until 1928. There were 958 busses registered in 1928 and 1,029 in 1929.

MOTOR VEHICLE REGISTRATION AND FEES COLLECTED, BY COUNTIES, 1929

(From the Records of the Secretary of State.)

COUNTIES	Owners	Trucks and Trailers	Busses	Dealers	Motor-cycles	Permits, Re-issues and Misc.	Guest	Fees Collected
Adams-----	6,192	1,127	43	65	19	1,531	19	\$ 45,469.02
Alamosa-----	2,028	274	3	45	6	410	4	13,651.70
Arapahoe-----	6,828	573	17	93	42	1,680	61	42,206.07
Archuleta-----	481	58	0	2	2	134	5	2,941.35
Baca-----	2,447	512	0	12	6	662	1	17,449.93
Bent-----	2,152	196	1	22	1	515	5	13,546.56
Boulder-----	10,351	1,036	63	164	35	4,303	1,222	68,772.77
Chaffee-----	1,801	143	0	46	5	286	11	11,378.94
Cheyenne-----	906	132	11	17	2	151	1	6,174.17
Clear Creek-----	609	51	4	9	1	114	12	4,154.42
Conejos-----	1,488	216	0	14	1	145	0	9,509.13
Costilla-----	785	100	7	5	1	120	0	5,213.61
Crowley-----	1,624	181	0	21	7	553	1	10,233.72
Custer-----	568	112	0	--	0	119	1	4,180.91
Delta-----	3,726	585	3	97	13	865	107	24,848.26
Denver-----	78,774	4,979	326	858	445	33,603	3,634	532,676.16
Dolores-----	255	37	0	--	3	39	1	1,525.06
Douglas-----	1,170	119	3	6	1	211	8	7,538.80
Eagle-----	830	111	1	1	1	127	3	5,133.95
Elbert-----	1,847	189	5	31	2	335	2	12,016.41
El Paso-----	14,829	910	92	159	69	3,075	1,886	99,704.18
Fremont-----	5,076	519	18	92	8	947	31	33,513.97
Garfield-----	2,305	239	4	52	7	376	7	14,914.44
Gilpin-----	278	28	0	--	0	57	3	1,743.69
Grand-----	640	93	0	17	0	102	6	3,774.20
Gunnison-----	1,211	73	2	17	4	174	4	6,546.33
Hinsdale-----	74	16	0	2	0	15	2	557.03
Huerfano-----	3,542	215	1	50	6	516	11	21,170.69
Jackson-----	472	65	0	16	0	65	7	2,912.96
Jefferson-----	6,756	719	7	46	20	1,196	45	43,677.44
Kiowa-----	1,002	147	10	9	1	206	5	6,867.09
Kit Carson-----	2,667	468	0	38	11	503	2	19,005.50
Lake-----	983	20	5	26	5	116	8	5,485.06
La Plata-----	2,708	257	10	61	8	539	36	17,556.40
Larimer-----	10,492	1,211	80	157	50	4,085	165	70,978.05
Las Animas-----	7,006	672	29	114	34	1,623	25	46,260.59
Lincoln-----	2,187	371	0	33	1	567	0	15,220.06
Logan-----	5,760	951	3	66	10	1,578	46	40,554.31
Mesa-----	6,607	666	20	108	20	1,254	40	42,668.18
Mineral-----	163	19	0	--	0	16	0	991.86
Moffat-----	1,244	142	0	27	0	138	7	7,741.94
Montezuma-----	1,709	228	2	38	3	459	15	11,706.20
Montrose-----	2,741	322	2	44	4	434	18	17,219.40
Morgan-----	5,546	899	32	93	14	1,602	19	38,777.39
Otero-----	6,199	681	25	95	40	2,053	0	40,400.97
Ouray-----	407	45	2	3	0	49	0	2,521.16
Park-----	632	79	0	8	1	76	1	4,341.73
Phillips-----	2,007	420	3	29	4	468	0	15,017.65
Pitkin-----	315	15	1	1	0	39	1	1,713.30
Prowers-----	3,975	347	32	73	5	1,088	51	25,208.51
Pueblo-----	15,125	1,229	31	223	123	3,817	172	97,017.58
Rio Blanco-----	643	69	0	10	0	95	1	4,039.96
Rio Grande-----	2,541	521	0	50	7	423	0	19,305.52
Routt-----	2,165	192	1	48	6	315	9	11,580.69
Saguache-----	1,434	256	15	15	1	249	1	9,872.47
San Juan-----	271	12	2	6	0	49	0	1,610.77
San Miguel-----	538	44	2	7	3	70	0	3,275.37
Sedgwick-----	1,840	404	8	47	8	430	8	14,073.76
Summit-----	313	7	0	2	2	48	1	1,541.40
Teller-----	1,011	89	5	17	5	146	0	6,182.28
Washington-----	2,265	486	3	31	3	507	2	16,867.58
Weld-----	17,751	3,158	94	204	60	7,073	572	126,811.16
Yuma-----	3,668	625	0	42	6	841	4	25,835.81
Total-----	273,960	*28,660	1,028	†3,684	1,142	‡33,382	8,309	\$1,835,385.53

*Includes 159 trailer licenses. †Includes 73 truck dealers and 14 motorcycle dealers. ‡Includes 45,965 motor vehicle re-issues, 5,269 replacements, 30,051 special permits and 2,097 special engine numbers.

Taxable and Non-Taxable Property

THE value of all property in Colorado, taxable and non-taxable, as far as can be determined from all sources of available information, is approximately \$2,849,532,585. Of that amount, \$1,586,919,769 is the assessed value of property on the tax rolls of the state in 1929 as reported by the state tax commission, and \$1,262,612,816 represents the estimated value of property in the state which is not assessed for the payment of taxes. The taxable property comprises 55.7 per cent of the total, and the non-taxable property 44.3 per cent. The per capita value, based on the preliminary census figures for 1930, is \$2,753.05, of which \$1,533.19 per capita is for taxable property and \$1,219.86 for non-taxable property.

An estimate published in the 1929 edition of the Year Book gave the total value of non-taxable property at \$1,434,237,260, or \$171,624,444 larger than the total used above. The principal cause of this apparent decrease is a readjustment of the value of government coal land. The 1929 figure was based on 4,177,601 acres of withdrawn coal land and 3,145,867 acres of the public domain classified as coal land as reported by the general land office of the department of the interior. The interior department has since given a revised figure which places the withdrawn coal land at 2,142,200 acres, and the classified coal land at 3,092,300 acres and a revision in the valuation has been made according to the department's estimates. Other changes in the 1929 estimate are due principally to later figures becoming available. The value of private college and university property shows an increase, partly due to the inclusion of endowment funds. Municipal property also is revised upward to meet a changed condition.

The value of the figures lies principally in their indication of the relative position of taxable and non-taxable property and are not intended to establish the total wealth of the state. In order to arrive at the total wealth, adjustments would be necessary. Property on the tax rolls, for instance, while theoretically assessed at full value, would have to be revised upward to reflect the real value. Again, items in the non-taxable list reflect only the book value, such as sites for public buildings donated to

the government and carried at \$1, which would have to be revised. The department of commerce gave the total wealth of Colorado in 1922 at \$3,229,412,000, or a much larger sum than used in this chapter, but its figures include adjustments such as those just discussed. The department's figures are considered in more detail in the chapter on "Colorado's Total Wealth" in this volume.

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:

Colleges and universities (private)	\$ 10,152,840
Public schools (1928).....	58,043,117
Churches and rectories....	26,646,456
State property.....	230,076,103
National forests.....	70,000,000
Federal reclamation projects	11,000,000
Unappropriated government land	12,328,500
Federal coal lands.....	523,450,000
Federal shale land (classified and reserved).....	50,840,000
Federal oil reserves.....	2,189,000
Municipal property.....	80,000,000
County property.....	8,932,000
Federal government buildings	26,351,000
Hospitals	12,000,000
Cemeteries	2,000,000
Irrigation works.....	90,000,000
County fair associations...	1,000,000
Government land filed upon but not patented.....	3,103,800
Property fraternal organizations	10,000,000
Miscellaneous charity organizations	3,000,000
National parks and monuments	1,500,000
Federal power, water and reservoir reserves.....	25,000,000
Miscellaneous	5,000,000
Total.....	\$1,262,612,816

The value given to colleges and universities in the above table comprises only the privately controlled institutions reporting to the United States bureau of education in 1928, and is for land, buildings and equipment and endowment and investment funds. The

estimate on this item in the tabulation for 1928 was \$4,755,646. 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.

The national forests include 13,309,500 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 1928 being \$838,097. 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."

Unappropriated government land and land filed on but not yet patented are estimated at \$1.50 per acre. 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. Oil land reserves are estimated at \$10 per acre and shale land at \$50 per acre, including the withdrawn areas and 952,239 acres classified as shale land but not withdrawn. The government returns to the state 37½ per cent of revenue received in the form of bonuses and royalties from the leasing of these lands.

The estimate on municipal property is based on the census of 1913, plus 100 per cent for increase in value in 17 years. When it is recalled that Denver alone has added nearly one-half of the total increase through the purchase of its own water system, the estimate may be considered conservative.

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 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.

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.

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.

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 cap-

ital of the United States. A survey made by the immigration department in 1927 shows that there are 75 departmental, district and local agencies of the federal government in Colorado, counting all the postoffices in the state as a single unit, most of which have their headquarters in or adjacent to Denver.

There are under the jurisdiction of the Colorado agencies 7,418 salaried officials and employes, of which 6,922 are located within the state. These figures are exclusive of several departments, such as the secret service, which are forbidden by regulations to give out information of this nature, and of more than 1,000 seasonal employes. There is published in this volume a table giving the names of the various governmental agencies, location, headquarters and number of officials and employes.

The value of federal government property in Colorado is estimated at approximately \$725,762,300. Wherever possible, official figures were used in making this estimate and where such figures were not available the amount was computed on the basis of value of similar property for taxation purposes, or fixed by private ownership. These estimates are as follows:

National forests	\$ 70,000,000
Reclamation projects	11,000,000
Unappropriated land.....	12,328,500
Land filed upon but not patented	3,103,800
Coal land (reserved and classified)	523,450,000
Oil reserves	2,189,000
Oil shale land (reserves and classified)	50,840,000
Buildings	26,351,000
Parks and monuments.....	1,500,000
Power, water, reservoir, etc.	25,000,000
Total.....	\$725,762,300

The method of arriving at these estimates is given in detail in the chapter, "Taxable and Non-taxable Property," published elsewhere in this volume.

The area, location, and value of these various holdings are given in more detail in other chapters in this volume.

The total expenditures of the federal government in Colorado in the fiscal year ending June 30, 1926, the only year for which such a compilation has been made, aggregated \$21,545,903, and receipts from all sources, \$23,565,513. There is published in connection herewith a table giving these expenditures and receipts in detail. Buildings of the government in and adjacent to Denver, with their estimated value, are as follows:

Fitzsimons general hospital (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).....	*200,000
Army post (Fort Logan, 136 bldgs.)	1,300,000
	\$19,500,000

*Cost of site. Building under construction at contract price of \$747,900.

The above table does not include postoffice buildings and sites in various cities and towns of the state, which are included in a table published elsewhere covering operations of the postoffice department.

Information concerning federal operations in Colorado is given in more detail under sub-headings in this chapter.

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 June 30, 1929, the population consisted of 836, or less than one-half of one per cent of the Indian population of the United States. This was an increase of one, compared with the population on the same date in 1928, and 46, compared with the population on June 30, 1926. Of the total, 456 were males and 380 females. All were full-blooded Indians, there being none of mixed blood. 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 was \$155,091 and the tribal property included \$868,826 in the treasury.

DEPARTMENTAL, DISTRICT AND LOCAL AGENCIES OF U. S. GOVERNMENT IN
COLORADO, 1927

(Compiled from Official Data)

Agency	District	Head- quarters	No. Officials and Employees
DEPARTMENT OF AGRICULTURE			
Bureau of Agricultural Economics:			
Division of Crop and Livestock Estimates-----	Colorado-----	Denver-----	5
Regional Office-----	17 western states-----	Denver-----	2
Fruit and Vegetable Division-----	Colorado-----	Denver-----	(e) 10
Market News Service—Fruit and Vegetable Division-----	Colorado-----	Denver-----	5
Market News Service—Livestock Division-----	Colorado-----	Denver-----	5
Federal Grain Supervision-----	3 states-----	Denver-----	1
Bureau of Animal Industry:			
Field Inspection Division-----	Colorado-----	Denver-----	14
Meat Inspection Division-----	Denver-----	Denver-----	28
Pathological Division-----	Colorado-----	Denver-----	2
Plant Inspection Division-----	Colorado-----	Denver-----	2
Packers and Stockyards Administration-----	11 western states-----	Denver-----	6
Bureau of Chemistry:			
Food and Drug Inspection Station-----	6 states-----	Denver-----	8
Bureau of Public Roads:			
District Office-----	3 states-----	Denver-----	61
Division of Agricultural Engineering-----	Independent-----	Denver-----	1
Forest Service:			
Rocky Mountain District-----	6 states-----	Denver-----	321
Solicitor's Office-----	Independent-----	Denver-----	1
Bureau of Biological Survey:			
Operational Offices-----	Colorado-----	Denver-----	5
Eradication Methods Laboratory-----	Western states-----	Denver-----	6
Weather Bureau:			
District Office-----	Colorado-----	Denver-----	15
Bureau of Plant Industry:			
Dry Land Field Station-----	Local-----	Akron-----	2
DEPARTMENT OF COMMERCE			
Bureau of Mines:			
Mine Rescue and Safety Service-----	3 states-----	Denver-----	6
Mineral Resources and Statistics-----	5 states-----	Denver-----	3
Mining Research-----	3 states-----	Denver-----	6
Field Office and Laboratory-----	Colorado-----	Boulder-----	5
Associated Oil Chemist-----	Colorado-----	Boulder-----	2
Bureau of Standards-----	Colorado-----	Denver-----	2
DEPARTMENT OF THE INTERIOR			
Bureau of Reclamation-----	U. S.-----	Denver-----	(a) 300
District Land Offices:			
Denver District-----	Local-----	Denver-----	4
Pueblo District-----	Local-----	Pueblo-----	4
General Land Office:			
Supervisor of Surveys-----	U. S. and Alaska-----	Denver-----	(b) 196
Inspection Division-----	3 states-----	Denver-----	18
Cadastral Engineering Service-----	U. S. and Alaska-----	Denver-----	*
National Park Service:			
Rocky Mountain National Park-----	Local-----	Estes Park-----	(d) 12
Mesa Verde National Park-----	Local-----	Mancos-----	13
Bureau of Pensions-----	Colorado-----	Denver-----	2
Indian Agency-----	Local-----	Ignacio-----	--
Geological Survey:			
Mineral Classification Division-----	Rocky Mt. states-----	Denver-----	1
Oil and Gas Leasing Division-----	Colorado-----	Denver-----	2
Coal Leasing Division-----	3 states-----	Denver-----	4
Distribution Office-----	General-----	Denver-----	2
Water Research Branch-----	3 states-----	Denver-----	3

DEPARTMENTAL, DISTRICT AND LOCAL AGENCIES OF U. S. GOVERNMENT IN
COLORADO, 1927—Continued
(Compiled from Official Data)

Agency	District	Head- quarters	No. Officials and Employees
DEPARTMENT OF JUSTICE			
Circuit Court of Appeals			--
District Court	Colorado	Denver	8
District Attorney	Colorado	Denver	8
Marshal	Colorado	Denver	11
Referee in Bankruptcy	Local	Denver	(f)
Bureau of Investigation	Colorado and Part of Wyoming	Denver	(c)
Public Lands Division and Water Litigation	General	Denver	3
DEPARTMENT OF LABOR			
Bureau of Immigration	2 states plus	Denver	3
Bureau of Naturalization	4 states plus	Denver	4
Industrial Employment Survey	General	Denver	2
Farm Labor Placement	Colorado	Denver	2
Y. W. C. A. Employment Service	Denver	Denver	1
Farm Labor Division	General	Denver	1
NAVY DEPARTMENT			
Navy Recruiting Station	2 states plus	Denver	16
Marine Recruiting District	3 states	Denver	9
POSTOFFICE DEPARTMENT			
Denver Postoffice and District Departments	Local	Denver	684
Third Class Postoffices	Colorado		est.) 756
First and Second Class Postoffices (exclusive of Denver)	Colorado		762
Railway Mail Service	Colorado	Denver	175
Postoffice Inspectors	4 states	Denver	22
Air Mail Service	Colorado	Denver	--
TREASURY DEPARTMENT			
Customs Division	Colorado	Denver	7
Bureau of Internal Revenue:			
Collector	Colorado	Denver	55
Narcotic Division	3 states	Denver	13
Prohibition Division	3 states	Denver	51
Mint of Colorado	General	Denver	81
Secret Service	Colorado plus	Denver	(c)
Supervising Architect	12 states	Denver	1
Custodians of Buildings	Local	5 towns	12
War Finance Corporation:			
Agricultural Loan Agency	Colorado	Denver	3
National Bank Examiners	Colorado	Denver	2
WAR DEPARTMENT			
Division Headquarters	3 states	Denver	40
Army	General	Fort Logan	364
Army Recruiting Station	General	Fort Logan	10
Army Recruiting Station	General	Denver	10
Fitzsimons General Hospital	General	Aurora	1,011
National Guard	Colorado	Denver	1,765
Lowry Aviation Field	Colorado	Denver	26
INDEPENDENT ESTABLISHMENTS			
Civil Service Commission	4 states	Denver	4
Interstate Commerce Commission:			
Bureau of Locomotive Inspection	3 states	Denver	3
Veterans' Hospital	Local	Fort Lyons	318
Veterans' Bureau	Colorado		150
Total, Officials and Employees			7,478

(a) Includes only permanent employees. Ditch riders, mechanics, tradesmen and other seasonal employees are not included. (b) Does not include about 500 temporary employees engaged throughout the United States and Alaska during field season of six months each year. (*) Included under Supervisor of Surveys. (c) Regulations forbid disclosure of this information. (d) Does not include about 100 employed during the summer. (e) Number of seasonal employees varies, maximum, 70.

FEDERAL COURTS IN COLORADO

The state comprises a federal judicial district known as the District of Colorado. Headquarters are in the Post Office building, Denver. J. Foster Symes, of Denver, appointed in 1922, is district judge. His salary is \$10,000 per year. The clerk of the court is Charles W. Bishop. Ralph L. Carr is district attorney and Richard C. Callen is marshal.

The court has sittings in Denver, Pueblo, Montrose, Grand Junction, Durango and Sterling. Dates for the beginning of terms of the court are as follows:

Denver, first Tuesday in May and first Tuesday in November.

Pueblo, first Tuesday in April.

Montrose, third Tuesday in September.

Grand Junction, second Tuesday in September.

Durango, fourth Tuesday in September.

Sterling, second Monday in June.

Terms of court at Denver, Pueblo, and Montrose are fixed by statute. Sessions at Grand Junction, Durango, and Sterling are not necessary unless there is sufficient business upon the docket to justify them.

Denver is headquarters for the United States circuit court of appeals for the tenth circuit, which embraces Colorado, Wyoming, Kansas, Oklahoma, Utah and New Mexico. This circuit was created by congress in 1929 out of the eighth circuit, in which Colorado formerly was included. Four judges for the court are Robert E. Lewis, of Denver, presiding judge; Orie L. Phillips, of Albuquerque, N. M.; John H. Cotteral, Gutnrie, 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.

VETERANS HOSPITAL

The United States Veterans Hospital is located seven miles northeast of Las Animas, in Bent county, at Fort Lyon. The hospital formerly was

owned by the United States navy department and was operated as a naval hospital. After the ending of the World war, it was transferred to the War Veterans bureau and is operated as a hospital by that department under the jurisdiction of the Washington headquarters.

The site comprises a square mile of ground and the numerous buildings cover 60 acres. The grounds are very attractive, with paved streets and modern improvements. The entire plant represents an investment of approximately \$6,000,000. The hospital is manned by a force of 14 salaried officers and 304 employes, and has 500 beds for patients. The number of beds is to be increased by 138 out of funds appropriated by congress.

COLORADO NATIONAL GUARD

The maximum strength of the Colorado national guard is 1,927 men. The guard is composed of 156 officers, 1,770 enlisted men and one warrant officer. These belong to the 157th infantry regiment; the 1st Battalion, 168th field artillery; 1st squadron, 117th cavalry; the 45th division tank company; the 45th division aviation; the 45th division headquarters staff; and the 89th infantry brigade headquarters.

The guard is a part of the military arm of the federal government, which pays the expenses of equipment and caretakers and the maintenance and expenses of all summer camps. The cost to the federal government is approximately \$106,000 a year. The state's portion of the cost is provided by a mill levy of .07 of a mill, from which is derived approximately \$106,000 a year.

The property used for military purposes is appraised at \$3,160,000, of which \$1,860,000 is for the federal government's part and \$1,300,000 for that belonging to the state. Included in this property are 18 armories located at Greeley, Craig, Fruita, Delta, Montrose, Lamar, Boulder, Manzanola, Fort Collins, Brighton, Brush, Fort Morgan, Loveland, Burlington, Canon City, Monte Vista, Pueblo and Golden. The guard also has a military station in close proximity to Denver and on the Golden highway, known as the state Rifle range, where warehouses and shops are maintained and where a state encampment is held in June of each year.

The air service is located at the Lowry aviation field in Denver, where instructors from the United States

army are stationed. Lowry field has five planes in service.

Officers and enlisted men draw one day's pay each week in peace times as compensation for attending one drill each week.

FEDERAL LAND AND JOINT STOCK BANKS

Two agencies for making loans to farmers under the supervision of the federal farm loan board, a bureau of the United States treasury department, operate in Colorado. One of these is The Federal Land Bank of Wichita, Kansas, and the other is the Denver Joint Stock Land Bank, of Denver. District No. 9, served by the Federal Land Bank, includes the states of Colorado, Kansas, Oklahoma and New Mexico, and the Denver Joint Stock Land Bank's territory embraces Colorado and Wyoming. While under the supervision of a bureau of the treasury department, these banks do not make "government loans," but are financed independently by the sale of bonds secured by farm mortgages and approved by the farm loan board, and by sale of stock as hereinafter stated.

The Federal Land Bank operates in connection with National Farm Loan associations, organizations composed of borrowers, the loans to individual members of the associations being limited to a maximum of \$25,000 and borrowers must have aggregate loans of not less than \$20,000 to form an association. Each borrower must be the owner-operator of the farm offered as security and must subscribe for association stock to the amount of five per cent of his loan, which the association invests in stock of The Federal Land Bank. He shares proportionately in the profits of the association during the period of his loan, and upon the payment of his loan his stock is retired at its value, not to exceed par. All the mortgages and notes of members of an association must be indorsed by the association. Loans are made at rates not over one per cent higher than the interest rate on the last issue of bonds made by the bank prior to executing the loan. The bank sets aside 25 per cent of its profit each year for a reserve fund, and has been declaring four per cent dividends semi-annually.

While the capital stock of federal land banks is sold only to associations of borrowers, the joint stock land banks are financed much in the same way as any other bank or industrial corporation. The contact between the

farmer and the banks may be made either by applying to the nearest farm loan association, or direct to the joint stock bank for the district in which he resides.

There were in Colorado on March 31, 1930, a total of 117 national farm loan associations. From the beginning in April, 1917, to March 31, 1930, a total of 10,760 loans aggregating \$33,669,200 had been made by The Federal Land Bank in Colorado. Of these, 1,879, aggregating \$5,247,700, had been paid in full and cancelled, and 8,881 loans aggregating \$28,421,500 were in force on the date named.

The Federal Land Bank has disposed of 248 farms in Colorado, of which 99 were sold for a gain of \$40,959 and 147 were sold for a loss of \$135,968, and two were sold for investment, the net loss being \$95,008. It owns 42 judgments for \$174,761 and 110 farms valued at \$318,386.

Joint stock land bank loans in Colorado up to August 31, 1928, aggregated \$10,131,400.

FEDERAL PROHIBITION OPERATIONS IN COLORADO

The enforcement of federal prohibition laws in Colorado is under the direction of the prohibition administrator for the eighteenth district, comprising Colorado, Wyoming and New Mexico, with headquarters in Denver. J. F. Vivian is the administrator for the district. In the fiscal year ending June 30, 1929, there was seized and destroyed in Colorado 82,782 gallons of liquor, consisting of 5,351 gallons of spirits, 1,339 gallons of malt liquors, 2,381 gallons of wine and 73,711 gallons of mash. This compares with a total of 8,148 gallons in 1928 and 10,322 gallons in 1927. There were 72 automobiles valued at \$35,385 seized during the year. The total value of property seized and destroyed was \$1,976 and of that seized and not destroyed was \$35,603. Of the 2,063 distilleries and distilling apparatus seized, 90 were distilleries, three were stills, two were still worms and 1,968 were fermenters. Of the 863 persons arrested, 353 arrests were made by federal prohibition officers and 510 by state officers assisted by federal officers. Of 363 individuals prosecuted, there were 231 convictions, or 63.6 per cent of the total. Aggregate sentences of 84 years, eight months and 21 days were imposed and fines amounted to \$43,517. The average sentence was 132 days and average fine was \$188.38. The expense of the prohibition service dur-

ing the year for the district, including Colorado, Wyoming and New Mexico, was \$194,598.

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

During the year ending June 30, 1929, there were 3,473 gallons of domestic wine for sacramental purposes shipped into Colorado.

There were 1,540 permits in force in Colorado on June 30, 1929, of which 976 were permits to prescribe for physicians, to use intoxicating liquors for physicians, dentists, veterinarians, chiropractors, etc.; 466 permits to use intoxicating liquors in the manufacture of preparations unfit for beverage uses and for experimental purposes; 42 permits for hospitals; 36 permits to use and sell; seven permits to use in making vinegar; six permits to transfer; four to operate dealcoholizing plants; two to import and use; and one permit to a wholesale druggist.

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 narcotic division of the United States internal revenue bureau, which is in charge of the administration, 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:

Dealers:	1927	1928	1929
Wholesale	36	37	38
Retail	513	501	515
Class 4*	1,790	1,713	1,755
Class 5 (a)	1,860	1,344	2,249
Total	4,199	3,595	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

There were 43 convictions under the law in the state in the fiscal year ending June 30, 1929, and aggregate sentences imposed amounted to 53 years, 7 months and 15 days. There were no fines collected. Thirty-six cases were compromised and total amount of compromises accepted was \$1,126.

PENSIONS AND COMPENSATION PAYMENTS

There were 5,278 pensioners in Colorado receiving compensation from the federal government on June 30, 1929, a decrease during the fiscal year of 154. The aggregate annual payment was \$2,384,775, a decrease of \$21,555 as compared with the amount paid during the year ending June 30, 1928. The aggregate amount paid out in pensions in Colorado for the years 1918 to 1929, inclusive, was \$28,312,105. These include survivors or dependents of veterans of the civil war, the war with Spain, the war with Mexico, Indian wars, and the regular establishment, who receive pensions through the bureau of pensions of the United States department of the interior. There are no survivors of the war of 1812, though nine widows of soldiers of that war received pensions during 1929, none of whom resided in Colorado. The last survivor of the war with Mexico died at Paris, Mo., on June 15, 1919. Veterans of the world war and their widows receive compensation through the United States veterans bureau. Of the latter there were 877 cases in which death compensation was being paid in the state on June 30, 1929, on account of which approximately \$307,560 was disbursed during the year. This was an increase

of 36 in number and \$8,139 in amount. There were 5,319 veterans receiving disability compensation on June 30, 1929, and the disability compensation for the year amounted to \$4,072,096. In addition to the number receiving pensions and disability compensation there were 91 persons in the state who had retired from government service and were receiving annuities. Total disbursements to residents of Colorado through the veterans bureau for death compensations on account of the world war from 1919 to 1929, inclusive, was \$2,346,937 and for compensation payments for the same period was \$28,770,286, a grand total in pensions and compensation payments of \$59,429,328.

The following table shows the number of pensioners in Colorado on June 30 of the year given and the amounts paid through the bureau of pensions:

Year	Number	Amount
1918	6,369	\$1,769,946
1919	6,328	2,252,895
1920	6,002	2,160,440
1921	5,640	2,577,818
1922	5,296	2,460,019
1923	6,105	2,933,758
1924	5,837	2,356,452
1925	5,711	2,237,270
1926	5,590	2,352,265
1927	5,450	2,420,010
1928	5,432	2,406,457
1929	5,278	2,384,775

Total\$28,312,105

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

Total\$2,346,887

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

Total\$28,770,293

Recapitulation of amounts paid out as shown by the above tables is as follows:

Pensions	\$28,312,105
Death compensation.....	2,346,937
Disability compensation.....	28,770,286
Total	\$59,429,328

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.

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 31, 1929, aggregated 893,649,140 pieces, of a total value of \$447,734,455. Denominations, value and number of pieces manufactured during this period were as follows:

	Value	Pieces
Double eagles ...	\$260,030,000	13,001,500
Eagles	59,092,800	5,909,280
Half eagles.....	26,463,300	5,292,660
Quarter eagles..	1,393,700	557,480
Dollars	45,836,600	45,836,600
Half dollars.....	13,681,160	27,362,320
Quarter dollars..	15,816,300	63,265,200
Dimes	15,024,380	150,243,800
Nickels	5,718,015	114,360,300
Cents	4,678,200	467,820,000

Total\$447,734,455 893,649,140

The value and number of pieces manufactured vary from year to year in accordance with demand. In 1928, for instance, the number of pieces coined was 43,394,600, of a total value of \$1,456,500, compared with 40,137,300 pieces valued at \$6,152,400 in 1927. The reason for a greater number of coins of a much less value in 1928 than in 1927 is found in the fact that in 1928 no coin of higher value than quarter dollars was manufactured, while in 1927 there was a considerable output of double eagle (\$20 gold pieces) and silver dollars. Coinage

executed for the calendar years of 1927, 1928 and 1929 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
Total	\$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
Total	\$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
Total	\$2,179,300	19,936,200

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.

Internal revenue receipts in the Colorado district for the year ended June 30, 1929, amounted to \$11,539,234, compared with \$11,879,300 in 1928, a decrease of \$340,066, or three per cent. Of the \$11,539,234 collected in 1929 in the Colorado district, \$11,037,690 was from the income tax and \$501,544 from miscellaneous taxes. Colorado's per cent of the total was 0.39, and the per capita tax, based on the estimated population as of July 1, 1928, was \$10.59. Out of 51 states and territories, there were 28 in which the per capita tax was less than in Colorado and 22 in which it was greater.

Of the \$11,037,690 in income taxes collected in the Colorado district in 1929, \$6,831,459 was collected from corporations and \$4,206,231 from individu-

als. There were 4,990 special taxpayers, exclusive of income taxpayers, in the state in 1929, compared with 14,429 in 1925. The decrease was due largely to the repeal of laws imposing taxes on various classes of business. Two accompanying tables show tax collections in 1921, 1923, 1927, 1928 and 1929, and the number of each specific class of taxpayers. The decrease in total taxes from \$34,214,956 in 1921 to \$11,539,235 in 1929 reflects the effect of reductions made in rates, and repeals of specific taxes. The cost of collecting internal revenue taxes in the Colorado district is reflected in a statement of disbursements of the collector of internal revenue and by internal revenue agents for the fiscal year ended June 30, 1929. The aggregate disbursements by agents at the Denver office and by the collector for the district were \$304,504, of which \$267,317 was in salaries for collectors, deputies, clerks, etc.

FORT LOGAN MILITARY POST

The only army post in Colorado is Fort Logan, located near Denver. The post comprises a military reservation of 1,000 acres, upon which are 136 buildings, including officers' headquarters, barracks, and other structures. The total appraised value of the property is \$1,300,000. The Second Regiment of Engineers, totalling 540 men, and 75 men of auxiliary branches (Quartermaster, Medical, etc.) are at present stationed at the post.

The land upon which the fort is located was donated to the government by citizens of Denver. Major General Phil Sheridan selected the site and on February 28, 1887, congress authorized the secretary of war to establish the post and appropriated \$100,000 for construction work. Construction of permanent headquarters was started in November, 1887. The post was named Fort Sheridan in honor of the civil war veteran, but General Sheridan later changed it to Fort Logan, in honor of Major General John A. Logan.

The post has played an important part in the military life of Colorado. The Citizens' Military Training corps, the Reserve Officers Training corps, and other units like the Engineers and Chemical Warfare officers train at the fort each year, usually for 30 days in July. The headquarters of the 103rd Reserve division are located in Denver. This reserve includes 2,870 men, mostly officers, residing principally in Colorado, Arizona and New Mexico.

REPRESENTATIVES OF FOREIGN GOVERNMENTS

Belgium—Jean Mignolet, consul, 2549 Birch St., Denver.
 Bulgaria—See Greece.
 France — Jean Mignolet, consular agent, 2549 Birch St., Denver.
 Germany—William Godel, acting consul, American National bank, Denver.
 Great Britain—Harry Crebbin, vice consul, 904 Equitable Bldg., Denver.
 Greece—Nikias C. Calogeras, vice consul, 525 Foster 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, Barclay Block, 18th and Larimer Sts., Denver.
 Macedonia—See Greece.
 Mexico—L. Gutierrez Otero, consul, 402 Mercantile Bldg., Denver.
 Netherland—G. J. Rollandet, vice consul, 919 Security Bldg., Denver.
 Switzerland—Paul Weiss, consul, 307 American National Bank Bldg., Denver.

UNITED STATES INTERNAL REVENUE FROM COLORADO (For fiscal year ending June 30)

Sources	1921	1923	1927	1928	1929
Income, individuals, partnerships and corporations	\$25,085,242	\$10,920,851	\$12,656,645	\$11,452,570	\$11,037,690
Estates, transfers of, gifts	2,210,595	1,871,265	181,703	65,364	150,095
Distilled spirits and alcohol beverages	20,974	63,965	37,026	29,189	25,457
Tobacco and tobacco manufacturers	271,071	146,481	32,449	25,540	25,284
Oleomargarine and adulterated butter	26,091	10,861	21,301	24,519	24,449
Documentary Stamp taxes:					
Revenue stamps sold by postmasters	254,102	106,774	-----	-----	-----
Bonds, capital stock, conveyances, etc.	250,681	225,197	115,749	81,256	99,918
Capital stock transfers	35,611	14,763	8,725	9,515	15,126
Miscellaneous	15,075	5,995	1,278	1,091	1,040
Transportation	2,001,702	-----	-----	-----	-----
Telegraph and telephone	599,927	489,804	-----	-----	-----
Insurance	47,553	-----	-----	-----	-----
Manufacturers' excise tax:					
Autos, trucks, tires, accessories, etc.	184,198	227,621	77	94	-----
Candy	188,786	73,517	-----	-----	-----
Miscellaneous	30,309	209	1,236	2,098	-----
Consumers' and dealers' excise tax:					
Sculpture, paintings, etc.	5,197	2,357	-----	-----	-----
Carpets, trunks, wearing apparel, etc.	221,902	22	-----	-----	-----
Watches, clocks, jewelry, etc.	201,998	150,461	-----	-----	-----
Perfumes, cosmetics, medicinal, etc.	80,370	-----	-----	-----	-----
Non-alcoholic beverages	428,892	57,602	-----	-----	-----
Narcotics	15,267	10,511	8,474	14,281	5,578
Corporation capital stock tax	804,134	800,837	-----	-----	-----
Stock and produce brokers	19,554	13,939	-----	-----	-----
Theatres, museums, circuses, bowling alleys, etc.	90,619	63,050	90,566	65,747	-----
Admissions to theatres and club dues	1,106,057	724,672	64,628	70,421	80,627
Miscellaneous	19,049	7,924	253,369	37,615	73,972
Total, all sources	\$34,214,956	\$15,988,678	\$13,473,226	\$11,879,300	\$11,539,236

NOTE.—Internal revenue from Colorado in 1922 from all sources was \$19,956,650, of which \$14,545,633 was from income taxes; in 1924 the total was \$15,228,016, of which \$11,543,616 was from income taxes; in 1925 the total was \$14,215,162, of which \$11,740,667 was from income taxes; and in 1926 the total was \$14,830,350, of which \$11,975,702 was from income taxes.

**NUMBER OF EACH SPECIFIC CLASS OF INTERNAL REVENUE TAXPAYERS
IN THE DISTRICT OF COLORADO**
(Fiscal Years Ending June 30)

Class	1925	1926	1927	1928	1929
Distilled Spirits:					
Retail dealers.....	28	31	20	30	28
Wholesale dealers.....	10	5	2	4	4
Oleomargarine:					
Manufacturers	2	1	1	1	2
Wholesale dealers.....	23	23	21	23	25
Retail dealers.....	2,175	2,228	2,611	2,363	2,461
Mixed flour manufacturers.....	1	1	1	1	1
Tobacco manufacturers.....	64	69	..	..	..
Corporations paying capital stock tax....	6,465	3,721	..	..	..
Brokers	165	104	..	..	..
Proprietors billiard and pool tables and bowling alleys.....	840	875	..	..	..
Proprietors shooting galleries.....	3	6	..	..	..
Proprietors automobiles for hire.....	1,853	357	..	..	..
Opium, Cocoa, Etc.:					
Wholesale dealers.....	44	41	64	38	37
Retail dealers.....	590	521	905	510	525
Practitioners, hospitals, etc.....	2,086	1,748	3,146	1,706	1,811
Dealers in untaxed narcotics.....	80	91	150	105	96
Total	14,429	9,822	6,921	4,781	4,990

Federal Lands and Reserves

WHILE exact figures are impossible of compilation because of the numerous federal laws and the conflict of reserves, withdrawals and classifications, it is certain that the United States government is by far the largest landholder in Colorado. The government's ownership and control of surface titles alone aggregates approximately 37 per cent of the entire area of the state, and its control of sub-surface deposits covers a much larger area. A rounded estimate of the distribution of title in the surface areas of the state is approximately as follows:

	Acres	Per Cent of Total Area
Federal, including		
Indian	25,120,000	37.87
State lands	3,132,000	4.72
Privately owned (assessed)	37,000,000	55.77
Unaccounted for, survey errors, etc.	1,089,120	1.64
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 pos-

sible 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, 1929:

	Acres
Public domain, unappropriated and unreserved.....	8,219,000
Unperfected entries; public lands entered but not yet patented	2,069,200
National forests, excluding privately owned lands within their limits.....	13,309,500
Ute Indian lands; 39,461 privately owned and 356,682 tribal; not taxed.....	396,000
National parks and monuments, excluding those within national forests and included in forest areas above	307,000
Carey Act withdrawals, including 23,000 relinquished by Colorado but not restored to entry on federal records....	55,000
Power reserves of all classes.	475,400
Reservoir sites	1,700
Reclamation, including only public lands in reclamation projects	5,000
Public water reserves.....	7,500
Naval oil reserves.....	64,600
Stock driveways.....	210,200
Total.....	25,120,100

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 reports as of June 30, 1929, showed the following:

Withdrawn Lands	Acres
Coal	2,142,200
Oil	219,000
Administrative sites.....	320
In aid of legislation.....	16,500
For classification.....	573,200
For national monument.....	60
For proposed monument.....	320

	Acres
Pending re-survey.....	567,000
Public waters	7,500
Power sites	225,500
Miscellaneous power.....	56,000
Stock driveways.....	210,200
Reservoir sites.....	102,500
Carey act.....	55,000
Reclamation	5,000

Classifications

Coal	3,092,300
Oil shale.....	952,200
Naval oil shale.....	64,600
Power sites	194,000

LIMITATIONS UPON MINING

There are practically no limitations upon metal mining on the federal lands in Colorado, the outstanding exception being that no metal mining is permitted within the limits of the two national parks, aggregating 293,120 acres. The federal government exacts no royalties on the production of metal mines, and no prospecting permits are required. The mineral deposits under stock-grazing homesteads and inside the limits of withdrawn stock driveways and water reserves are open to search and development, and in the case of metallic deposits may be explored and developed without royalty or other limitation except the protection of surface property rights.

Deposits of coal, oil, gas, phosphate and other non-metallic minerals are subject to more rigid limitations and to royalty obligations to the federal government. Such deposits within the national parks and national forests are subject to the provisions of the general leasing acts of 1914 and 1920, as are lands within the limits 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, 1929, show the following totals:

COAL

There were outstanding June 30, 1929, 77 leases aggregating 12,300 acres, 36 permits aggregating 22,500 acres and five licenses covering 200 acres. Production, in tons, since passage of the coal leasing act, and royalties and bonuses accruing to the federal government were as follows:

Year	Production	Royalties
1912-1925	2,028,900	\$ 93,014
1926	353,400	60,430
1927	448,600	60,117
1928	439,700	51,076
1929	490,400	59,550
Totals.....	3,761,000	\$324,187

At the close of the fiscal year of 1929 there were 64 producing leases, of which 15 were classified as shipping and 49 as wagon mines.

OIL AND GAS

On June 30, 1929, there were 12 oil and gas leases in effect on public lands in Colorado, all being classed as producing, and 1,749 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
Totals.....	3,859,270	\$258,450

*Also 64,360 M cu. ft. of natural gas and 73,522 gallons of gasoline.

POTASH

On June 30, 1929, there was one potash prospecting permit outstanding, covering 2,600 acres, but no production was reported.

Summary:

ROYALTIES ACCRUING TO UNITED STATES

Year	Coal	Oil and Gas	Total
To 6-30-1925..\$	93,014	\$ 39,790	*\$216,864
1926..	60,430	64,300	124,730
1927..	60,117	55,460	115,577
1928..	51,076	51,600	102,676
1929..	59,550	47,300	106,850
Totals.....	\$324,187	\$258,450	\$666,697

*Includes \$84,060 in miscellaneous royalty receipts.

DISTRIBUTION OF PUBLIC LAND RECEIPTS

Under various public land laws the earnings from such lands within the state are distributed as follows:

From the sale of public lands and 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 estimated 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 \$521,800 was paid to

the state and \$10,094,000 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, 1929, were as follows:

Year	Receipts from Colorado	Payments to Colorado
To 6-30-1925.....	\$131,200	\$ 49,060
1926.....	94,420	31,530
1927.....	109,040	40,870
1928.....	96,840	34,920
1929.....	101,900	36,820
Totals..	\$533,400	\$193,200

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 revenues 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 of-

fices listed under a description of homestead land. Lands in the national forests are available for grazing and other purposes, and with the national parks, monuments and power sites, are described in more detail in articles elsewhere in this publication.

The homestead lands of the state, more fully discussed in the chapter under that title in this volume, are now administered through two local district offices, located at Denver and Pueblo, the number of local land districts having been reduced materially in recent years, owing to the fact that much of the most desirable land is now privately owned. Homestead lands are to be distinguished from state or school lands, which became the property of the state by virtue of federal grants in 1875 and are no longer included in the total of federal government holdings in Colorado. These lands are administered by the state for the benefit of the schools.

FEDERAL EXPENDITURES AND RECEIPTS IN COLORADO

The secretary of the interior, whose department is responsible for the administration of the public lands, compiled a statement showing the principal expenditures made by the federal government during the fiscal year ending June 30, 1926, in the 20 public land states. The statement also shows payments to the federal government from these states for services rendered.

The statement shows that the federal government spent \$509,209,985 in these 20 public land states during the year for direct services performed within the respective states, while \$197,734,690 was collected in the

states. The difference between expenditures and receipts was \$311,475,293, or a ratio of about one dollar contributed by the states for every \$2.50 expended therein by the federal government.

Expenditures in Colorado, as shown by this statement, amounted to \$21,545,903, and the receipts were \$8,523,523, the difference being \$13,022,379. Colorado ranked ninth among the 20 states both in expenditures and receipts. Such fiscal items as income-tax and customs receipts, which were collected for general governmental purposes, are excluded. Statistics of income-tax receipts, for example, the statement says, show collections according to the residence of taxpayers and not according to localities responsible for the income going to individuals who make the payments.

However, since income-tax receipts of foreign corporations and individuals paid in other states, but operating in Colorado, probably will offset the condition mentioned, these items are included in the following table for the purpose of bringing together as near as possible all expenditures and receipts of the federal government in the state:

Receipts	\$ 8,523,523.67
Internal revenue.....	14,830,350.29
Customs receipts.....	211,639.57
Total receipts.....	\$23,565,513.53
Expenditures	21,545,903.31
Excess receipts over expenditures	\$ 2,019,610.22

A table showing the expenditures and receipts for Colorado, by departments, compiled from the secretary of the interior's statement, has appeared in previous volumes of this work.

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.

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

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

Edward T. Taylor (D).....	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
Charles B. Timberlake (R).....	1915—
William N. Vaile (R).....	*1919-1927
Guy U. Hardy (R).....	1919—
William R. Eaton (R).....	1928—
S. Harrison White (D).....	1927-1928

United States Senators

Henry M. Teller (R).....	1876-1882
Jerome B. Chaffee (R).....	1876-1879
Nathaniel P. Hill (R).....	1879-1885
George M. Chilcote (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).....	1919-1930
S. D. Nicholson (R).....	1921-1923
Alva B. Adams (D).....	1923-1925
Rice W. Means (R).....	1925-1927
Charles W. Waterman (R)....	1927—

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—
Haslett P. Burke.....	1919—
Greeley W. Whitford.....	1921—
John Campbell.....	1895-1913, 1923
John T. Adams.....	1925—
Charles C. Butler.....	1927—
Wilbur M. Alter.....	1928—
Julian H. Moore.....	1929—

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

*Died in office.

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.....	1909-1911
John F. Shafroth.....	1911-1913
Elias M. Ammons.....	1913-1915
George A. Carlson.....	1915-1917
Julius C. Gunter.....	1917-1919
Oliver H. Shoup.....	1919-1921
Oliver H. Shoup.....	1921-1923
William E. Sweet.....	1923-1925
Clarence J. Morley.....	1925-1927
William H. Adams.....	1927-1929
William H. Adams.....	1929—

Lieutenant Governor

Lafayette Head.....	1877-1879
Horace A. W. Tabor.....	1879-1881
Horace A. W. Tabor.....	1881-1883
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.....	1895-1897
Jared L. Brush.....	1897-1899
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.....	1909-1911
Stephen R. Fitzgarrald.....	1911-1913
Stephen R. Fitzgarrald.....	1913-1915
Moses E. Lewis.....	1915-1917
James E. Pulliam.....	1917-1919
George Stephan.....	1919-1921
Earl Cooley.....	1921-1923

Robert F. Rockwell.....	1923-1925
Sterling B. Lacy.....	1925-1927
George M. Corlett.....	1927-1929
George M. Corlett.....	1929—

Secretary of State

William M. Clark.....	1877-1879
Norman H. Meldrum.....	1879-1881
Norman H. Meldrum.....	1881-1883
Melvin Edwards.....	1883-1885
Melvin Edwards.....	1885-1887
James Rice.....	1887-1889
James Rice.....	1889-1891
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.....	1903-1905
James Cowie.....	1905-1907
Timothy O'Connor.....	1907-1909
James B. Pearce.....	1909-1911
James B. Pearce.....	1911-1913
James B. Pearce.....	1913-1915
John E. Ramer.....	1915-1917
James R. Noland.....	1917-1919
James R. Noland.....	1919-1921
Carl S. Milliken.....	1921-1923
Carl S. Milliken.....	1923-1925
Carl S. Milliken.....	1925-1927
Charles M. Armstrong.....	1927-1929
Charles M. Armstrong.....	1929—

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—

*Died November 5, 1927.

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—

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.....	1895-1897
Byron L. Carr.....	1897-1899
David M. Campbell.....	1899-1901
Charles C. Post.....	1901-1903
Nathan C. Miller.....	1903-1905
Nathan C. Miller.....	1905-1907
William H. Dickson.....	1907-1909
John T. Barnett.....	1909-1911
Benjamin J. Griffith.....	1911-1913
Fred Farrar.....	1913-1915
Fred Farrar.....	1915-1917
Leslie E. Hubbard.....	1917-1919
Victor E. Keyes.....	1919-1921
Victor E. Keyes.....	1921-1923
Russell W. Fleming.....	1923—*
Wayne C. Williams.....	1924-1925
William L. Boatright.....	1925-1927
William L. Boatright.....	1927-1929
Robert E. Winbourn.....	1929—

*Died December 25, 1923.

Superintendent of Public Instruction

Joseph C. Shattuck.....	1877-1879
Joseph C. Shattuck.....	1879-1881
Leonidas S. Cornell.....	1881-1883
Joseph C. Shattuck.....	1883-1885
Leonidas S. Cornell.....	1885-1887
Leonidas S. Cornell.....	1887-1889
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.....	1899-1901
Helen L. Grenfell.....	1901-1903
Helen L. Grenfell.....	1903-1905
Katherine L. Craig.....	1905-1907
Katherine L. Craig.....	1907-1909
Katherine M. Cook.....	1909-1911
Helen M. Wixon.....	1911-1913
Mary C. C. Bradford.....	1913-1915
Mary C. C. Bradford.....	1915-1917
Mary C. C. Bradford.....	1917-1919
Mary C. C. Bradford.....	1919-1921
Katherine L. Craig.....	1921-1923
Mary C. C. Bradford.....	1923-1925
Mary C. C. Bradford.....	1925-1927
Katherine L. Craig.....	1927-1929
Katherine L. Craig.....	1929—

DISTRICT JUDGES AND DISTRICT ATTORNEYS

Note—Terms of District Judges expire January, 1931; of District Attorneys, January, 1933.

District	Judge	District Attorney
First—Gilpin, Clear Creek, Arapahoe, Jefferson, Adams.....	Johnson, Samuel W.	Stone, Joel E.
Second—Denver	Bray, Henry W. McDonough, Frank, Sr. Calvert, H. A. Dunklee, George F. Holland, E. V. Sackmann, Charles C. Starkweather, James C.	Wettengel, Earl
Third—Baca, Bent, Huerfano, Las Animas, Prowers.....	Hollenbeck, A. F. McChesney, A. C.	Erickson, Malcolm
Fourth—Cheyenne, Douglas, Elbert, El Paso, Kit Carson, Lincoln, Teller...	Starrett, Clyde L. Cornforth, Arthur	Young, John C.
Fifth—Eagle, Lake, Summit.....	Bouck, Francis F.	Luby, William H.
Sixth—Archuleta, Dolores, La Plata, Montezuma, San Juan.....	Searcy, W. N.	Jacobson, W. Bruce
Seventh—Delta, Gunnison, Hinsdale, Mesa, Montrose, Ouray, San Miguel.	Bruce, George W. Logan, Straud M.	Blaine, Charles E.
Eighth—Boulder, Jackson, Larimer, Weld	Coffin, Claude C. Smith, Robert G.	Romans, A. H.
Ninth—Pitkin, Garfield, Rio Blanco.....	Shumate, John T.	Delaney, Frank
Tenth—Crowley, Kiowa, Otero, Pueblo..	Park, James A. Trimble, Samuel D.	Phelps, J. Arthur
Eleventh—Chaffee, Custer, Fremont, Park	Cooper, James L.	Locke, James T.
Twelfth—Alamosa, Conejos, Costilla, Mineral, Rio Grande, Saguache.....	Wiley, Jesse C.	Woodward, C. H.
Thirteenth—Logan, Morgan, Phillips, Sedgwick, Washington, Yuma.....	Munson, H. E. Stephenson, Louis C.	Johnson, Roy T.
Fourteenth—Grand, Moffat, Routt.....	Herrick, Chas. E.	Carpenter, F. R.

Although official returns from the November, 1930, election will not be available until January, 1931, changes in this list of district judges indicated by unofficial counts are as follows, effective January, 1931: Second district—Robert W. Steele (D) will succeed Henry W. Bray (R); Fourth district—John C. Young (D) will succeed Clyde L. Starrett (D), appointed to fill the vacancy caused by the death of Ralph L. Finnicum; Eighth district—Neil F. Graham (D) will succeed Robert G. Smith (R); Tenth district—John H. Voorhees (D) will succeed James C. Lang (D), elected to fill vacancy; Twelfth district—John I. Palmer (R) was elected to fill the vacancy caused by the death of Jesse C. Wiley and to serve for a full term; Thirteenth district—R. L. Sauter (R), elected to fill the vacancy caused by the death of Louis C. Stephenson, will be succeeded by Arlington Taylor (R), elected to the full term.

COLORADO STATE OFFICIALS FOR 1929-1932*

United States Senators

Charles W. Waterman.....Rep.....Denver...Term: March 4, 1927-March 4, 1933
Lawrence C. Phipps.....Rep.....Denver...Term: March 4, 1925-March 4, 1931

The salary of a United States senator is \$10,000 per annum.

Congressmen

William R. Eaton.....Rep.....First District.....Denver
Charles B. Timberlake.....Rep.....Second District.....Sterling
Guy U. Hardy.....Rep.....Third District.....Canon City
Edward T. Taylor.....Dem.....Fourth District...Glenwood Springs

Terms of all congressmen expire March 4, 1931. The salary of a congressman is \$10,000 per annum.

Executive State Officers

GovernorWilliam H. Adams.....Dem.....Alamosa
Lieutenant Governor.....George M. Corlett.....Rep.....Monte Vista
Secretary of State.....Charles M. Armstrong.....Rep.....Denver
TreasurerW. D. MacGinnis.....Rep.....Wray
Auditor of State.....John M. Jackson.....Rep.....Pueblo
Attorney General.....John S. Underwood.....Dem.....Lamar
Supt. Public Instruction...Katherine L. Craig.....Rep.....Denver

Terms of state executive officials expire January 13, 1931. Salaries, per annum, are as follows: Governor, \$5,000; lieutenant governor, \$1,000; treasurer, \$6,000; secretary of state, \$4,000; auditor, \$4,000; attorney general, \$5,000; superintendent of public instruction, \$3,000.

Justices of the Supreme Court

Greeley W. Whitford, Chief Justice, Denver

John T. Adams, Alamosa	Charles C. Butler, Denver
John Campbell, Colorado Springs	Haslett P. Burke, Sterling
Julian H. Moore, Denver	Wilbur M. Alter, Colorado Springs

The justices of the supreme court receive salaries of \$5,000 per annum. All members of the court are Republican in politics.

*The list shown above does not include changes indicated by the unofficial returns of the election of November 4, 1930. Official figures are not available until January, 1931, but on the basis of unofficial counts the following changes will occur. On March 4, 1931, Edward P. Costigan (D) will succeed Lawrence C. Phipps (R) as United States senator; on January 13, 1931, Edwin C. Johnson (D) will succeed George M. Corlett (R) as lieutenant-governor; W. D. MacGinnis, present state treasurer, will become state auditor; John M. Jackson, present state auditor, will become state treasurer; Clarence L. Ireland (R) will succeed John S. Underwood (D), who was appointed attorney general on the death of Robert E. Winbourn; Inez Johnson Lewis (D) will succeed Katherine L. Craig (R) as superintendent of public instruction, and Benjamin C. Hilliard (D) will succeed Greeley W. Whitford (R) as justice of the supreme court. All incumbent officials not noted here will hold over or were re-elected.

STATE CONSTITUTIONAL CONVENTION

The enabling act, an act of congress authorizing the inhabitants of the territory of Colorado to form for themselves out of the territory a state government which should be admitted to the Union on an equal footing with the original thirteen states, became a law on March 3, 1875. The constitutional convention elected by the people under the provisions of that act, composed of 38 members, held its first

meeting in Denver on December 20, 1875. J. C. Wilson was elected president of the convention, and W. W. Coulson, secretary. The constitution was approved and signed by the convention on Tuesday, March 14, 1876, and ratified by the voters on July 1, 1876. The proclamation admitting Colorado into the Union was signed by President U. S. Grant on August 1, 1876.

STATE SENATORS
(28th General Assembly)

Key: R. Republican; D. Democrat; H-O. Holdover; E. Elected in 1930; term, November, 1930-November, 1934. The term of Holdover Senators expires November, 1932.

Dist.	Name	Party	Address	Counties in District
1st	Ammons, Teller	D.E.	2062 Eudora St., Denver	Denver
	Fairfield, Golding	R.H-O.	2244 So. Milwaukee, Denver	Denver
	Kettering, Chas. E.	D.E.	1361 Bellaire St., Denver	Denver
	Manley, George C.	R.E.	755 Lafayette St., Denver	Denver
	Quiat, Ira L.	D.E.	2388 Ash St., Denver	Denver
	Simonson, A. J.	R.H-O.	2660 E. 14th Ave., Denver	Denver
	Wheatley, Edw. L.	R.H-O.	2130 Tremont Pl., Denver	Denver
2nd	Horn, Charles F.	D.E.	111 W. 12th St., Pueblo	Pueblo
	Talbot, Ray H.	D.H-O.	Pueblo	Pueblo
3rd	Brady, Emory J.	R.E.	Colorado Springs	El Paso
	Davis, Roy A.	R.H-O.	Colorado Springs	El Paso
4th	Martinez, J. E.	D.H-O.	Trinidad	Las Animas
5th	Lashley, Theo. G.	R.H-O.	Boulder	Boulder
6th	Ehrhart, Thos. J.	D.E.	Centerville	Chaffee, Lake
7th	Graves, C. R.	R.H-O.	New Raymer	Weld
8th	Murchison, F. C.	R.H-O.	Arvada	Jefferson
9th	Evans, Richard	R.H-O.	Coal Creek	Fremont
10th	Warren, Nate C.	R.E.	Fort Collins	Larimer
11th	Hillman, John E.	R.H-O.	Delta	Gunnison, Delta
12th	King, John H.	D.E.	Sterling	Logan, Sedgwick, Phillips, Washington, Yuma
13th	Hansen, Harry W.	R.H-O.	Craig	Jackson, Routt, Rio Blanco, Moffat
14th	Unfug, Adolph	R.E.	Walsenburg	Costilla, Huerfano, Custer
15th	Headlee, A. Elmer	D.E.	Monte Vista	Rio Grande, Saguache, Mineral
16th	Bannister, Ollie E.	D.E.	Grand Junction	Mesa
17th	Knous, Lee	D.E.	Montrose	Dolores, Montrose, San Miguel
18th	Rumbaugh, Chas. F.	D.E.	Pagosa Springs	Hinsdale, Ouray, San Juan, Archuleta
19th	Pingrey, Rowe N.	R.H-O.	Durango	La Plata, Montezuma
20th	Peiffer, Vernon	D.	Cripple Creek	Teller, Park
21st	Rees, Claude H.	R.H-O.	Rifle	Eagle, Garfield, Pitkin
22nd	Lininger, Alfred M.	R.H-O.	Englewood	Adams, Arapahoe, Morgan
23rd	Ryan, James B.	R.H-O.	Rocky Ford	Crowley, Otero
24th	Shawcroft, John W.	R.H-O.	La Jara	Conejos, Alamosa
25th	Tempel, Fred A.	R.E.	Wiley	Baca, Bent, Kiowa, Prowers
26th	Flebbe, Fred W.	R.H-O.	Kremmling	Clear Creek, Gilpin, Grand, Summit
27th	Nelson, Henry C.	R.E.	Cheyenne Wells	Kit Carson, Cheyenne, Douglas, Elbert, Lincoln

STATE REPRESENTATIVES

(28th General Assembly)

Note.—Terms of Representatives expire November, 1932.

District	Name	Party	Address
Adams	Minshall, Charles D.	D	Brighton
Alamosa	Smith, O. O.	D	Mosca
Arapahoe-Elbert	Anderson, Hugh	R	Deertrail
Boulder	Graham, James W., Jr.	D	Lafayette
Boulder	Johnson, Rudolph	R	Boulder
Chaffee	Burnett, J. A.	D	Poncha Springs
Clear Creek	Barrick, Wm. H.	D	Dumont
Conejos	Meyers, Dr. H. C.	D	Antonito
Crowley-Otero	Hunter, D. E.	D	Manzanola
Crowley-Otero	Steen, Robert A.	D	La Junta
Delta	Hotchkiss, E. Clair	D	Hotchkiss
Denver	Albright, E. S.	D	2249 Ivy St., Denver
Denver	Anderson, Joseph A.	R	3052 Wyandot St., Denver
Denver	Burchfield, William E.	R	304 Clarkson St., Denver
Denver	Collier, Malcolm Edward	R	200 So. Washington St., Denver
Denver	Henry, S. Arthur	R	1070 Humboldt St., Denver
Denver	Holland, Josiah G.	R	1368 Williams St., Denver
Denver	Kavanagh, Wm. P.	R	7335 E. 17th Ave., Denver
Denver	Morris, David	D	1425 E. 13th Ave., Denver
Denver	Phelps, Horace F.	R	191 Race St., Denver
Denver	Spangler, William E.	R	515 So. Washington St., Denver
Denver	Stafford, Clarence M.	R	419 Franklin St., Denver
Denver	Tarbell, Winfield S.	R	1748 High St., Denver
Douglas	Seidensticker, Edward G.	R	Castle Rock
Eagle	Johns, Harry C.	D	Gypsum
El Paso	Burge, D. T.	R	Colorado Springs
El Paso	Jackson, J. P.	R	Colorado Springs
El Paso	Porth, Wallace S.	R	Colorado Springs
Fremont	Kelso, Clarence A.	R	Howard
Garfield-Rio Blanco	Oldland, Reuben	D	Meeker
Gilpin	Parfet, Wilbur S.	R	Central City
Gunnison	Curtis, Wilbur L.	R	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	Las Animas
Lake	Hoefnagels, Edward J.	D	Leadville
La Plata	Waters, John W.	D	Durango
Larimer	Maxfield, R. A.	R	Laporte
Las Animas	Brighton, Kitty	D	Trinidad
Las Animas	Lucero, Andres	D	Trinidad
Lincoln-Cheyenne-Kit Carson	Beeler, Charles H.	R	Hugo
Logan-Sedgwick	McKinstry, Vance	R	Sedgwick
Mesa	Aspinall, Wayne N.	D	Palisade
Montezuma-Dolores	Hallar, Fred C.	D	Mancos
Montrose	Coffman, H. B.	R	Olathe
Morgan-Washington	Plummer, Joe	D	Akron
Ouray	Mowatt, Thomas	D	Ouray
Phillips-Yuma	Colver, Harry L.	R	Holyoke
Pitkin	Twining, W. H.	D	Aspen
Pueblo	Dameron, Thomas H.	D	Pueblo
Pueblo	England, W. J.	D	Pueblo
Pueblo	Grenard, G. W.	D	Pueblo
Pueblo	Leach, Albert E.	R	Pueblo
Prowers-Baca	Harris, Fred L.	R	Two Buttes
Rio Grande	Fassett, W. H.	D	Monte Vista
Routt-Moffat	Poppen, A. H.	D	Steamboat Springs
Saguache-Custer	Sutley, M. M.	D	Center
San Juan	Holman, Edwin J.	R	Silverton
San Miguel	Nelson, W. H.	R	Norwood
Summit-Grand-Jackson	Murphy, Charles P.	R	Spicer
Teller-Park	Carruthers, J. P.	R	Garo
Teller-Park	Edwards, Matt.	R	Victor
Weld	LaFollette, Albert A.	D	Greeley
Weld	Smith, Moses E.	D	Ault

**REPRESENTATION OF COUNTIES IN THE STATE SENATE BY AREA, POPULATION
AND ASSESSED VALUATION**

(Based on United States Census for 1930 and State Tax Commission Reports for 1929.)

District	No. of Senators	Counties	Area in Sq. Miles	Total Population	Total Assessed Valuation
First -----	7	Denver -----	58	287,644	\$453,835,330
Second -----	2	Pueblo -----	2,433	66,032	81,257,860
Third -----	2	El Paso -----	2,121	49,536	75,393,330
Fourth -----	1	Las Animas -----	4,809	36,316	41,622,162
Fifth -----	1	Boulder -----	764	32,429	46,872,840
Sixth -----	1	Chaffee and Lake -----	1,454	13,003	17,221,405
Seventh -----	1	Weld -----	4,022	65,075	105,179,350
Eighth -----	1	Jefferson -----	808	21,666	27,775,520
Ninth -----	1	Fremont -----	1,557	18,893	23,383,340
Tenth -----	1	Larimer -----	2,629	32,832	53,346,290
Eleventh -----	1	Gunnison and Delta -----	4,380	19,738	31,035,310
Twelfth -----	1	Logan, Phillips, Sedgwick, Washington and Yuma -----	7,929	54,440	107,929,498
Thirteenth -----	1	Jackson, Moffat, Rio Blanco and Routt -----	11,822	18,555	33,212,815
Fourteenth -----	1	Costilla, Custer and Huerfano -----	3,432	24,960	24,974,242
Fifteenth -----	1	Mineral, Rio Grande and Saguache -----	4,897	16,802	23,932,999
Sixteenth -----	1	Mesa -----	3,163	25,897	30,225,510
Seventeenth -----	1	Dolores, Montrose and San Miguel -----	4,595	15,284	19,476,717
Eighteenth -----	1	Archuleta, Hinsdale, Ouray and San Juan -----	3,163	7,355	13,172,702
Nineteenth -----	1	La Plata and Montezuma -----	3,902	20,838	22,084,766
Twentieth -----	1	Teller and Park -----	2,789	6,177	14,569,765
Twenty-first -----	1	Eagle, Garfield and Pitkin -----	5,746	15,589	29,127,930
Twenty-second -----	1	Adams, Arapahoe and Morgan -----	3,390	61,401	84,263,710
Twenty-third -----	1	Crowley and Otero -----	2,067	30,177	42,198,590
Twenty-fourth -----	1	Conejos and Alamosa -----	1,979	18,429	19,288,612
Twenty-fifth -----	1	Baca, Bent, Kiowa and Prowers -----	7,504	38,273	62,150,315
Twenty-sixth -----	1	Clear Creek, Gilpin, Grand and Summit -----	3,037	6,413	18,719,350
Twenty-seventh -----	1	Cheyenne, Douglas, Elbert, Kit Carson and Lincoln -----	9,208	31,289	84,669,511

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 1929)

District	Representation	For Each Senator			For Each Representative		
		Sq. Mi.	Pop.	Valuation	Sq. Mi.	Pop.	Valuation
Denver -----	7 Sen. 12 Rep.	8.3	41,092	\$64,833,619	4.8	23,970	\$37,819,611
Pueblo -----	2 Sen. 4 Rep.	1,216	33,016	40,628,530	608	16,508	20,314,466
El Paso -----	2 Sen. 3 Rep.	1,060	24,768	37,696,665	707	16,512	25,131,110
Boulder -----	2 Rep.				232	16,215	23,436,420
Las Animas -----	2 Rep.				2,405	18,158	20,811,081
Crowley and Otero ..	2 Rep.				1,034	15,089	21,099,295
Weld -----	2 Rep.				2,011	32,538	52,589,675
Teller and Park ----	2 Rep.				1,394	3,089	7,284,883

REPRESENTATION IN THE STATE HOUSE OF REPRESENTATIVES

(Based on United States Census for 1930 and State Tax Commission Reports for 1929)

Counties in Representative District	No. of Representatives	Area in Sq. Miles	Total Population	Total Assessed Valuation
Denver -----	12	58	287,644	\$453,835,330
Pueblo -----	4	2,433	66,032	81,257,860
El Paso -----	3	2,121	49,536	75,393,330
Weld -----	2	4,022	65,075	105,179,350
Larimer -----	1	2,629	32,832	53,346,290
Boulder -----	2	764	32,429	46,872,840
Mesa -----	1	3,163	25,897	30,225,510
Las Animas -----	2	4,809	36,316	41,622,162
Teller and Park	2	2,789	6,177	14,569,765
Fremont -----	1	1,557	18,593	23,383,340
Crowley and Otero	2	2,067	30,177	42,198,590
Jefferson -----	1	803	21,666	27,775,520
Arapahoe and Elbert	1	2,699	29,195	40,860,317
Garfield and Rio Blanco	1	5,330	12,907	24,110,520
Delta -----	1	1,201	14,214	15,079,260
Montrose -----	1	2,264	11,693	12,204,332
Conejos -----	1	1,252	9,794	9,291,400
Alamosa -----	1	727	8,635	9,997,212
Adams -----	1	1,262	20,212	32,229,890
Pitkin -----	1	1,019	1,770	3,915,120
La Plata -----	1	1,851	12,865	15,520,611
Lake -----	1	371	4,892	7,610,450
Rio Grande -----	1	898	9,948	10,931,025
Chaffee -----	1	1,083	8,111	9,610,955
Morgan and Washington	1	3,807	28,166	46,126,128
Clear Creek -----	1	390	2,152	5,411,690
Gilpin -----	1	132	1,208	2,377,759
Ouray -----	1	519	1,778	4,084,281
San Juan -----	1	453	1,930	3,440,058
Logan and Sedgwick	1	2,353	25,439	50,190,505
Phillips and Yuma	1	3,055	19,410	40,494,685
Gunnison -----	1	3,179	5,524	15,956,050
Saguache and Custer	1	3,880	8,337	14,491,479
Douglas -----	1	845	3,491	11,474,840
Lincoln, Kit Carson and Cheyenne	1	6,506	21,217	55,486,354
Kiowa and Bent	1	3,322	12,944	26,928,885
Prowers and Baca	1	4,182	25,329	35,221,430
San Miguel -----	1	1,288	2,178	5,447,270
Archuleta, Hinsdale and Mineral	1	3,057	4,287	7,214,503
Moffat and Routt	1	6,967	14,190	23,282,810
Grand, Jackson and Summit	1	4,147	4,439	14,285,581
Eagle -----	1	1,620	3,891	7,176,615
Costilla and Huerfano	1	2,685	22,837	21,918,597
Dolores and Montezuma	1	3,094	9,386	8,389,270

ELECTED COUNTY OFFICIALS, 1930
(Not including changes from election of November, 1930)

COUNTY	SHERIFF	TREASURER	CLERK	SURVEYOR
Adams-----	Lee Templeton-----	Ben Shearston-----	Fred O. Pearce-----	Peter O'Brian, Sr.-----
Alamosa-----	Tom W. Taylor-----	Alfred C. Kline-----	E. B. Carnell-----	W. U. Watrous-----
Arapahoe-----	J. M. Haynes-----	C. Cartwright-----	E. E. Anderson-----	A. F. Goddard-----
Archuleta-----	Frank Matthews-----	L. L. Marsh-----	Philip R. Johnson-----	Robert A. Howe-----
Baca-----	Wm. E. Dunivan-----	Jesse L. Homer-----	Walter P. Powell-----	George H. Russell-----
Bent-----	Dan Gates-----	William B. Nichols-----	Della C. MacGillivray-----	-----
Boulder-----	Robert V. Blum-----	Francis Beckwith-----	Fred W. Burger-----	George E. Wilson-----
Chaffee-----	Lewis Hollenbeck-----	Elizabeth Burke-----	Arthur W. Samson-----	Howard Sneddon-----
Cheyenne-----	W. D. Coe-----	Jennie E. Ross-----	E. H. Akerly-----	D. H. Zuck-----
Clear Creek-----	Wm. J. Harvey-----	W. E. Walthers-----	C. S. Work-----	Chas. L. Harrington-----
Conejos-----	Lafayette Cantu-----	Ella J. Menke-----	J. G. Lopez-----	J. F. Thomas-----
Costilla-----	Timothy Martinez-----	Fred Trujillo-----	Franquolino Manchego-----	A. H. Martin-----
Crowley-----	Gomer R. Curtis-----	Paul M. Williams-----	R. R. Franklin-----	Logan Tucker-----
Custer-----	Mel H. Manning-----	L. H. Schoolfield-----	Willard A. Walker-----	August Koppe-----
Delta-----	C. E. Vanaken-----	Clement A. Bowle-----	Paul K. Osborne-----	Homer D. Graham-----
Dolores-----	Emil F. Baer-----	Herbert F. Bishop-----	Mrs. Florence A. Hargrove-----	Percy R. Krantz-----
Douglas-----	Lucius Cox-----	Fred L. Bean-----	Arch Curtis-----	H. H. Curtis-----
Eagle-----	W. M. Wilson-----	Herman A. Stain-----	Nettie M. Cave-----	Roy Jordan-----
Elbert-----	J. P. Knapp, Jr.-----	F. D. Hart-----	B. T. Worrall-----	D. M. Sultz-----
El Paso-----	Robert M. Jackson-----	Albert H. Horton-----	C. R. Furrow-----	R. M. Cannon-----
Fremont-----	Henry Koerner-----	E. E. Kissinger-----	Bessie McQuown-----	L. D. Miller-----
Garfield-----	George L. Winters-----	Charles H. King-----	Walter J. Frost-----	W. H. Trumbor-----
Gilpin-----	Oscar Williams-----	Hugh L. Lawry-----	Clifford I. Parsons-----	-----
Grand-----	Mark E. Fletcher-----	W. S. Kennedy-----	R. O. Throckmorton-----	F. L. Huntington-----
Gunnison-----	Ed. T. Lindsley-----	B. H. Snyder-----	Sam C. Hartman-----	J. H. Robinson-----
Hinsdale-----	Hugh A. Coburn-----	Wm. F. Green-----	Mabel B. Rawson-----	B. N. Ramsey-----
Huerfano-----	Harry J. Capps-----	Charles Haines-----	Frank Tafoya-----	Charles Hector-----
Jackson-----	John D. Bulis-----	Florence A. Wilkins-----	C. E. Mitchell-----	J. A. McNamara-----
Jefferson-----	Walter H. Johnson-----	S. A. Koenig-----	Harley Williams-----	H. W. Gardner-----
Kiowa-----	W. P. Mayne-----	J. R. Proctor-----	Ithal Jenkins-----	-----
Kit Carson-----	Walt H. Conarty-----	John S. Boggs-----	Nelle Burr-----	Ira B. Rowbotham-----
Lake-----	Morgan Walsh-----	Frank E. Kendrick-----	John Gregory-----	Fred J. McNair-----
La Plata-----	Ed. Painter-----	Erwin A. Chubb-----	Edith C. Kiel-----	E. W. Oviatt-----
Larimer-----	Orville P. Kelley-----	C. S. Ickes-----	Nellie G. Ramer-----	James H. Andrews-----
Las Animas-----	E. A. Duling-----	Frank R. Dunlavy-----	J. B. Romero-----	Joseph P. Bacca-----
Lincoln-----	C. G. Zimmermann-----	Roy E. Muckler-----	Miss Nellie Noble-----	Chas. E. Musser-----
Logan-----	Roy R. Powell-----	D. B. Delzell-----	Edith Kane-----	J. E. Youngquist-----
Mesa-----	Chas. S. Lumley-----	W. S. Meek-----	Denzel L. Yarnell-----	Roy L. George-----
Mineral-----	William Orthen-----	Wm. T. Jackson-----	H. D. Barnhart-----	Don C. LaFont-----
Moffat-----	Tom G. Blevins-----	Raymond A. Curtis-----	J. W. Moore-----	G. S. Lawrence-----
Montezuma-----	W. W. Dunlap-----	Claude H. Wilson-----	Mabel C. Wa'dron-----	C. C. Knight-----
Montrose-----	A. M. McAnally-----	J. W. Goldsmith-----	S. V. Hobauagh-----	W. H. Fleming-----
Morgan-----	Rufus A. Johnston-----	Edw. H. Madison-----	Loyal C. Baker-----	A. W. Hill-----
Otero-----	D. H. Houghton-----	J. N. Lamb-----	Carlos M. Wilson-----	V. R. Guthrie-----
Ouray-----	Harve E. Israel-----	J. P. Carney-----	Harold F. Kiesel-----	Rich. Whinnerah-----
Park-----	Neal W. Brown-----	Frank H. Stevens-----	Harry L. Moyer-----	Gerald F. Galloway-----
Phillips-----	Frank A. Berger-----	T. H. Hargreaves-----	Albert E. Correll-----	C. A. Guernsey-----
Pitkin-----	J. H. Nicholson-----	Robert S. Killey-----	Mary McKenna-----	Alonzo H. Adams-----
Prowers-----	L. E. Alderman-----	Fred Clark-----	Vera Rosebrough-----	Oscar K. Hallbeck-----
Pueblo-----	Samuel A. Curran-----	Will D. Grisard-----	William Barber-----	Charles A. Reece-----
Rio Blanco-----	J. Sam Gourley-----	George E. Aicher-----	Claude J. Wilson-----	M. D. Hopkins-----
Rio Grande-----	A. H. Webster-----	Edna L. McGuire-----	D. D. Shakespeare-----	Glen O. Cochran-----
Routt-----	Fred Foster-----	E. W. Davis-----	J. D. Crawford-----	Stanley Dismuke-----
Saguache-----	Ed. Paul-----	Florence G. Williams-----	Martin K. Slane-----	Wm. L. Hammond-----
San Juan-----	Merrill H. Doud-----	Raymond H. Dowd-----	Ida L. Grimes-----	-----
San Miguel-----	John Finnegan-----	C. E. Downtain-----	Harold T. Hogan-----	B. W. Purdy-----
Sedgwick-----	G. E. Bothel-----	R. L. Franklin-----	L. A. Munson-----	C. M. Slusser-----
Summit-----	J. G. Detwiler-----	George Robinson-----	E. C. Peabody-----	-----
Teller-----	J. G. Chillson-----	W. D. Tatum-----	John H. White-----	Henry Johns, Jr.-----
Washington-----	*W. B. Justice-----	Ezra Alishouse-----	Blanche D. Avery-----	M. F. Vance-----
Weld-----	E. E. Robinson-----	Jesse R. Patterson-----	Harley C. Grable-----	L. L. Stimson-----
Yuma-----	C. A. Yates-----	P. T. Edmunds-----	I. H. Stevenson-----	D. O. Crum-----

*Deceased.

ELECTED COUNTY OFFICIALS, 1930—Continued
(Not including changes from election of November, 1930)

COUNTY	ASSESSOR	CORONER	COUNTY JUDGE	SUPERINTENDENT OF SCHOOLS
Adams	E. B. Moore	George H. Carr	F. F. Hunter	Bertha L. Baker
Alamosa	O. Bergman	George Lorton	James Hyndman	Mrs. Minnie Brown- well
Arapahoe	C. E. Watlington	Jay M. Hatfield	Horatio S. Ramsey	Joseph Brown
Archuleta	George A. Dutton	B. F. Jackson	F. A. Byrne	Myrtle De Foe
Baca	V. L. Finch	Dr. W. P. Verity	T. Eldon Allen	Zepha S. Moore
Bent	James H. Price	George W. Powell	George H. Stuntz	Allie V. Richmond
Boulder	A. A. Smith	A. E. Howe	E. J. Ingram	Anna J. Ewing Bittner
Chaffee	Frank M. Tomlin	L. B. Stewart	Joseph Newitt	Marion B. Wallace
Cheyenne	R. A. Martinson	A. H. Brentlinger	Viggo H. Johnson	Sara I. Rhoades
Clear Creek	A. H. J. Horstmann	Richard H. Pearce	Charles J. Nicholas	Hazel B. McAdams
Conejos	Seriveriano Ortiz	Earl H. Haynie	Culver A. Green	Mrs. Estella Sowards
Costilla	Sergio Sanchez	J. N. Medill	J. E. Sanchez	Lida M. Orendulph
Crowley	Ed. C. Tritt	E. O. McCleary	James E. Downey	Gladys E. Smith
Custer	Fred W. Stewart	Charles A. Menzel	Edward L. Mott	Lou C. Beaman
Delta	George H. Merchant	Dr. Earl G. Shaffer	Frank M. Goddard	Alice Burnett
Dolores	George McGee	J. E. Koplowitz	G. M. Mullins	Mary E. Livingston
Douglas	O. P. Weston	S. E. Livingston	John Anderson	Elizabeth E. Bennat
Eagle	Moulton Chambers	Oscar W. Meyer	Albert K. Ethel	Anna M. Anderson
Elbert	James F. Mauldin	C. L. Nelson	Frank S. Turner	N. N. Bailey
El Paso	A. W. Sparkman	Dr. I. B. Gilmore	James F. Sanford	Lucile Dee Horton
Fremont	R. W. Irish	Kon Wyatt	Kent L. Eldred	Jane L. Powell
Garfield	John Rigney, Jr.	L. G. Clark	J. W. Bell	Grace A. Blair
Gilpin	William O. Ziege	George L. Hamlik	Louis J. Carter	Amanda Wagner
Grand	Simon Olson	Susan Anderson	J. N. Pettingell	Dorothy Traber
Gunnison	J. W. Haymaker	R. T. Ellington	Sprigg Shackelford	Mary A. Lawrence
Hinsdale	James T. Palmer	L. T. Beam	F. C. French	Carolyn Wright
Huerfano	A. M. Guerrero	W. S. Chapman	W. W. Hammond	Martha Thorne
Jackson	Wm. H. Winscom	C. E. Mosman	K. J. MacCallum	Ethlyn F. Riddle
Jefferson	Matt Haakenson	William Woods	Charles McCall	Miriam B. Martensen
Kiowa	W. Harry Bradley	James G. Hopkins	W. M. Ramsdale	Mrs. Wilma N. Ahern McKay
Kit Carson	Leonard I. Dawson	Orin P. Penny	Clarence M. Smith	Della Hendricks
Lake	Ben Dorrington	Robert W. Walsh	Thomas Evans	Mary A. Clune
La Plata	Charles H. Conroy	Stephan T. Egenes	Clement L. Russell	Sarah Larrabee
Larimer	W. L. Soles	H. M. Balmer	John A. Cross	Alice Cook Fuller
Las Animas	A. T. McCarty	Robert G. Sipe	David M. Ralston	W. F. Templin
Lincoln	J. Frank Riordan	W. M. Deits	P. O. Hedlund	Mrs. J. G. Olsen
Logan	Robert H. Swinney	A. D. Jackson	H. Lawrence Hinkley	Flora A. Allison
Mesa	*James H. Rankin	E. A. Krohn	N. C. Miller	Rose Bishop
Mineral	John J. Weaver	William H. Warren	Clarence Y. Butler	Lois J. Corwin
Moffat	E. V. Haughey	W. E. Driscoll	LeRoy Tucker	Berneice Keely
Montezuma	John G. Dunning	Dr. E. E. Johnson	J. M. Brumley	Myrtle E. Jordan
Montrose	C. I. Moore	Dr. F. Schermerhorn	L. C. Kinnikin	Mrs. Lottie Stevens
Morgan	Clem S. Lee	E. H. Robinson	Clayton C. Rickel	Laura N. Burchsted
Otero	Roy P. Walton	C. M. Ustick	E. C. Glenn	A. J. McFarland
Ouray	Patricio Stealey	Dr. C. V. Bates	R. J. Norpel	Anna L. Grabow
Park	Harry C. Bishop	Dr. G. A. Duffy	J. H. Fisher	Margaret Gibson
Phillips	John B. Nelson	Harry B. Radford	S. S. Worley	Edna Youtsey
Pitkin	Paul R. Caley	Walter Acherson	William R. Shaw	Mrs. Anna Short
Prowers	J. E. Wright	C. T. Knuckey, M. D.	J. C. Horn	Retta Prowers
Pueblo	George N. Bright	Dr. C. N. Caldwell	Frank G. Mirick	Lillie O. Baker
Rio Blanco	F. W. Hossack	J. L. Tagert	John E. Wix	Nell M. Cunningham
Rio Grande	James Rhodus	W. S. Woods	Manlius T. Hancock	Mrs. Nina M. Weiss
Routt	Daniel Stukey	A. W. Heyer	John M. Childress	Mrs. James D. Funk
Saguache	Homer Holland	Dr. O. P. Shippey	M. N. Jordan	George E. Burch
San Juan	Alice M. Kimball	Charles Scheer	William Palmquist	Anna C. Bell
San Miguel	Stockton Smith	Charles H. Tidd	J. M. Woy	Minton S. Donegan
Sedgwick	Buford Hargrove	G. H. Austin	J. F. Lunsford	Helen V. Waite
Summit	E. T. Stuard	L. C. Owens	F. S. Phillips	Mary S. Hallen
Teller	L. Stewart Cox	Mrs. J. R. Schmalz- ried	William Mellem	Loretta S. Davis
Washington	Burel Davis	E. E. Dey	John G. Hudson	Mary M. Young
Weld	Homer F. Bedford	Dr. J. A. Weaver	George H. Van Horn	F. A. Ogle
Yuma	B. H. Yount	J. M. Knowles	I. L. Barker	A. E. Stevenson

*Deceased.

COUNTY COMMISSIONERS, 1930

(Not including changes after election of November, 1930)

- Adams—H. L. Prather, George S. Kemp, R. S. McIntosh.
- Alamosa—Charles Speiser, R. E. Sellers, Herman Emperius.
- Arapahoe—R. A. Miller, O. C. Hoffman, C. O. Sevier.
- Archuleta—David Hersch, Jacob Jacobson, Walter Zabriskie.
- Baca—J. C. Lent, H. C. Kett, F. H. Schnauffer.
- Bent—Stanley Lee, Frank A. Froman, Prowers Hudnell.
- Boulder—E. B. Hill, S. D. Buster, Lew G. Thomas.
- Chaffee—H. Lovel Johnson, Myron Beswick, P. J. Schlosser.
- Cheyenne—Charles E. Collins, W. A. Baber, W. C. Schultz.
- Clear Creek—George H. Curnow, Joseph Cottingham, Charles F. Lawson.
- Conejos—Lewis W. Sowards, James E. Braiden, Juan B. Velasquez.
- Costilla—S. N. Smith, J. M. Pinney, Henry Markwell.
- Crowley—J. G. Boget, S. S. Spillars, F. D. Taylor.
- Custer—A. H. Johnston, Charles J. Donahoe, Rockwell E. Canda.
- Delta—John Boyden, W. T. McMurry, George S. Roller.
- Dolores—S. M. Conn, J. E. Evans, W. E. Quine.
- Douglas—A. E. Failing, L. R. Higby, J. T. Berry.
- Eagle—Gulling Offerson, Wayne T. Jones, Alfred M. Sloss.
- Elbert—R. E. Carver, I. W. Northrup, J. W. Dennis.
- El Paso—W. H. Bartell, Wm. F. Starsmore, Samuel T. Chapman.
- Fremont—John B. Bald, D. N. Cooper, Wm. H. Smith.
- Garfield—John L. Heuschkel, Otto Hahnwald, Lynn Kennedy.
- Gilpin—John L. Robins, John Hancock, W. T. Sterling.
- Grand—Thomas J. Mitchell, Glenn Sheriff, George Goranson.
- Gunnison—Robert Williams, Jr., R. A. Little, Frank Comstock.
- Hinsdale—John R. Liska, W. O. Baker, B. F. Cummings.
- Huerfano—A. J. Rousch, Fred Diez, George S. Niebuhr.
- Jackson—T. John Payne, W. L. Doner, Harry Green.
- Jefferson—Fred D. Blackmer, John R. Browne, Gus A. Johnson.
- Kiowa—P. O. Meyer, J. O. Walker, A. F. Wenger.
- Kit Carson—I. D. Messenger, J. O. Hendricks, John F. Luekan.
- Lake—Charles E. Slavin, Patrick McCarthy, John F. McGuire.
- La Plata—W. I. Gifford, F. E. Pierce, W. E. Tyner.
- Larimer—Andrew L. Johnson, Henri McClelland, J. W. McMullin.
- Las Animas—Hal Barnes, I. B. Rogers, Mauro Cordova.
- Lincoln—E. J. Kidder, Dan Newberry, James D. Peyton.
- Logan—J. N. Hamil, S. A. Richardson, C. M. Morris.
- Mesa—Thomas McKelvie, Gus J. Johnson, E. T. Matthews.
- Mineral—W. C. Sloan, John G. Dabney, L. G. Carpenter.
- Moffat—P. L. Templeton, Thomas S. Iles, Clyde M. Downs.
- Montezuma—Philip Runk, S. C. Englehart, George Menefee.
- Montrose—J. A. Gibson, C. C. Sheats, John Howell.
- Morgan—George Glenn, J. G. Aker, O. B. Schooley.
- Otero—I. F. Haines, R. P. Lewis, John W. Beaty.
- Ouray—Fred A. Martin, E. C. Fisher, J. W. Donald.
- Park—Hollis R. Mills, John D. Buyer, A. W. Head.
- Phillips—S. J. Meakins, John Sandquist, D. A. Rudder.
- Pitkin—True A. Smith, Louis Vagueur, G. B. Brown.
- Prowers—L. M. Appel, M. J. McMillin, Hinton H. Hunter.
- Pueblo—W. L. Rees, P. G. Kay, H. H. Wilson.
- Rio Blanco—Thomas J. Cassidy, John Kenney, Robert C. Russell.
- Rio Grande—Louis Eichenrodt, O. A. Lindstrom, H. J. Gilbreath.
- Routt—Wm. Scheer, Claude A. Smith, Wm. H. Kleckner.
- Saguache—J. W. Alexander, W. E. Gardner, Earl E. Wilson.
- San Juan—John A. Hughes, John Glenville, Philip Santy.
- San Miguel—J. E. Whiteley, Martin Anderson, Horace Joseph.
- Sedgwick—Oscar Franson, W. T. Johnson, J. C. Wagner.
- Summit—Andrew Lindstrom, B. F. Rich, A. H. McDougall.
- Teller—R. W. Jamieson, Alf Coulson, H. L. Potts.
- Washington—A. Mitchell, V. E. Beck, J. R. Shirley.
- Weld—Wm. A. Carlson, James S. Ogilvie, Samuel K. Clark.
- Yuma—W. L. Hadlock, Byron Taylor, George E. Huey.

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

* 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.

NATIONAL AND STATE COMMITTEES

The Colorado members of the Democratic national committee are George A. Collins of Denver and Mrs. Gertrude A. Lee of Briggsdale. The chairman of the Democratic state committee is Walter Walker, of Grand Junction, and Paul Schreiber, Denver, is secretary.

The Colorado members of the Republican national committee are Clarence C. Hamlin, Colorado Springs, and Mrs. John E. Hillman, Delta. The chairman of the Republican state committee is John R. Coen, Sterling.

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 num-

ber 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."

ELECTION RETURNS BY COUNTIES FOR PRESIDENT

COUNTY	1920		1924			1928	
	Harding Rep.	Cox Dem.	Coolidge Rep.	Davis Dem.	La Follette Prog.	Hoover Rep.	Smith Dem.
Adams	2,538	1,617	2,955	1,209	893	4,031	2,265
Alamosa	1,090	953	1,012	625	812	1,759	1,239
Arapahoe	2,805	1,697	4,222	1,209	997	6,086	2,463
Archuleta	704	390	453	269	291	610	447
Baca	1,594	107	1,125	653	559	2,108	524
Bent	1,528	905	1,475	804	417	1,957	741
Boulder	6,483	4,226	7,614	3,273	1,839	9,457	4,363
Chaffee	1,527	1,244	1,322	612	1,017	1,880	1,230
Cheyenne	820	359	837	236	399	945	500
Clear Creek	771	517	726	284	80	790	481
Conejos	1,587	892	1,463	995	137	1,463	1,692
Costilla	780	787	744	665	92	657	1,070
Crowley	1,345	769	1,079	667	324	1,243	635
Custer	540	290	415	281	221	600	389
Delta	2,557	1,725	2,689	1,345	781	3,731	1,672
Denver	42,742	21,551	59,047	15,764	13,054	73,543	41,238
Dolores	192	154	100	157	169	387	278
Douglas	958	561	869	383	248	1,107	603
Eagle	854	667	680	431	414	1,014	570
Elbert	1,639	687	1,396	506	539	1,933	738
El Paso	9,426	5,112	9,965	4,140	3,636	16,243	5,069
Fremont	2,952	2,259	4,422	1,550	1,135	5,365	2,352
Garfield	1,914	1,472	1,927	917	808	2,435	1,562
Gilpin	420	194	361	161	124	299	236
Grand	660	562	658	308	239	770	451
Gunnison	1,060	1,024	1,125	598	744	1,456	1,135
Hinsdale	146	64	133	79	53	128	106
Huerfano	2,590	2,298	2,802	1,219	1,570	3,260	3,343
Jackson	388	120	385	111	72	401	249
Jefferson	3,632	1,983	4,861	1,271	1,312	6,754	2,880
Kiowa	839	515	781	431	430	1,024	458
Kit Carson	1,857	803	2,030	720	574	2,486	1,137
Lake	1,295	950	1,024	613	510	990	1,449
La Plata	1,687	1,458	1,474	1,516	930	2,837	1,872
Larimer	5,633	2,709	6,486	1,970	533	8,213	3,203
Las Animas	4,757	4,217	5,721	2,758	2,936	5,367	6,459
Lincoln	1,828	983	1,647	634	384	2,110	888
Logan	3,150	1,916	2,898	946	1,315	4,377	1,620
Mesa	3,642	3,154	4,053	2,388	2,291	6,446	3,223
Mineral	184	147	150	101	70	144	187
Moffat	1,287	597	1,012	647	151	1,346	710
Montezuma	946	755	686	721	557	1,341	772
Montrose	2,197	1,500	2,071	1,239	1,106	2,873	1,297
Morgan	2,920	1,121	3,267	757	370	4,197	1,242
Otero	2,733	2,700	4,624	1,938	1,106	5,788	1,876
Ouray	706	443	496	256	307	535	479
Park	504	328	645	316	158	740	419
Phillips	1,175	468	1,058	397	635	1,440	705
Pitkin	474	407	437	204	121	485	454
Prowers	2,659	1,247	2,566	1,042	505	3,228	1,216
Pueblo	9,687	7,921	10,609	4,917	3,460	15,541	7,881
Rio Blanco	777	456	741	407	64	860	429
Rio Grande	1,696	996	1,588	922	391	2,254	1,226
Routt	1,878	1,244	1,824	1,116	229	2,304	1,645
Saguache	1,179	733	1,211	591	234	1,491	854
San Juan	332	291	215	206	55	277	436
San Miguel	925	685	673	567	251	721	554
Sedgwick	834	385	799	372	297	1,247	580
Summit	400	389	343	241	124	362	306
Teller	1,562	1,047	1,262	592	616	1,184	1,037
Washington	2,099	1,066	1,771	720	681	2,132	851
Weld	10,347	5,226	10,211	3,406	2,169	13,719	5,762
Yuma	2,673	1,278	2,721	865	832	3,401	1,383
Total	171,104	103,321	193,956	75,238	57,368	253,872	133,131

Bank Statistics

There were 275 active banks located in Colorado on December 31, 1929. These included all institutions operating under federal and state charters. The combined assets of these banks at the close of 1929 amounted to \$357,265,628 and their deposits aggregated \$311,310,485. A table published herewith shows the number of banks, loans and discounts, deposits and assets at the close of each calendar year beginning with 1916. The figures indicate the expansion of

business during the war period, the post-war adjustment and the recovery in more recent years. Another accompanying table shows loans and discounts, deposits and total assets of banks by counties as of December 31, 1929, with comparative figures for 1928. 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	311,310,485	357,265,628

*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

Colorado Banks

(As of January 1, 1930)

Adams County

First National Bank	Aurora
Bennett State Bank	Bennett
American State Bank	Brighton
Farmers State Bank	Brighton
First National Bank	Brighton
Eastlake State Bank	Eastlake

Alamosa County

Alamosa National Bank	Alamosa
Alamosa National Bank	Alamosa
First State Bank of Alamosa	Alamosa
Hooper State Bank	Hooper

Arapahoe County

Byers State Bank	Byers
First National Bank	Deertrail
First National Bank	Englewood
Englewood State Bank	Englewood
First National Bank	Littleton
Littleton National Bank	Littleton
First National Bank	Strasburg

Archuleta County

Citizens Bank of Pagosa Springs	Pagosa Springs
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Baca County

First State Bank	Pritchett
First National Bank	Springfield
Bank of Baca County	Two Buttes
Colorado State Bank	Walsh

Bent County

Bent County Bank	Las Animas
First National Bank	Las Animas
McClave State Bank	McClave

Boulder County

Boulder National Bank	Boulder
Citizens National Bank	Boulder
First National Bank	Boulder
Mercantile Bank & Trust Co.	Boulder
National State Bank	Boulder
Broomfield State Bank	Broomfield
First National Bank	Lafayette
First National Bank	Longmont
Colorado Bank & Trust Co.	Longmont
Longmont National Bank	Longmont
First State Bank of Louisville	Louisville
State Bank of Lyons	Lyons
Niwot State Bank	Niwot

Chaffee County

First National Bank	Buena Vista
First National Bank	Salida
Commercial National Bank	Salida

Cheyenne County

Cheyenne County State Bank	Cheyenne Wells
Kit Carson State Bank	Kit Carson

Clear Creek County

Bank of Georgetown	Georgetown
Bank of Idaho Springs	Idaho Springs
First National Bank	Idaho Springs

Conejos County

Commercial State Bank	Antonito
First National Bank	La Jara
Colonial State Bank	Manassa

Costilla County

Blanca State Bank	Blanca
San Luis State Bank	San Luis

Crowley County

Crowley State Bank	Crowley
First National Bank	Ordway
Ordway State Bank	Ordway
Olney Springs State Bank	Olney Springs
State Bank of Sugar City	Sugar City

Custer County

Westcliffe State Bank	Westcliffe
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Delta County

First National Bank	Cedaredge
Crawford State Bank	Crawford
Colorado Bank & Trust Co.	Delta
First National Bank	Hotchkiss
North Fork State Bank	Hotchkiss
First National Bank	Paonia
Fruit Exchange Bank	Paonia

Denver County

American National Bank	Denver
Colorado State Bank of Denver	Denver
Central Savings Bank & Trust Co.	Denver
Colorado National Bank	Denver
Denver National Bank	Denver
First National Bank	Denver
Guardian Trust Co.	Denver
International Trust Co.	Denver
Motor Bank	Denver
Stockyards National Bank	Denver
South Denver Bank	Denver
South Broadway National Bank	Denver
United States National Bank	Denver
National City Bank	Denver

Dolores County

No Banks.

Douglas County

Castle Rock State Bank	Castle Rock
First National Bank	Castle Rock
Douglas County Bank	Parker

Eagle County

First National Bank	Eagle
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Elbert County

Agate State Bank	Agate
Elbert County State Bank	Elbert
Elizabeth State Bank	Elizabeth
Kiowa State Bank	Kiowa
Stockgrowers State Bank	Kiowa
Simla State Bank	Simla

El Paso County

First State Bank of Calhan	Calhan
City National Bank	Colorado Springs
Colorado Savings Bank	Colorado Springs
Colorado Springs National Bank	Colorado Springs
Colorado Title & Trust Co.	Colorado Springs
Exchange National Bank	Colorado Springs
First National Bank	Colorado Springs
State Savings Bank	Colorado Springs
First National Bank	Fountain
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
Security 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 National Bank	Rifle
Union State Bank of Rifle	Rifle
First State Bank	Silt

Gilpin County

First National Bank.....Central City

Grand County

First State Bank of Sulphur Springs.....

Bank of Kremmling.....Hot Sulphur Springs
Kremmling

Gunnison County

Bank of Crested Butte.....Crested Butte

First National Bank.....Gunnison

Gunnison Bank & Trust Co.....Gunnison

Hinsdale County

No Banks.

Huerfano County

First National Bank.....La Veta

First National Bank.....Walsenburg

Guaranty State Bank.....Walsenburg

Jackson County

No banks.

Jefferson County

First National Bank.....Arvada

Rubey National Bank.....Golden

Kiowa County

First National Bank.....Eads

Eads State Bank.....Eads

Peoples State Bank of Towner.....Towner

Kit Carson County

Bethune State Bank.....Bethune

Stockgrowers State Bank.....Burlington

First National Bank.....Flagler

Seibert State Bank.....Seibert

First National Bank.....Stratton

Vona State Bank.....Vona

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.....Genoa

First National Bank.....Hugo

First National Bank.....Limon

Limon National Bank.....Limon

Logan County

First State Bank.....Crook

First National Bank.....Fleming

Iliff State Bank.....Iliff

Merino State Bank.....Merino

First National Bank.....Peetz

Commercial Savings Bank.....Sterling

First State Bank.....Sterling

Security State Bank.....Sterling

Mesa County

Stockman's Bank.....Collbran

Bank of DeBeque.....DeBeque

First National Bank.....Fruita

Grand Valley National Bank.....Grand Junction

United States Bank.....Grand Junction

Palisades National Bank.....Palisades

Mineral County

No Banks.

Moffat County

Craig National Bank.....Craig

First National Bank.....Craig

Montezuma County

Montezuma Valley National Bank.....Cortez

J. J. Harris & Company, Bankers.....Dolores

First National Bank.....Mancos

Montrose County

First National Bank.....Montrose

Montrose National Bank.....Montrose

First National Bank.....Olathe

Olathe State Bank.....Olathe

Morgan County

Farmers State Bank.....Brush

First National Bank.....Brush

Farmers State Bank.....Ft. Morgan

First National Bank.....Ft. Morgan

Peoples State Bank.....Ft. Morgan

First State Bank of Hillrose.....Hillrose

First State Bank.....Wiggins

Weldon Valley State Bank.....Weldona

Otero County

Fowler State Bank.....Fowler

First National Bank.....Fowler

Colorado Savings & Trust Co.....La Junta

First National Bank.....La Junta

La Junta State Bank.....La Junta

J. N. Beatty & Company, Bankers.....Manzanola

Rocky Ford National Bank.....Rocky Ford

State Bank of Swink.....Swink

Ouray County

Citizens State Bank.....Ouray

Bank of Ridgway.....Ridgway

Park County

Bank of Alma.....Alma

Bank of Fairplay.....Fairplay

Phillips County

Farmers State Bank.....Haxtun

First National Bank.....Haxtun

Haxtun State Bank.....Haxtun

Citizens State Bank.....Holyoke

First National Bank.....Holyoke

Phillips County State Bank.....Holyoke

Paoli State Bank.....Paoli

Pitkin County

Aspen State Bank.....Aspen

Prowers County

American State Bank.....Granada

Hartman State Bank.....Hartman

First National Bank.....Holly

First National Bank.....Lamar

Lamar National Bank.....Lamar

Valley State Bank.....Lamar

Bank of Wiley.....Wiley

Pueblo County

Citizens State and Savings Bank.....Boone

First National Bank.....Pueblo

Minnequa Bank of Pueblo.....Pueblo

Pueblo Savings Bank & Trust Co.....Pueblo

Southern Colorado Bank.....Pueblo

Western National Bank.....Pueblo

Bank of Rye.....Rye

Rio Blanco County

First National Bank.....Meeker

First State Bank.....Meeker

Rio Grande County

Bank of Del Norte.....Del Norte

Rio Grande State Bank.....Del Norte

First National Bank.....Monte Vista

Monte Vista Bank & Trust Co.....Monte Vista

The Wallace State Bank.....Monte Vista

Routt County

Yampa Valley Bank	Hayden
Oak Creek State Bank	Oak Creek
Bank of Steamboat Springs	Steamboat Springs
First National Bank	Steamboat Springs
Bank of Yampa	Yampa

Saguache County

First National Bank	Center
Peoples State Bank	Center
Saguache County Bank	Saguache

San Juan County

First National Bank	Silverton
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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
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Teller County

First National Bank	Cripple Creek
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Washington County

Citizens National Bank	Akron
Farmers State Bank	Cope
First National Bank	Otis

Weld County

Farmers National Bank	Ault
Briggsdale State Bank	Briggsdale
Eaton National Bank	Eaton
First National Bank	Eaton
Erie Bank	Erie
Fort Lupton State Bank	Fort Lupton
Platte Valley State Bank	Fort Lupton
First National Bank	Greeley
Greeley Union National Bank	Greeley
Weld County Savings Bank	Greeley
Hereford State Bank	Hereford
First State Bank of Hudson	Hudson
First National Bank	Johnstown
First State Bank	Keenesburg
La Salle State Bank	La Salle
First National Bank	Mead
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
Farmers State Bank	Yuma
First National Bank	Yuma
Union State Bank	Yuma
Vernon State Bank	Vernon
First National Bank	Wray
Peoples State Bank	Wray
National Bank	Wray

COLORADO'S TOTAL WEALTH

The bureau of the census of the department of commerce estimated the total wealth of Colorado in 1922 at \$3,229,412,000. This estimate is \$379,880,000 higher than given elsewhere in this volume under the title "Taxable and Non-taxable Property" for the Year 1929." The difference arises principally in the method of making the estimates, the census bureau seeking

to give the material, or tangible value of all property adjusted to the basis of actual value, while the estimate of the immigration department of the state is based on the values as assessed for taxation purposes. Also, the census bureau allowed only \$369,628,000 for the value of non-taxable property, compared with an estimate of \$1,262,612,816 made by this department. A study of the estimates given under "Taxable and Non-taxable Property" will indicate that the federal government's estimate is very much too low on the value of property in the state exempt from taxation.

The estimates made by the census bureau on the total wealth of Colorado in 1922 are as follows:

Realty	\$1,758,446,000
Livestock	100,664,000
Manufacturers' machinery, tools and implements...	86,808,000
Railroads and equipment..	364,963,000
Motor vehicles.....	59,893,000
Farm implements and machinery	35,059,000
Street railways, water works, etc.....	143,485,000
Agricultural products.....	51,829,000
Manufactured products...	125,060,000
Imported merchandise.....	6,207,000
Mining products.....	11,885,000
Clothing, jewelry, furniture, etc.....	485,113,000

Total.....\$3,229,412,000

The above item of \$1,758,446,000 value for realty in 1922 includes \$1,388,819,000 for taxed property and \$369,628,000 for property exempt from taxation. The \$3,229,412,000 value for all property in 1922 compares with an estimate of \$2,315,310,000 in 1912 by the same authority.

The per capita value of all property in the years named as made by the census bureau was as follows:

1922	\$3,285
1912	2,702
1904	2,046
1900	1,738

Colorado ranked 29th among the states of the Union in 1922, according to the census bureau's figures, and the state had a fraction more than one per cent of the country's total wealth. The National Industrial Conference Board, Inc., which is affiliated with numerous industrial organizations of the country, estimated the total wealth of Colorado in 1928 at \$3,505,000,000, or \$3,216 per capita. Its estimate is based on the computed growth of physical assets from 1912 to 1922, together with the assumption that in the periods before and after 1922, the growth was uniformly at the same rate.

COLORADO BANK STATISTICS

COUNTY	December 31, 1928		December 31, 1929		
	Loans and Discounts	Deposits	Loans and Discounts	Deposits	Total Assets
Adams.....	\$ 1,470,761	\$ 2,036,144	\$ 1,354,642	\$ 2,036,562	\$ 2,324,323
Alamosa.....	907,932	1,877,557	996,248	2,002,726	2,256,209
Arapahoe.....	1,033,260	2,166,408	1,153,953	2,207,770	2,572,804
Archuleta.....	160,296	355,499	151,939	273,652	334,140
Baca.....	494,768	810,174	650,253	1,210,680	1,346,270
Bent.....	941,507	1,237,907	937,714	1,201,557	1,432,660
Boulder.....	4,544,587	7,970,629	4,682,757	7,801,924	9,380,820
Chaffee.....	686,651	2,095,418	615,091	2,053,919	2,409,101
Cheyenne.....	261,980	291,660	235,536	293,646	397,598
Clear Creek.....	302,888	498,427	311,394	516,668	687,283
Conejos.....	449,100	633,175	380,292	702,676	846,758
Costilla.....	126,640	251,211	139,106	209,249	245,523
Crowley.....	339,249	777,232	388,154	734,130	953,467
Custer.....	135,219	283,775	156,582	243,580	303,897
Delta.....	1,896,646	2,882,051	1,389,665	2,363,649	2,736,334
Denver.....	87,337,035	167,260,730	87,490,180	157,830,389	177,388,773
Dolores.....	.....	.....	.....	.....	.....
Douglas.....	408,177	655,695	420,186	591,224	720,963
Eagle.....	212,741	530,507	241,423	514,112	575,681
Elbert.....	650,843	994,175	639,602	940,814	1,122,111
El Paso.....	12,717,207	20,712,843	12,318,465	20,082,107	23,054,218
Fremont.....	1,853,744	5,031,438	2,024,577	4,867,859	5,324,167
Garfield.....	1,766,766	3,615,055	1,875,737	3,038,433	3,816,585
Gilpin.....	18,506	278,393	18,168	286,422	347,292
Grand.....	360,887	510,911	197,498	456,344	516,086
Gunnison.....	714,160	1,845,210	660,991	1,805,583	2,091,452
Hinsdale.....	.....	.....	.....	.....	.....
Huerfano.....	1,164,119	2,706,853	1,206,002	2,688,367	2,965,367
Jackson.....	.....	.....	.....	.....	.....
Jefferson.....	541,235	1,383,906	527,952	1,363,213	1,523,455
Kiowa.....	267,012	334,041	307,201	472,867	510,367
Kit Carson.....	562,840	720,031	788,798	999,305	1,225,999
Lake.....	148,699	1,478,452	214,179	1,286,616	1,422,156
La Plata.....	1,755,513	3,340,127	1,624,919	3,114,035	3,610,356
Larimer.....	5,601,991	7,699,200	5,390,575	6,996,889	9,740,985
Las Animas.....	4,248,094	9,253,184	3,874,903	8,791,852	9,676,113
Lincoln.....	647,045	923,780	753,834	941,536	1,186,915
Logan.....	2,006,161	2,386,294	1,846,201	2,657,087	3,113,745
Mesa.....	2,361,074	4,653,271	2,480,644	4,718,232	5,227,369
Mineral.....	.....	.....	.....	.....	.....
Moffat.....	444,813	768,528	431,318	704,562	800,192
Montezuma.....	998,056	1,922,504	1,035,180	1,646,436	1,945,792
Montrose.....	1,288,724	2,343,817	1,637,798	2,392,005	2,903,962
Morgan.....	2,808,678	3,272,030	3,146,367	3,085,944	4,312,903
Otero.....	1,913,050	2,888,600	2,081,842	3,060,849	3,723,227
Ouray.....	243,516	467,580	241,419	406,171	464,707
Park.....	122,523	248,406	109,623	234,381	286,797
Phillips.....	1,049,835	1,413,293	1,063,066	1,309,920	1,778,743
Pitkin.....	99,758	473,785	94,803	410,404	456,680
Prowers.....	1,427,940	2,135,613	1,572,454	2,194,712	2,621,834
Pueblo.....	9,091,772	29,605,631	10,100,999	26,193,054	29,304,901
Rio Blanco.....	552,294	938,387	553,243	842,410	941,985
Rio Grande.....	1,473,742	1,760,481	1,317,449	1,949,710	2,204,753
Routt.....	924,841	1,315,391	954,570	1,243,540	1,444,854
Saguache.....	646,618	848,534	688,939	947,217	1,135,792
San Juan.....	94,297	584,102	127,488	619,744	738,740
San Miguel.....	806,377	917,270	.....	.....	.....
Sedgwick.....	547,467	752,235	581,764	679,464	898,248
Summit.....	57,588	173,697	55,149	149,326	183,562
Teller.....	431,285	2,249,779	418,495	2,217,353	2,290,767
Washington.....	328,630	543,243	336,240	574,073	688,031
Weld.....	6,585,005	9,850,846	6,483,611	10,135,997	12,468,625
Yuma.....	1,202,289	1,613,267	1,283,863	1,747,539	2,283,189
State.....	\$172,234,431	\$327,618,487	\$172,871,041	\$311,040,485	\$357,265,628

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. R. Eckles, Lamar, president; Elmore Petersen, Boulder, secretary.

Colorado Association—F. H. Reid, president; B. M. Rastall, executive vice-president; Dudley R. Griggs, secretary; 514 Sixteenth Street, Denver.

Colorado Manufacturers and Merchants Association—E. J. Yetter, Denver, president; E. C. Dawson, Denver, executive secretary; office, City Auditorium, Denver.

Western Colorado Chamber of Commerce—J. A. Clay, Durango, president; J. F. Weeland, Delta, secretary.

Southeastern Colorado Chamber of Commerce—C. E. Sabin, La Junta, president; J. J. Clark, La Junta, secretary.

Northern Colorado Traffic Association—J. H. Wolff, Greeley, secretary.

Moffat Tunnel League—Ed Rich, Oak Creek, president; M. S. Wheeler, Steamboat Springs, secretary.

The following table of commercial organizations by counties is revised to April 21, 1930.

Alamosa County

*Alamosa—Alamosa Chamber of Commerce, W. D. Sheely, president; Charles L. Dynes, secretary.

Adams County

Bennett—Commercial Club, R. A. Nye, president; A. O. Westerman, secretary.

*Brighton—Commercial Club, William Wall, Jr., president; W. W. Gaunt, secretary.

Arapahoe County

*Aurora—Commercial Club, Frank M. Shedd, president; C. O. Harrison, secretary.

Byers—Commercial Association, I. M. Minker, president; Hal Parmeter, secretary.

*Englewood—Chamber of Commerce, Hugh W. Graham, president; George R. Ballard, secretary.

*Littleton—Civic and Commercial Association, O. E. Hoffman, president; H. S. Ramsey, secretary.

Baca County

Springfield — Chamber of Commerce, D. G. Reynolds, president; I. N. Rich, secretary.

Bent County

*Las Animas—Commercial Club, Byron G. Rogers, president; M. A. Thompson, secretary.

Boulder County

Allenspark—Chamber of Commerce, J. S. Tregamba, president; Wm. Morgan, secretary.

*Boulder—Chamber of Commerce, O. D. Neill, president; E. G. Fine, secretary.

*Longmont—Chamber of Commerce, J. C. Muth, president; C. D. Rue, secretary.

Lyons—Commercial Association, M. W. Turner, president; O. J. Ramey, secretary.

Chaffee County

*Buena Vista—Board of Trade, C. P. Aicher, president; A. E. Smith, secretary.

Salida—Chamber of Commerce, F. W. Mays, president; Claude Fenno, secretary.

Cheyenne County

Cheyenne Wells — Commercial Club, W. W. Milhoan, president; R. A. Martinson, secretary.

Clear Creek County

Empire—Commercial Association, M. R. Anderson, president; E. E. Koch, secretary.

Idaho Springs — Clear Creek County Metal Mining Association, Charles W. Lerchen, president; W. H. Stephens, secretary.

Conejos County

Antonito—Commercial Club, G. A. Jenkins, president; J. D. Frazey, secretary.

Manassa—Commercial Club, C. P. Jensen, president; L. M. Haynie, secretary.

Crowley County

Ordway—Lions Club, J. C. Buel, Jr., president; H. H. Lyons, secretary.
Sugar City—Service Club, L. A. Richards, president; T. W. Butler, secretary.

Delta County

Cedaredge—Chamber of Commerce, Leo C. Jackisch, president; P. K. Yonge, secretary.
Crawford—Chamber of Commerce, Henry E. Weborn, president; William Den Beste, secretary.

*Delta—Delta Chamber of Commerce, L. A. Dowd, president; J. F. Weeland, secretary.

Hotchkiss—North Fork Chamber of Commerce, H. B. Fetz, president; C. R. Neill, secretary.

Paonia—Chamber of Commerce, C. L. Oliver, president; E. E. Huffty, secretary.

Denver County

*Denver—Chamber of Commerce, George E. Collisson, secretary.

*Denver—Rocky Mountain Motorists, Inc., Charles C. Gates, president; Clarence Werthan, secretary.

*Denver—The Colorado Association, F. H. Reid, president; Dudley R. Griggs, secretary.

Eagle County

Eagle—Commercial and Improvement Association, Wayne T. Jones, president; H. C. Wiggle, secretary.

El Paso County

Calhan—Commercial Club, K. P. Augustus, secretary.

*Colorado Springs—Chamber of Commerce, H. D. MacDonald, president; E. E. Jackson, secretary.

Fremont County

*Canon City—Chamber of Commerce, R. A. Ricketts, president; Fred B. Rice, secretary.

*Florence—Chamber of Commerce, J. V. McCandless, president; Lynn Smith, secretary.

*Penrose—Beaver Park Farm and Commercial Club, C. O. Fuller, president; W. G. Keiry, secretary.

Garfield County

*Glenwood Springs—Chamber of Commerce, C. L. Hubbard, president; E. G. LeDonne, secretary.

*Grand Valley—Chamber of Commerce, Henry Alber, president; G. L. Richardson, secretary.

Rifle—Chamber of Commerce, Quince Hutton, president; Walter L. Wilder, secretary.

Silt—Farmers' Union, H. B. Sink, president; Jennie V. Bowles, secretary.

Grand County

*Hot Sulphur Springs—Commercial Club, H. O. Gray, president; N. C. Huffaker, secretary.

Gunnison County

*Gunnison—Chamber of Commerce, Dr. J. P. McDonough, president; Sam C. Hartman, secretary.

Huerfano County

*La Veta—Commercial Club, C. C. Webster, president; O. B. Lauth, secretary.

Jefferson County

*Arvada Chamber of Commerce, Newton A. Olson, president; Marquis E. Johnson, secretary.

Kit Carson County

Burlington—Chamber of Commerce, Orin P. Penny, president; George F. Cockerell, secretary.

Flagler—Community Club, George M. Baxter, president; Gust Westman, secretary.

La Plata County

*Durango—Durango Exchange, Ray T. Sechrist, president; Richard Nelson, secretary.

Larimer County

*Berthoud—Chamber of Commerce, John A. Bell, president; F. P. Weyandt, secretary.

*Estes Park—Chamber of Commerce, Joe Mills, president; John Martin, Jr., secretary.

*Fort Collins—Chamber of Commerce, T. J. Warren, president; D. L. Anderson, secretary.

*Loveland—Chamber of Commerce, Robert Etter, Jr., president; William Hammond, secretary.

*Wellington—Commercial Club, E. T. Puleston, president; A. L. Carlson, secretary.

Las Animas County

*Trinidad—Chamber of Commerce, W. P. Southard, president; J. C. Caldwell, secretary.

Lincoln County

Hugo—Commercial Club, G. Don Randolph, president; J. J. Missemer, secretary.

*Limon—Chamber of Commerce, A. C. Sinclair, president; J. H. Stewart, secretary.

Logan County

*Merino—Merino Progress Club, W. E. Outcault, president; K. C. Brown, secretary.

*Sterling—Chamber of Commerce, H. M. Harms, president; Mervin Brown, secretary.

Mesa County

Collbran—Chamber of Commerce, Dr. William Zinke, president; J. C. Mardis, secretary.

De Beque—Chamber of Commerce, H. L. Locke, president; W. Heflin, secretary.

Fruita—Chamber of Commerce, F. W. Bocking, president; L. H. Dewey, secretary.

*Grand Junction—Chamber of Commerce, Frank R. Hall, president; W. M. Wood, secretary.

*Palisades—Chamber of Commerce, Wayne N. Aspinall, secretary.

Moffat County

*Craig—Lions Club, T. M. Fitzpatrick, president; F. A. Lindsay, secretary.

Montezuma County

Cortez—Montezuma County Chamber of Commerce, A. F. Hopper, president; F. L. Miller, secretary.

*Dolores—Commercial Club, S. H. Phlegar, president; C. H. Webb, secretary.

Mancos—Chamber of Commerce, F. C. Haller, president; B. C. Bauer, secretary.

Montrose County

Montrose—Montrose Chamber of Commerce, R. A. Peterson, president; J. D. Wilkerson, secretary.
 Olathe—Chamber of Commerce, F. E. Spencer, president; Dr. R. V. Adler, secretary.

Morgan County

Brush—Civic Club, William B. Paynter, president; Floyd A. Hansen, secretary.
 *Fort Morgan—Chamber of Commerce, Willard Reid, president; R. R. Drennan, secretary.
 *Orchard—Commercial Club, Joseph Kosski, secretary.
 Weldona—Chamber of Commerce, F. S. Markley, president; M. O. York, secretary.

Otero County

*Fowler—Chamber of Commerce, J. U. Griffin, president; Donald A. Buck, secretary.
 *La Junta—Chamber of Commerce, R. C. Austin, president; W. C. Spordeder, secretary.
 Manzanola—Commercial Club, J. H. Harriss, president; A. W. Warner, secretary.
 *Rocky Ford—Chamber of Commerce, J. H. Price, president; J. L. Miller, secretary.

Ouray County

Ouray—Ouray Recreation Association, Thomas Mowatt, president; W. S. Olexo, secretary.

Phillips County

Holyoke—Chamber of Commerce, John P. Beck, president; R. G. Amack, secretary.

Pitkin County

Aspen—Chamber of Commerce, F. D. Willoughby, secretary.

Prowers County

*Granada—Granada Promotion Club, C. D. Baldwin, president; A. L. McDonald, secretary.
 Holly—Commercial Club, Sam S. Smith, president; E. J. Thayer, secretary.
 *Lamar—Chamber of Commerce, J. R. Eckles, president; L. M. Markham, secretary.
 *Wilcoy—Commercial Club, Dr. C. L. Housel, president; R. H. Horner, secretary.

Pueblo County

*Pueblo—Commerce Club, E. F. Stone, president; P. A. Gray, secretary.
 Rye—Chamber of Commerce, J. W. Stewart, president; E. E. Jeter, secretary.

Rio Blanco County

*Meeker—Commercial Club, E. K. Baer, president; Charles Tagert, secretary.

Rio Grande County

*Del Norte—Community Club, Louis Eickenrodt, president; F. H. Jones, secretary.
 Monte Vista—Commercial Club, C. T. Elting, president; Esther J. Godfrey, secretary.

Routt County

*Hayden—Lions Club, L. E. Fitzgerald, president; M. F. Hofstetter, secretary.
 Oak Creek—Chamber of Commerce, R. K. Gwilliam, president; Ed. Bell, secretary.
 *Steamboat Springs—Commercial Club, C. A. Leukens, president; H. Clay Monson, secretary.

*Steamboat Springs—Moffat Tunnel League, Ed. Rich, president; M. S. Wheeler, secretary.

Steamboat Springs—Sequoah Club, Arthur Jackson, secretary.

Saguache County

*Center—Upper San Luis Valley Inf. Bureau, E. C. Feast, president; Samuel Feast, secretary.

San Juan County

Silverton—Commercial Club, E. W. Walter, president; James Pilling, secretary.

San Miguel County

Norwood—Chamber of Commerce, Charles McKeever, president; Robert E. Williams, secretary.
 Telluride—Lions Club, Frank B. Wilson, president; W. E. Fleetwood, secretary.

Sedgwick County

*Ovid—Chamber of Commerce, P. B. McCauley, president; Joe Brust, secretary.

Summit County

Dillon—Chamber of Commerce, E. F. Heaton, president; I. W. Blundell, secretary.

Teller County

Cripple Creek—Cripple Creek Motor and Commercial Club, P. H. House, president; F. W. Bruington, secretary.
 *Victor—Chamber of Commerce, M. Driscoll, president; O. R. Hagans, secretary.

Washington County

*Otis—Commercial Club, A. D. Leerskov, president; Phillip Shae, secretary.

Weld County

*Ault—Community Club, F. M. Walling, president; H. D. Pratt, secretary.
 *Eaton—Eaton Luncheon Club, D. Alvin Berg, president; E. K. McMillen, secretary.
 Erie—Consolidated Commercial Association, Wm. Nicholson, president; C. R. Hunt, secretary.
 *Greeley—Chamber of Commerce, D. R. McArthur, president; E. H. Folbrecht, secretary.
 Greeley—Weld County Commercial Club, C. G. Wilson, president; H. F. Bedford, secretary.
 *Hudson—Commercial Club, John Foster, secretary.
 *Johnstown—Commercial Club, Roger S. Plummer, president; Carl Krause, secretary.
 Milliken—Community Club, A. S. White, secretary.
 Pierce—Pierce Co-operative Club, G. P. Miller, president; Emil Smith, secretary.
 *Windsor—Community Association, W. T. Boreing, secretary.

Yuma County

Eckley—Rowan's Club, R. M. Tillatson, president; W. C. Godsey, secretary.
 Wray—Chamber of Commerce, V. V. Vinning, president; Joes C. Graham, secretary.

*Members of State Association of Commercial organizations as of April 21, 1930.

Colorado Postoffices

Colorado had on January 1, 1930, a total of 733 postoffices, of which 60 belonged to the first and second classes and 673 were designated as third and fourth class postoffices. This is an increase of one in the first and second classes and a decrease of 31 in the third and fourth classes as compared with January 1, 1929, and an increase of five in the first and second classes and a decrease of 53 as compared with the beginning of 1927. 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, is as follows:

Year	Amount
1925	\$4,837,745
1926	5,301,024
1927	5,608,286
1928	5,700,006
1929	6,060,555

Stamp sales by third and fourth class postoffices, by years, is as follows:

Year	Amount
1925	\$764,235
1926	729,681
1927	709,200
1928	684,508
1929	714,966

Total sales by all offices in the state, by years, is as follows:

Year	Amount
1925	\$5,601,980
1926	6,030,705
1927	6,317,486
1928	6,384,510
1929	6,775,521

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 POSTOFFICE PROPERTIES IN COLORADO

Location	Building	Site Cost	Building Cost
Boulder	P. O.	\$ 10,000	\$ 59,951.85
Canon City	P. O.	11,000	(No Bldg.)
Canon City	P. O. (new site)	14,000	(No Bldg.)
Colorado Springs	P. O.	65,000	241,582.98
Denver	Custom House (old)	65,000	600,317.97
Denver	New P. O.	486,801	1,999,869.31
Denver	Custom House (new)	200,000	*
Durango	P. O.	10,000	129,748.67
Fort Collins	P. O.	12,000	87,893.74
Fort Morgan	P. O.	9,785	47,412.99
Glenwood Springs	P. O.	9,500	83,951.96
Grand Junction	P. O.	9,800	173,899.17
Greeley	P. O.	38,508	102,011.21
La Junta	P. O.	#1	84,934.84
Leadville	P. O.	12,000	71,469.97
Monte Vista	P. O.	3,900	(No Bldg.)
Montrose	P. O. and Court House	21,850	(No Bldg.)
Pueblo	P. O.	#1	298,990.93
Sterling	P. O.	15,000	(No Bldg.)
Trinidad	P. O.	#1	74,931.35
Total		\$994,147	\$4,056,966.94

*Contract awarded (\$747,900); building in progress.

#Sites donated.

FIRST AND SECOND CLASS POSTOFFICES AND STAMP SALES

Postoffice	County	Stamp Sales				
		1925	1926	1927	1928	1929
Akron	Washington	\$ 10,512	\$ 9,466	\$ 9,264	\$ 9,135	\$ 9,103
Alamosa	Alamosa	30,979	30,637	31,534	33,500	35,755
Arvada	Jefferson	*	*	*	8,616	8,140
Boulder	Boulder	102,463	101,145	109,884	103,390	105,425
Brighton	Adams	14,717	15,409	16,336	16,526	17,318
Brush	Morgan	13,198	13,985	13,969	13,878	14,603
Burlington	Kit Carson	12,400	12,878	12,186	13,128	13,339
Canon City	Fremont	39,952	41,466	41,339	40,262	40,422
Cheyenne Wells	Cheyenne	*	*	*	*	13,599
Colorado Springs	El Paso	256,657	266,483	254,574	293,355	313,517
Craig	Moffat	12,975	11,999	12,629	13,403	14,965
Cripple Creek	Teller	8,260	9,117	8,643	9,261	7,812
Delta	Delta	21,605	23,082	22,117	22,004	22,335
Del Norte	Rio Grande	*	*	*	8,307	8,803
Denver	Denver	2,955,068	3,391,673	3,688,955	3,730,058	4,059,839
Durango	La Plata	40,406	41,059	42,710	41,460	42,353
Eaton	Weld	8,646	9,100	9,210	8,697	8,614
Estes Park	Larimer	13,195	12,914	12,893	11,687	12,404
Florence	Fremont	15,039	14,625	15,183	15,178	13,672
Fort Collins	Larimer	80,113	74,205	76,112	75,617	75,902
Fort Lupton	Weld	8,069	8,774	8,951	8,603	8,807
Fort Morgan	Morgan	27,112	27,358	28,085	27,835	27,388
Glenwood Springs	Garfield	19,106	20,311	19,871	19,299	19,066
Golden	Jefferson	15,733	16,330	16,770	17,429	18,380
Grand Junction	Mesa	117,816	114,841	120,269	118,471	117,001
Greeley	Weld	86,362	85,494	90,793	91,036	87,784
Gunnison	Gunnison	13,496	14,088	14,117	13,811	15,289
Haxtun	Phillips	*	*	*	8,072	8,108
Holly	Prowers	7,648	7,616	8,155	7,562	8,708
Holyoke	Phillips	9,671	9,558	9,729	9,564	10,199
Idaho Springs	Clear Creek	9,053	8,168	8,372	7,633	7,824
Julesburg	Sedgwick	8,466	9,836	11,661	9,896	10,317
La Junta	Otero	32,140	35,774	34,181	34,653	36,967
Lamar	Prowers	29,026	29,730	29,867	29,955	32,698
Las Animas	Bent	15,700	14,710	15,327	15,099	17,346
Leadville	Lake	19,612	20,419	20,035	18,557	18,860
Limon	Lincoln	6,996	7,549	7,475	7,477	7,535
Littleton	Arapahoe	15,653	15,034	17,754	20,386	25,378
Longmont	Boulder	24,490	29,207	26,468	30,731	27,755
Loveland	Larimer	23,326	23,523	23,318	23,456	23,247
Manitou	El Paso	14,237	14,550	13,974	12,963	15,114
Meeker	Rio Blanco	8,569	8,486	9,709	9,569	9,791
Monte Vista	Rio Grande	18,379	18,797	20,488	18,253	20,584
Montrose	Montrose	27,071	27,076	26,425	27,004	27,479
Oak Creek	Routt	7,707	7,142	7,174	7,388	7,159
Palisades	Mesa	11,499	10,686	8,759	7,225	8,677
Paonia	Delta	12,313	12,775	11,127	11,731	10,702
Pueblo	Pueblo	355,075	370,550	366,544	347,538	319,216
Rifle	Garfield	9,853	9,973	10,504	11,056	11,626
Rocky Ford	Otero	26,279	28,603	30,318	27,239	28,021
Salida	Chaffee	22,967	23,835	24,898	25,399	25,506
Springfield	Baca	*	*	*	8,963	10,759
Steamboat Springs	Routt	12,081	13,057	13,602	14,097	14,257
Sterling	Logan	42,745	39,145	39,360	44,327	44,835
Telluride	San Miguel	9,656	9,117	7,949	6,142	4,957
Trinidad	Las Animas	78,173	77,154	76,691	81,817	82,436
Victor	Teller	8,369	8,317	8,050	8,146	8,151
Walsenburg	Huerfano	25,545	23,841	24,244	24,831	23,476
Wray	Yuma	12,165	11,254	10,667	10,242	11,741
Yuma	Yuma	9,402	9,103	9,066	9,090	9,438
Total		\$4,837,745	\$5,301,024	\$5,608,285	\$5,700,007	\$6,060,555

* Included in aggregate for third and fourth class offices, in which classification these offices were carried until recently.

Third and Fourth Class Postoffices

Post Office	County	Post Office	County	Post Office	County
Abarr ¹	Yuma	Bufoed ¹	Rio Blanco	Dove Creek ¹	Dolores
Ackmen ¹	Montezuma	Burdett ¹	Washington	Dover ¹	Weld
Adams City ¹	Adams	Burns ¹	Eagle	Doyleville ¹	Gunnison
Adena ¹	Morgan	'Byers ²	Arapahoe	Drake ¹	Larimer
Agate ¹	Elbert	Caddoa ²	Bent	Dumont ¹	Clear Creek
Aguilar ²	Las Animas	Cahone ¹	Dolores	Dunkley ¹	Routt
Alamo ¹	Huerfano	Caisson	Moffat	Dunton ¹	Dolores
Alcreek ¹	Las Animas	Calhan ²	El Paso	Dupont ¹	Adams
Allenspark ¹	Boulder	Cameo ¹	Mesa	Durango	La Plata
Allison ¹	La Plata	Campo ²	Baca	Dyke	Archuleta
Alma ¹	Park	Capulin ¹	Conejos	Eads ²	Kiowa
'Almont ¹	Gunnison	'Carbondale ²	Garfield	'Eagle ²	Eagle
Amherst ¹	Phillips	Carlton ¹	Prowers	Eastlake ¹	Adams
Amity ²	Prowers	Carr ¹	Weld	Eastonville ¹	El Paso
Amy ¹	Lincoln	Cary Ranch	Routt	Eckert ²	Delta
Andrix ¹	Las Animas	Cascade ¹	El Paso	Eckley ²	Yuma
Antlers ¹	Garfield	Castle Rock ²	Douglas	'Edgewater ²	Jefferson
Antonito ²	Conejos	Cebolla	Gunnison	Edler ¹	Baca
Apex ¹	Gilpin	Cedar ¹	San Miguel	Edwards ²	Eagle
Arapahoe ²	Cheyenne	'Cedaredge ²	Delta	Eggers	Larimer
Arboles ¹	Archuleta	Cedarwood ¹	Pueblo	Egnar ¹	San Miguel
Arickaree ¹	Washington	Center ¹	Saguache	Elba ¹	Washington
Arlington ¹	Kiowa	'Central City ²	Gilpin	Elbert ²	Elbert
Armel ¹	Yuma	Chama ¹	Costilla	'Eldora ¹	Boulder
Aroya ¹	Cheyenne	Chandler ¹	Fremont	Eldorado Springs	Boulder
Arriba ²	Lincoln	Cheneycenter ¹	Prowers	Elizabeth ²	Elbert
Arriola ¹	Montezuma	Cheraw ¹	Otero	Elk Springs	Moffat
'Aspen ²	Pitkin	Cherokee Park	Larimer	El Moro ¹	Las Animas
Association Camp ³	Larimer	Chivington ¹	Kiowa	Empire ¹	Clear Creek
Atchee ¹	Garfield	Chromo ¹	Archuleta	Englewood ²	Arapahoe
Atwood ¹	Logan	Cimarron ¹	Montrose	Erie ²	Weld
'Ault ²	Weld	Clark ¹	Routt	Escalante Forks	Mesa
Aurora ²	Arapahoe	'Cliffdale ¹	Jefferson	Eskdale ¹	Adams
Austin ²	Delta	'Clifton ²	Mesa	Espinoza ¹	Conejos
Avalo ¹	Weld	Climax ¹	Lake	Estabrook ¹	Park
Avon ¹	Eagle	Coalcreek ²	Fremont	Eureka ²	San Juan
Avondale ¹	Pueblo	Coaldale ¹	Fremont	Evans ¹	Weld
Axial ¹	Moffat	Coalmont ¹	Jackson	Evergreen ²	Jefferson
Ayer	Otero	Cokedale ¹	Las Animas	Fairplay ²	Park
Bailey ¹	Park	'Collbran ²	Mesa	Falcon ¹	El Paso
Baldwin ¹	Gunnison	Colona ¹	Ourray	Falfa ¹	La Plata
Barela ¹	Las Animas	Columbine ¹	Routt	Farisita	Huerfano
Barnesville ¹	Weld	Como ²	Park	Farr ¹	Huerfano
Bartlett	Baca	Conejos ¹	Conejos	Firestone ¹	Weld
Barr Lake ¹	Adams	Cope ²	Washington	Firstview ¹	Cheyenne
'Basalt ²	Eagle	Copper Spur	Eagle	Fitzsimons ²	Adams
Battle Creek ¹	Routt	Cornish ¹	Weld	Flagler ²	Kit Carson
'Bayfield ²	La Plata	Cortez ²	Montezuma	Fleming ²	Logan
Bear River ¹	Routt	Cory ¹	Delta	Florissant ¹	Teller
Bedrock ¹	Montrose	Cotopaxi ¹	Fremont	Floyd Hill	Clear Creek
Beecher Island	Yuma	Cowdrey ¹	Jackson	Flues ¹	Las Animas
Bellvue ¹	Larimer	Cragmor	El Paso	Fondis ¹	Elbert
Bennett ²	Adams	Crawford ²	Delta	Forder ¹	Lincoln
Berthoud ²	Larimer	'Creede ²	Mineral	Fort Garland ¹	Costilla
Berwind ²	Las Animas	'Crested Butte ²	Gunnison	Fort Logan ²	Arapahoe
Bethune ¹	Kit Carson	Crestone ¹	Saguache	Fort Lyon ²	Bent
Beulah ¹	Pueblo	Critchell	Jefferson	Fosston ¹	Weld
Blackhawk ²	Gilpin	Crook ²	Logan	Fountain ²	El Paso
Blaine ¹	Baca	Cross Mountain ¹	Moffat	'Fowler ²	Otero
Blanca ²	Costilla	Crossons	Jefferson	Foxton ¹	Jefferson
Bloom ¹	Otero	Crowley ¹	Crowley	Franktown ¹	Douglas
Bonanza ²	Saguache	Cuchara Camps	Huerfano	Fraser ²	Grand
Boncarbo ¹	Las Animas	Cumbres ¹	Conejos	Frederick ²	Weld
Boone ²	Pueblo	Dacona ¹	Weld	Frisco ¹	Summit
Bovina ¹	Lincoln	Dailey ¹	Logan	'Fruita ²	Mesa
Bowie ¹	Delta	Daleros ¹	Las Animas	Galatea ¹	Kiowa
Boyer ¹	Lincoln	'De Beque ²	Mesa	Galeton ¹	Weld
Brandon ¹	Kiowa	'Deekers ¹	Douglas	Garcia ¹	Costilla
Branson ²	Las Animas	Deepcreek ¹	Routt	Gardner ¹	Huerfano
'Breckenridge ²	Summit	Deertrail ¹	Arapahoe	Garfield	Chaffee
Breen ¹	La Plata	Delagua ²	Las Animas	Garol	Park
Briggsdale ²	Weld	Delcarbon ¹	Huerfano	Gary ¹	Morgan
'Bristol ²	Prowers	Delhi ¹	Las Animas	Gateway ¹	Mesa
Brodhead ¹	Las Animas	De Nova ¹	Washington	Genoa ²	Lincoln
Brook Forest	Jefferson	Deora ¹	Baca	'Georgetown ²	Clear Creek
Brookvale ¹	Clear Creek	Derby ¹	Adams	Gilcrest ¹	Weld
Broomfield ¹	Boulder	Dicks	Las Animas	Gill ¹	Weld
Buckingham ²	Weld	Dillon ¹	Summit	Gilman ²	Eagle
'Buena Vista ²	Chaffee	Divide ¹	Teller	Glade Park ¹	Mesa
Buffalo Creek ¹	Jefferson	Dolores ²	Montezuma	Glendevy	Larimer

Post Office	County	Post Office	County	Post Office	County
Glen Haven	Larimer	*Kiowa ²	Elbert	Montezuma ¹	Summit
Goldfield ²	Teller	Kirk ²	Yuma	Monument ¹	El Paso
Gold Hill ¹	Boulder	Kit Carson ²	Cheyenne	Morapots	Rio Blanco
Goodrich ¹	Morgan	Kittredge ¹	Jefferson	Morley ¹	Las Animas
Gordon ¹	Huerfano	Kline ¹	La Plata	Mosca ¹	Alamosa
Gorham ¹	Boulder	Koenig	Weld	Mount Harris ²	Routt
Gowanda ¹	Weld	Kokomo ²	Summit	Mount Morrison ²	Jefferson
Graft ¹	Baca	Kremmling ²	Grand	Mount Princeton Hot	
*Granada ¹	Prowers	Kutch ¹	Elbert	Springs	Chaffee
Granby ²	Grand	La Boca	La Plata	Mustang ¹	Huerfano
Grand Lake ²	Grand	*Lafayette ²	Boulder	Mystic ¹	Routt
Grand Mesa	Delta	La Garita ¹	Saguache	Nathrop ¹	Chaffee
Grand Valley	Garfield	Laird ¹	Yuma	Naturita ²	Montrose
Granite ¹	Chaffee	La Jara ²	Conejos	Nederland ²	Boulder
Great Divide ¹	Moffat	Lake City ²	Hinsdale	*New Castle ²	Garfield
Green Knoll ¹	Lincoln	Lake George ¹	Park	New Raymer ²	Weld
Greenland ¹	Douglas	Laplata ¹	La Plata	Ninaview ¹	Bent
Green Mountain Falls ¹		Laporte ¹	Larimer	Niwot ¹	Boulder
	El Paso	Larkspur ¹	Douglas	North Avondale ¹	Pueblo
Greystone	Moffat	La Salle ²	Weld	Northdale ¹	Dolores
Grover ²	Weld	Lascar ¹	Huerfano	North Veta	Huerfano
Guffey ¹	Park	La Veta ²	Huerfano	Norwood ²	San Miguel
Gulnare ¹	Las Animas	Lawson ¹	Clear Creek	Nucla ²	Montrose
Gypsum ²	Eagle	Lay ¹	Moffat	Nunn ²	Weld
Hahns Peak ¹	Routt	Lazar ²	Delta	*Oakview ²	Huerfano
Hale ¹	Yuma	Leader ¹	Adams	Officer ¹	Las Animas
Hamilton ¹	Moffat	Lebanon ¹	Montezuma	Ohio ¹	Gunnison
Hardin ¹	Weld	Leonard ¹	San Miguel	Oklardo ¹	Baca
Harrisburg ¹	Washington	Lewis ¹	Montezuma	*Olathe ²	Montrose
Hartman ²	Prowers	Lily	Moffat	Oleson ¹	Adams
Hartsell ¹	Park	Lime ¹	Pueblo	Olney Springs ²	Crowley
Hastings ²	Las Animas	² Lindland ¹	Jackson	Ophir ¹	San Miguel
Hasty ¹	Bent	Lindon ¹	Washington	Orchard ²	Morgan
Haswell ²	Kiowa	Livermore ¹	Larimer	Ordway ²	Crowley
Haybro	Routt	Lodore ¹	Moffat	Ortiz ¹	Conejos
Hayden ²	Routt	Logcabin ¹	Larimer	Otis ²	Washington
Heartstrong ²	Yuma	Loma ²	Mesa	*Ouray ²	Ouray
Henderson ¹	Adams	³ Longs Peak ¹	Larimer	Ovid ¹	Sedgwick
Hereford ¹	Weld	² Longview ¹	Jefferson	Oxford ¹	La Plata
Hesperus ¹	La Plata	Loretto ¹	Arapahoe	Padroni ¹	Logan
Highmore ¹	Garfield	*Louisville ²	Boulder	Pagoda ¹	Routt
Higbo ¹	Jackson	Louviers ¹	Douglas	Pagosa Junction ¹	Archuleta
Hillrose ²	Morgan	Loyd ¹	Moffat	*Pagosa Springs ²	Archuleta
Hillside ¹	Fremont	Lucerne ¹	Weld	Palmer Lake ¹	El Paso
Hill Top ¹	Douglas	Ludlow ²	Las Animas	Pando ¹	Eagle
Hoehne ¹	Las Animas	Lycan ¹	Baca	Paoli ¹	Phillips
Home ¹	Larimer	*Lyons ²	Boulder	Paradox ¹	Montrose
Homelake ¹	Rio Grande	McClave ¹	Bent	Parkdale ¹	Fremont
Hooper ²	Alamosa	McCoy ¹	Eagle	Parker ¹	Douglas
Hoopup ¹	Las Animas	McElmo ¹	Montezuma	Parlin ¹	Gunnison
*Hotchkiss ²	Delta	McGregor ¹	Routt	Parshall ¹	Grand
Hot Sulphur Springs ²	Grand	McPhee ²	Montezuma	Fatt ¹	Las Animas
Howard ¹	Fremont	*Mack ²	Mesa	Paulus	Jackson
Howardsville ¹	San Juan	Maher ¹	Montrose	Pawnee ¹	Morgan
Howbert ¹	Park	Maitland ¹	Huerfano	Peaceful Valley ³	Boulder
Hoyt ¹	Morgan	Malta ¹	Lake	Peckham ¹	Weld
Hudson ²	Weld	Manassa ²	Conejos	Peetz ²	Logan
*Hughes ²	Yuma	*Mancos ²	Montezuma	Penrose ²	Fremont
*Hugo ²	Lincoln	*Manzanola ²	Otero	Pershing ¹	Routt
Hyde ¹	Washington	*Marble ²	Gunnison	Peyton ¹	El Paso
Hydrate	Routt	Marshall Pass	Saguache	Phippsburg ¹	Routt
Hygiene ¹	Boulder	Martin ¹	Grand	Pictou ¹	Huerfano
Idalia ¹	Yuma	*Marvine ¹	Rio Blanco	Pierce	Weld
Ignacio ²	La Plata	Masonville ¹	Larimer	Pikeview ¹	El Paso
Iliff ¹	Logan	Massadona ¹	Moffat	Pine ¹	Jefferson
Independence ²	Teller	Masters ¹	Weld	Pinecliffe ¹	Boulder
*Indian Hills	Jefferson	Matheson ²	Elbert	Pinnacle ¹	Routt
Iola ¹	Gunnison	Maybell ¹	Moffat	Pinneo ¹	Washington
Ione	Weld	Mead ¹	Weld	Pitkin ¹	Gunnison
Jamestown ¹	Boulder	Meredith ¹	Pitkin	Placerville ¹	San Miguel
Jarosa ¹	Costilla	Merino ²	Logan	Placita	Pitkin
Jefferson ¹	Park	Mesa ²	Mesa	Plainview ¹	Jefferson
Joes ¹	Yuma	*Mesa Verde National		*Plateau City ²	Mesa
Johnstown ²	Weld	Park ¹	Montezuma	Platner ¹	Washington
Juniper Springs	Moffat	Mesita ¹	Costilla	Platteville ²	Weld
Kalou	Weld	Messex ¹	Washington	Plum Valley ¹	Las Animas
Karval ¹	Lincoln	Mildred ¹	Yuma	Poncha Springs ²	Chaffee
Kauffman ²	Weld	Milliken ¹	Weld	Portland ²	Fremont
Kazan ¹	Las Animas	Milner ¹	Routt	Powderhorn ¹	Gunnison
Keenesburg ²	Weld	Mindeeman ¹	Otero	Price Creek ¹	Moffat
Kendrick ¹	Lincoln	Mineral Hot Springs ¹		Primerio ¹	Las Animas
Keota ¹	Weld		Saguache	Pritchett ²	Baca
Kersey ²	Weld	Minturn ²	Eagle	Proctor ¹	Logan
Keyser ¹	Elbert	Model ¹	Las Animas	Prowers ¹	Bent
Kim ¹	Las Animas	Moffat ¹	Saguache	Pryor ¹	Huerfano
Kings Canyon	Jackson	Molina ¹	Mesa	Purcell ¹	Weld

Post Office	County	Post Office	County	Post Office	County
Pyramid	Rio Blanco	Silamo ¹	Pueblo	³ Troutville ¹	Eagle
Radium ¹	Grand	Silt ²	Garfield	Troy	Las Animas
Ragged Mountain	Gunnison	Silver Cliff ¹	Custer	Trump	Park
Rago ¹	Washington	Silver Plume ²	Clear Creek	Tungsten ²	Boulder
Ramah ²	El Paso	⁴ Silverton ²	San Juan	Turret ¹	Chaffee
Rand ¹	Jackson	Simla ¹	Elbert	Tyrone	Las Animas
Rangely ¹	Rio Blanco	Simpson ¹	Adams	Twin Lakes ¹	Lake
Rapson	Las Animas	Sinbad	Montrose	Two Buttes ¹	Baca
Rattlesnake Butte	Huerfano	Skull Creek	Moffat	Ute ¹	Montrose
Raven ¹	Garfield	Skyway	Mesa	Uteyville ¹	Baca
Ravenwood	Huerfano	Slater ¹	Moffat	Valdez ²	Las Animas
Read ¹	Delta	Sligo ¹	Weld	Valleroso ¹	Las Animas
Redcliff ²	Eagle	Sloss	Eagle	Vanadium ¹	San Miguel
Red Feather Lakes ²	Larimer	Sneffels ¹	Ouray	Vernon ¹	Yuma
Red Lion ¹	Logan	Snowmass ¹	Pitkin	Veta Pass ¹	Costilla
Redmesa ¹	La Plata	Snyder ¹	Morgan	Villas ¹	Baca
Redstone	Pitkin	Somerses ²	Gunnison	Villagrove ¹	Saguache
Redvale ¹	Montrose	Sopris ²	Las Animas	Villagreen ¹	Las Animas
Redwing ¹	Huerfano	South Fork ¹	Rio Grande	Vim	Weld
Richards ¹	Baca	South Platte ²	Jefferson	Virginia Dale ¹	Larimer
Rico ²	Dolores	Spicer	Jackson	Vona ²	Kit Carson
Ridge ¹	Jefferson	Spivak	Jefferson	Vroman ¹	Otero
⁴ Ridgway ²	Ouray	Starbuck	Jefferson	Wages ¹	Yuma
Rifle	Garfield	Starkville	Las Animas	⁵ Wagon Wheel Gap ¹	Mineral
Riland	Garfield	Stillwater ²	Grand	Waitley	Washington
Rio Blanco ¹	Rio Blanco	Stone City ¹	Pueblo	Walden ²	Jackson
River Bend ¹	Elbert	Stoneham ²	Weld	Walsen ²	Huerfano
Roach	Larimer	Stoner	Montezuma	Walsh ¹	Baca
Rockvale ¹	Fremont	Stonington ²	Baca	Ward ²	Boulder
Rockwood ¹	La Plata	Strasburg ²	Arapahoe	Watkins ¹	Adams
Rodley ¹	Baca	⁴ Stratton ²	Kit Carson	Waunita Hot Springs	Gunnison
Roggen ¹	Weld	Strontia Springs	Douglas	Weldona ²	Morgan
Rollinsville ¹	Gilpin	Sugar City ²	Crowley	Wellington ²	Larimer
Romeo ¹	Conejos	Sugar Loaf ¹	Boulder	⁴ Westcliffe ²	Custer
Rosita ¹	Custer	Sunbeam ¹	Moffat	Westminster ¹	Adams
Routt	Routt	Superior ¹	Boulder	Weston ²	Las Animas
Ruedi ¹	Eagle	Swallows ¹	Pueblo	West Plains ¹	Logan
Rugby ¹	Las Animas	Swink ²	Otero	West Portal ²	Grand
Rush ¹	El Paso	Tabernash ²	Grand	Wetmore ¹	Custer
Russell	Costilla	Tacoma ¹	La Plata	Wheatridge ²	Jefferson
Russell Gulch ¹	Gilpin	Tacony ¹	El Paso	Whitewater ¹	Mesa
⁴ Rye ¹	Pueblo	Tarryall ¹	Park	⁴ Wiggins ²	Morgan
Saguache ²	Saguache	Tennessee Pass ¹	Lake	Wild Horse ²	Cheyenne
Saint Elmo ¹	Chaffee	Tercio ¹	Las Animas	Wilds	Larimer
Sams	San Miguel	Texas Creek	Fremont	Wiley ²	Prowers
San Acacio ²	Costilla	Thatcher ¹	Las Animas	Willard ¹	Logan
Sanford ¹	Conejos	Thornburg ¹	Rio Blanco	⁴ Windsor ²	Weld
San Luis ²	Costilla	Thurman ¹	Washington	Wolcott ¹	Eagle
San Pablo ¹	Costilla	Tiffany ¹	La Plata	Woodland Park ¹	Teller
Sapinero ¹	Gunnison	Tigiwon	Eagle	Woodman ²	El Paso
Sargents ¹	Saguache	Tiger ¹	Summit	Woodrow ¹	Washington
Sedalia ¹	Douglas	Timnath ¹	Larimer	Woody Creek ¹	Pitkin
Sedgewick ³	Sedgwick	Timpas ¹	Otero	Wormington	Las Animas
⁴ Segundo ²	Las Animas	Tioga ¹	Huerfano	Yampa ²	Routt
Seibert ¹	Kit Carson	Tobe ¹	Las Animas	Yellow Jacket ¹	Montezuma
Serene ¹	Weld	Tolland ¹	Gilpin	Yoder ¹	El Paso
Severence ¹	Weld	Tollerburg ¹	Las Animas	Youghal	Moffat
Sharpdale	Huerfano	Toltec ¹	Huerfano		
Shavano	Chaffee	Toponas ¹	Routt		
Shaw ¹	Lincoln	Towac ¹	Montezuma		
Shawnee ¹	Park	Towner ²	Kiowa		
Sheephorn ¹	Eagle	Trappers Lake ³	Garfield		
Sheridan Lake ¹	Kiowa	Trinchera ¹	Las Animas		
Sidney ¹	Routt	Troublesome ¹	Grand		
Sigman ¹	Adams	Trout Creek	Routt		

¹ Money Order Offices.

² International Money Order Offices.

³ Summer Offices.

⁴ Postal Savings Depositories.

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.

**OUTSTANDING COUNTY, SCHOOL DISTRICT AND MUNICIPAL BONDS, BY COUNTIES,
JANUARY 1, 1930**

COUNTY	County General	County School	School District	Municipal			Total Bonds
				General†	Special	Total	
Adams			\$ 525,800	\$ 629,250	\$ 194,000	\$ 823,250	\$ 1,349,050
Alamosa	\$ 47,000		274,000	217,000	21,000	238,000	559,000
Arapahoe			535,000	192,500	757,000	949,500	1,484,500
Archuleta			89,700	17,500		17,500	107,200
Baca	20,000		204,650	104,000		104,000	328,650
Bent		\$ 15,000	68,600		95,500	95,500	179,100
Boulder			665,300	*804,000	699,500	1,503,500	2,168,800
Chaffee	135,000		117,000	145,000	6,100	151,100	403,100
Cheyenne		100,000	157,000	82,000		82,000	339,000
Clear Creek				25,000		25,000	25,000
Conejos	19,800		259,000	90,300		90,300	369,100
Costilla			88,400				88,400
Crowley			468,500	91,000	1,140	92,140	560,640
Custer		22,000	8,500				30,500
Delta	15,000		366,500	*509,000	66,000	575,000	956,500
Denver			10,002,000	21,649,600	9,364,300	31,013,900	41,015,900
Dolores	80,000		19,000	2,500		2,500	101,500
Douglas			3,500	49,500		49,500	53,000
Eagle			37,300	37,500	4,000	41,500	78,800
Elbert			127,700	31,300		31,300	159,000
El Paso			1,635,500	3,923,500	371,600	4,296,100	5,930,600
Fremont			529,000	625,000	362,800	987,800	1,516,800
Garfield	204,500	26,000	383,270	*439,000	32,500	471,500	1,085,270
Gilpin				77,500		77,500	77,500
Grand			25,000	28,500		28,500	53,500
Gunnison	156,000	150,000	245,000	*158,800	*32,000	190,800	741,800
Hinsdale	131,300			12,000		12,000	143,300
Huerfano		65,116	80,224	375,000	352,000	727,000	872,340
Jackson	8,000			15,000		15,000	23,000
Jefferson			550,600	301,500	284,673	586,173	1,136,773
Kiowa			156,800	69,000		69,000	225,800
Kit Carson			321,100	*395,000	49,300	444,300	765,400
Lake							
La Plata	64,000		250,800	*555,600	140,300	695,900	1,010,700
Larimer	175,000		1,067,000	2,065,500	730,350	2,795,850	4,037,850
Las Animas			429,000	1,254,600	725,000	1,979,600	2,408,600
Lincoln	90,000		263,800	98,200	33,000	131,200	485,000
Logan	14,500	67,000	551,000	*957,700	270,000	1,227,700	1,860,200
Mesa	150,000		777,850	924,450	570,800	1,495,250	2,423,100
Mineral				15,000		15,000	15,000
Moffat	32,000		85,300	53,000	6,500	59,500	176,800
Montezuma			109,700	112,500	14,000	126,500	236,200
Montrose	166,444	38,000	192,900	298,300	27,000	325,300	722,644
Morgan			759,150	†424,000	306,000	730,000	1,489,150
Otero			661,400	858,500	246,000	1,104,500	1,765,900
Ouray	68,000		11,200	10,000		10,000	89,200
Park			20,000				20,000
Phillips	30,000	60,000	221,500	248,000	70,500	318,500	630,000
Pitkin	135,000			71,800		71,800	206,800
Prowers			480,300	*996,000	153,400	1,149,400	1,629,700
Pueblo	40,000		1,612,800	575,000	3,520,300	4,095,300	5,748,100
Rio Blanco		75,000	47,000	49,200		49,200	171,200
Rio Grande	8,000	117,480	398,865	86,700	28,000	114,700	639,045
Routt	94,000		249,500	*172,500	50,500	223,000	566,500
Saguache			248,500	51,000		51,000	299,500
San Juan	51,000		42,000				93,000
San Miguel	6,900		37,800				44,700
Sedgwick		213,000	253,100	273,000	11,000	284,000	750,100
Summit			35,000	26,000		26,000	61,000
Teller				347,800		347,800	347,800
Washington			205,000	140,000	43,000	183,000	388,000
Weld			2,668,850	*1,107,500	249,550	1,357,050	4,025,900
Yuma			410,200	251,500	79,300	330,800	741,000
State	\$1,941,444	\$ 948,596	\$30,033,459	\$43,120,100	\$19,967,913	\$63,088,013	\$96,011,512

*Where 1930 reports were not received, 1929 figures are used.

NOTE—In addition to the bonds shown here, the total of state bonds outstanding January 1, 1930, was \$9,765,300. There is also outstanding against the counties in the Moffat Tunnel district bonds in the sum of \$15,470,000. This table does not include bonds issued by drainage or municipal irrigation districts, nor does it make any allowance for reserves or sinking funds for bond retirement. The amount actually outstanding is shown, and in many cases is partially offset by sinking funds.

†The total amount shown includes municipal bonds payable from revenues of light plants, as follows: Colorado Springs, \$616,000; Loveland, \$125,000; Haxtun, \$15,000.

Includes \$96,800 assumed by the Public Service Company of Colorado. The total shown above compares with \$97,768,000 in 1927 and \$97,029,676 in 1929.

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 data showing the average retail prices on 42 articles of food at regular intervals. The aggregate cost of one unit of each of these articles for the United States on October 15, 1929, based on the average retail price, was \$10.93. The aggregate cost of one unit of each of the same articles in Denver on the same date at the average retail price quoted by the department was \$9.86, or \$1.07 less than the average price for the United States. In other words, the average retail price of the 42 articles of food was 9.8 per cent less in Denver on October 15, 1929, than in the United States as a whole. This lower cost in Denver on the date named may not be credited to any temporary conditions, for on the same date in 1928, the aggregate price of one unit of the articles was \$11.54 for the United States and \$10.52 for Denver, a difference of \$1.02, or 8.9 per cent. Furthermore, the increase in the retail cost of food in Denver on October 15, 1929, as compared with the same date in 1913, was only 43.6 per cent, or the smallest increase as a result of the war inflation of any of 37 cities in the United States with which comparisons were made, with one exception. In other words, in the period from 1913 to 1929, inclusive, 36 cities showed a greater increase in the cost of food than Denver and only one showed a smaller increase. Against Denver's increase of 43.6 per

cent, 21 cities showed increases in excess of 60 per cent.

The average Denver retail price of bituminous coal, of prepared sizes, as reported by the same agency on October 15, 1929, was \$10.31 per ton.

The net price per 1,000 cubic feet of natural gas in Denver based on a family consumption of 5,000 cubic feet in the month of December, 1929, was 99 cents. This compares with 75 cents in Cincinnati; 60 cents in Cleveland; 48 cents in Columbus; 79 cents in Dallas; 95 cents in Kansas City; 45 cents in Louisville; 60 cents in Pittsburg and 99 cents in Salt Lake City. Pueblo and other cities in Colorado using natural gas generally have the same rates as Denver.

The net price per kilowatt-hour for electricity for household use in Denver is 7.0 cents for first 15 kilowatt-hours, 6.0 cents for the next 30 kilowatt-hours, and 5.0 cents for excess of 45 kilowatt-hours. Comparisons with other cities are difficult to make due to many cities having sliding scales based on a variable number of kilowatt-hours payable at each rate.

The Colorado industrial commission made a detailed study of changes in the cost of living in Denver covering the period of 1914 to 1926, inclusive. The purpose of this study was to determine the "minimum or comfort-level budget necessary for the theoretical family of five consisting of the so-called 'wage-earner,' the mother and three children of school age." The estimates were based on the current retail prices of the individual items composing the budget, which were gathered at weekly or monthly intervals. No similar data has been compiled by the commission since 1926. The 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
Total	\$739.12	\$1,245.16	\$1,197.78

An accompanying table shows the average retail prices of food products in the United States on October 15 for the years 1913, 1926, 1928 and 1929, with the average retail prices of the same articles in Denver on the same dates. Another table shows the average prices of food products by groups in the United States and 18 typical

cities on October 15, 1929. Another table shows the changes in the cost of living in 13 cities from December, 1917, to December, 1929, and a chart shows the aggregate cost of one unit each (pound, dozen or can) of all articles listed, in 18 cities of the United States on October 15, 1929.

CHANGES IN COST OF LIVING IN 13 CITIES, DECEMBER, 1917, TO DECEMBER, 1929, AS REPORTED BY THE 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	*6.8	7.9	51.1	29.2	16.0	38.7	16.1
Atlanta	0.1	*0.6	35.9	31.6	14.1	34.2	13.5
Birmingham	*2.8	*5.0	40.8	38.8	10.5	27.2	11.8
Cincinnati	4.5	*6.4	56.7	70.9	13.1	51.2	23.1
Indianapolis	2.0	2.4	27.9	31.0	11.7	52.0	18.8
Kansas City.....	*2.2	1.8	20.1	23.9	3.4	36.9	11.7
Memphis	*5.1	*0.1	40.6	55.3	13.9	38.6	16.5
Minneapolis	3.9	*2.8	25.2	44.3	10.9	36.6	16.2
New Orleans.....	*1.8	12.6	51.3	18.1	15.7	45.8	18.8
Pittsburgh	1.2	2.1	67.1	86.0	14.6	47.5	23.2
Richmond	*3.4	4.2	27.0	44.7	31.3	41.0	14.9
St. Louis.....	*0.5	0.8	68.2	33.4	16.2	44.2	21.7
Scranton	6.5	13.7	63.9	67.6	26.0	57.3	27.3

*Decrease.

AVERAGE PRICE, IN CENTS PER POUNDS, OF GROUPS OF COMMODITIES SPECIFIED, IN THE UNITED STATES AND EIGHTEEN TYPICAL CITIES ON OCTOBER 15, 1929, AS REPORTED BY THE UNITED STATES DEPARTMENT OF LABOR.

	Sirloin, and round steaks, rib and chuck roasts, plate beef, pork chops, bacon, ham, leg of lamb and hens	Butter, oleomargarine, cheese and lard	Bread, flour, corn meal and rice	Navy beans, potatoes, onions and cabbage, and canned corn, peas, tomatoes, and baked beans	Fresh eggs (Doz.)	Sugar (Granulated)
United States....	39.7	34.7	7.5	10.6	58.0	6.7
Denver	35.4	32.8	6.3	9.7	53.3	7.4
Atlanta	39.8	35.1	7.7	11.7	54.2	7.2
Birmingham	39.2	35.5	7.3	11.4	53.0	7.0
Butte	36.3	*37.6	8.1	10.1	60.0	7.7
Chicago	41.6	35.0	7.8	10.7	56.9	6.5
Columbus	41.2	33.5	7.0	10.1	51.8	7.2
Dallas	40.0	35.9	7.4	12.5	52.3	7.2
Detroit	40.6	34.2	7.4	9.8	57.3	7.0
Indianapolis	40.3	35.4	7.1	10.6	54.4	7.2
Kansas City.....	38.0	33.6	7.3	10.9	47.0	7.1
Los Angeles.....	41.3	34.9	7.2	10.7	58.8	6.4
Minneapolis	37.0	33.9	7.5	10.3	47.4	7.0
Omaha	38.2	32.8	7.1	10.7	44.8	7.0
Pittsburgh	43.0	35.9	7.7	10.9	60.7	7.0
Portland, Ore....	36.7	35.4	7.6	11.3	53.9	6.9
St. Louis.....	38.6	33.3	7.1	9.9	49.3	6.8
Salt Lake City...	37.4	33.2	7.1	9.7	55.7	7.2
Seattle	39.2	34.2	7.7	11.2	59.0	6.6

*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			
		1913	1926	1928	1929	1913	1926	1928	1929
Sirloin steak-----	lb.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
Round steak-----	"	25.7	41.5	50.3	42.1	23.9	33.6	43.1	50.3
Rib roast-----	"	23.1	36.0	44.6	37.4	21.4	30.2	39.9	44.5
Chuck roast-----	"	20.0	30.5	36.8	30.1	17.5	24.0	31.7	37.0
Plate beef-----	"	16.4	22.8	30.2	26.1	15.8	12.5	27.2	30.0
	"	12.3	14.6	20.8	17.1	10.0	11.1	17.5	21.0
Pork chops-----	"	22.6	42.6	37.6	38.4	20.8	40.6	36.5	38.9
Bacon-----	"	27.8	51.7	45.3	42.2	28.0	53.3	44.9	43.7
Ham (sliced)-----	"	27.6	59.8	55.6	53.3	31.7	60.8	54.5	55.1
Lamb-----	"	18.4	38.3	38.8	36.1	14.6	35.8	36.6	38.5
Hens-----	"	21.2	37.6	37.9	31.3	19.4	29.8	31.6	38.4
Salmon, canned*-----	"	---	35.6	32.6	33.2	---	34.5	33.6	31.9
Milk, fresh-----	qt.	9.0	14.0	14.2	12.0	8.4	12.0	12.0	14.4
Milk, evaporated-----	†	---	11.4	11.3	9.9	---	10.7	10.7	10.6
Butter-----	lb.	33.2	54.3	57.5	49.3	39.0	49.0	52.5	55.7
Oleomargarine-----	"	---	30.2	27.6	24.5	---	29.0	25.0	27.0
Cheese-----	"	22.4	36.7	38.8	39.0	26.1	37.4	40.7	37.9
Lard-----	"	16.0	21.9	19.5	18.4	16.1	22.6	19.6	18.3
Vegetable lard substitute-----	"	---	25.7	24.9	20.9	---	24.3	21.8	24.7
Eggs, strictly fresh-----	doz.	41.6	58.1	54.2	53.3	37.1	55.6	49.9	58.0
Bread-----	lb.	5.6	9.4	9.1	7.6	5.5	8.3	7.7	8.9
Flour-----	"	3.3	5.7	5.2	3.9	2.6	4.5	4.0	5.2
Corn meal-----	"	3.1	5.1	5.3	4.6	2.6	4.0	4.5	5.3
Rollod oats-----	"	---	9.1	8.9	7.6	---	8.3	7.5	8.8
Corn flakes-----	‡	---	10.9	9.5	9.5	---	11.1	9.5	9.5
Wheat cereal-----	§	---	25.4	25.6	24.6	---	24.9	24.6	25.5
Macaroni-----	lb.	---	20.2	19.7	19.4	---	19.7	19.4	19.7
Rice-----	"	8.1	11.6	9.9	8.9	8.6	10.6	8.9	9.7
Beans, navy-----	"	---	9.1	12.5	13.1	---	9.6	11.4	14.2
Potatoes-----	"	1.8	3.8	2.2	3.0	1.4	3.3	1.5	3.8
Onions-----	"	---	5.0	6.1	4.4	---	3.7	4.7	5.3
Cabbage-----	"	---	4.0	4.3	3.5	---	2.4	2.1	4.5
Beans, baked-----	||	---	11.7	11.6	11.6	---	11.4	11.4	11.7
Corn, canned-----	"	---	16.3	15.8	14.1	---	14.8	13.9	15.8
Peas, canned-----	"	---	17.4	16.7	15.3	---	15.8	15.0	16.7
Tomatoes, canned-----	"	---	12.1	11.8	12.9	---	12.1	11.8	12.6
Sugar, granulated-----	lb.	5.5	7.2	6.9	7.4	5.4	7.6	7.3	6.7
Tea-----	"	54.5	77.3	77.3	70.2	52.8	69.3	70.0	77.6
Coffee-----	"	29.7	50.9	49.6	50.1	29.4	51.0	50.0	49.1
Prunes-----	"	---	16.9	13.8	19.6	---	18.3	14.4	17.0
Raisins-----	"	---	14.8	12.4	12.1	---	14.5	11.0	12.2
Oranges-----	doz.	---	56.0	64.3	37.2	---	50.3	62.0	44.9
Bananas-----	"	---	34.9	33.1	‡11.1	---	---	10.8	32.5

*Both pink and red.
†15-16 ounce can.

‡8-ounce package.
§28-ounce package.

||No. 2 can.
‡Per lb.

**COMPARATIVE AGGREGATE COST OF ONE UNIT EACH OF 42 ARTICLES
OF FOOD IN THE UNITED STATES AND 18 CITIES AT AVERAGE
PRICES ON OCTOBER 15, 1929.**

United States		\$10.90
Denver		9.86
Atlanta		11.32
Birmingham		11.21
Butte		10.39*
Chicago		11.12
Columbus		11.10
Dallas		11.58
Detroit		10.93
Indianapolis		11.11
Kansas City		10.59
Los Angeles		10.87
Minneapolis		10.21
Omaha		10.41
Pittsburg		11.60
Portland, Ore.		10.38
St. Louis		10.52
Salt Lake City		10.35
Seattle		10.65

* Oleomargarine Not Quoted.

MEMBERSHIP IN ORGANIZATIONS

The membership in some of the more prominent fraternal and benevolent organizations in the state is as follows:

The Masons had 147 lodges with a membership of 33,264 in 1928. This compares with 147 lodges and 32,729 members in 1927 and 140 lodges and 30,251 members in 1925.

The Benevolent and Protective Order of Elks had an average membership of 16,267 in the state in 1929.

The number of councils of the Knights of Columbus in the state in July, 1930, was 27. The total member-

ship, including insurance and associate members, was 4,582.

The Boy Scouts of America had a membership of 5,884 in Colorado on Jan. 1, 1929. This compares with 4,972 on the same date in 1928.

The Young Men's Christian Association has 13 associations in the state, including three student associations, with a membership of 10,201 men and boys, of whom 4,936 are in Denver.

The Young Women's Christian Association has six associations in the state, in Denver, Boulder, Colorado Springs, Grand Junction, Fort Collins and Pueblo, with a membership in excess of 3,000, including approximately 400 high school girls' reserves.

MARRIAGES AND DIVORCES IN COLORADO BY YEARS

(From the Bureau of Census Reports)

	Marriages		Divorces	
	United States	Colorado	United States	Colorado
Reported in 1916.....	1,040,684	9,071	112,036	1,061
Reported in 1922.....	1,134,151	11,456	148,815	2,075
Reported in 1923.....	1,229,784	12,077	165,096	2,278
Reported in 1924.....	1,184,574	11,972	170,952	2,118
Reported in 1925.....	1,188,334	11,602	175,449	2,243
Reported in 1926.....	1,202,574	11,957	180,853	2,288
Reported in 1927.....	1,201,053	11,969	192,037	2,370
Reported in 1928.....	1,182,497	12,065	195,939	2,362
Increase 1922 over 1916.....	52,789	2,287	34,980	1,005
Increase 1923 over 1922.....	95,633	621	16,281	203
Increase 1924 over 1923.....	-45,210	-105	5,856	-160
Increase 1925 over 1924.....	3,760	-370	4,497	125
Increase 1926 over 1925.....	14,240	355	5,404	45
Increase 1927 over 1926.....	-1,521	12	11,184	92
Increase 1928 over 1927.....	-18,556	96	3,902	-8
Per cent increase 1922 over 1916.....	5.1	25.2	31.2	94.7
Per cent increase 1923 over 1922.....	8.4	5.4	10.9	12.2
Per cent increase 1924 over 1923.....	-3.7	-0.9	3.6	-7.0
Per cent increase 1925 over 1924.....	0.3	-3.1	2.6	5.9
Per cent increase 1926 over 1925.....	1.2	3.1	3.1	2.0
Per cent increase 1927 over 1926.....	-0.1	0.1	6.2	4.1
Per cent increase 1928 over 1927.....	-1.5	0.8	2.0	-0.3
Number per 1,000 population, 1916...	10.68	.....	1.13	1.22
Number per 1,000 population, 1922...	10.32	11.65	1.35	2.11
Number per 1,000 population, 1923...	11.01	12.06	1.48	2.28
Number per 1,000 population, 1924...	10.42	11.70	1.50	2.07
Number per 1,000 population, 1925...	10.30	11.16	1.52	2.16
Number per 1,000 population, 1926...	10.27	11.29	1.54	2.16
Number per 1,000 population, 1927...	10.12	11.14	1.62	2.21
Number per 1,000 population, 1928...	9.85	11.07	1.63	2.17

- Minus sign denotes decrease.

THE MOFFAT TUNNEL

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.

The Moffat Tunnel Commission is composed of W. N. W. Blayney, Herbert Fairall and George P. Schumacker, all of Denver; Charles H. Leckenby of Steamboat Springs, and Charles H. Wheeler of Yampa. The members of the commission are appointed by the governor.

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

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

The pioneer tunnel was officially "holed" through on February 18, 1927, the blast of dynamite being set off by President Coolidge upon pressing a key in Washington, and the program being broadcasted to the country by radio from the heart of the mountain. This tunnel is under lease for a nominal rental to the city of Denver, which is maintaining it with a view of using it for water transportation purposes. The railroad tunnel was "holed" through on July 7, 1927, and formally turned over completed to the lessee on February 26, 1928. The railway tunnel has been leased to the Denver & Salt Lake Railway company for 50 years. This lease is at present involved in litigation. Projected railroad connections through the tunnel will shorten the distance between Denver and the Pacific coast by 176 miles.

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

MARITAL CONDITIONS OF COLORADO POPULATION IN 1920, 1910 AND 1900
(Bureau of the Census)

		Males 15 Years of Age and Over								
		Total	Single		Married		Widowed		Divorced	
			Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
United States--	(1920)			35.1	59.2		4.8		0.6	
United States--	(1910)			38.7	55.8		4.5		0.5	
United States---	(1900)			40.2	54.5		4.6		0.3	
Colorado -----	(1920)	350,813	123,473	35.2	200,800	57.2	17,592	5.0	4,378	1.2
Colorado -----	(1910)	315,422	129,823	41.2	167,799	53.2	13,457	4.3	2,782	0.9
Colorado -----	(1900)	213,157	93,891	44.0	105,902	49.7	8,903	4.2	1,178	0.6
Denver -----	(1920)	104,850	37,498	35.8	55,768	53.2	5,749	5.5	1,884	1.8
Denver -----	(1910)	82,690	32,045	38.8	45,541	55.1	3,482	4.2	952	1.2
Denver -----	(1900)	48,659	18,699	38.4	26,574	54.6	1,972	4.1	237	0.5
Pueblo -----	(1920)	15,969	5,434	34.0	9,415	59.0	817	5.1	180	1.1
Colo. Springs--	(1920)	10,425	3,189	30.6	6,607	63.4	474	4.5	127	1.2
State Urban----	(1920)	174,946	59,858	34.2	99,202	56.7	9,015	5.2	2,679	1.5
State Rural----	(1920)	175,867	63,615	36.2	101,598	57.8	8,577	4.9	1,699	1.0

		Females 15 Years of Age and Over								
		Total	Single		Married		Widowed		Divorced	
			Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
United States	(1920)			27.3	60.6		11.1		0.8	
United States	(1910)			29.7	58.9		10.6		0.6	
United States	(1900)			31.2	57.0		11.2		0.5	
Colorado	(1920)	307,458	73,098	23.8	195,193	63.5	34,186	11.1	4,058	1.3
Colorado	(1910)	255,736	65,931	25.8	160,546	62.8	25,752	10.1	3,043	1.2
Colorado	(1900)	163,396	42,783	26.2	102,388	62.7	16,210	9.9	1,281	0.8
Denver	(1920)	97,101	25,586	26.3	54,996	56.6	13,791	14.2	2,030	2.1
Denver	(1910)	81,308	23,617	29.0	45,732	56.2	10,293	12.7	1,537	1.9
Denver	(1900)	49,446	15,193	30.7	27,381	55.4	6,186	12.5	418	0.8
Pueblo	(1920)	14,901	3,499	23.5	9,364	62.8	1,831	12.3	188	1.3
Colo. Springs	(1920)	12,957	3,950	30.5	6,832	52.7	1,941	15.0	212	1.6
State Urban	(1920)	168,954	43,906	26.0	98,366	58.2	22,834	13.5	3,053	1.8
State Rural	(1920)	138,504	29,192	21.1	96,827	69.9	11,352	8.2	1,000	0.7

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 1929, there were 653,829 policies in force, and the aggregate risks amounted to \$834,106,340.

There were 620 companies, associations, exchanges and societies operating in Colorado on December 31, 1929, compared with 524 on the same date in 1927, classified as follows:

	1927	1929
Fire and marine (stock).....	237	268
Fire and marine (mutual)....	26	32
Life—legal reserve.....	89	94
Casualty and miscellaneous..	91	144
County mutual fire and hail..	5	5
Assessment life.....	1	..
Assessment health and accident	3	3
Reciprocal exchanges.....	22	24
Fraternal societies.....	50	50
Total	524	620

Premiums received by these companies in 1929 amounted to \$48,089,054, which compares with \$38,176,452 in 1927, and losses incurred in Colorado in 1929 amounted to \$15,485,623, which compares with \$11,538,749 in 1927.

Losses paid by all companies from 1882 to 1929, inclusive, aggregated \$236,554,627, as follows:

Class	Period	Amount
Fire and Marine...	1882-1929	\$64,171,203
Life—Legal reserve	1882-1929	99,614,994
Casualty, etc.....	1882-1929	36,856,339
County Mutual....	1910-1929	544,716
Assessment Life...	1893-1929	3,668,493
Reciprocal	1916-1929	1,022,946
Colorado Assess- ment Hall.....	1921-1927	483,033
Foreign Assessment Hail	1910-1925	1,143,333
Fraternal	1916-1929	29,049,570
Total		\$236,554,627

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

Nature of Insurance	Year	Premiums	Losses
Legal Reserve Life.....	1882	115,160	75,193
	1900	2,298,432	790,922
	1924	16,583,309	4,640,777
	1925	18,525,284	4,968,856
	1926	20,237,140	5,506,278
	1927	21,680,094	6,702,442
	1928	23,333,505	7,564,023
	1929	25,345,538	7,547,786
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
Assessment Life Health and Accident	1893	215,076	220,647
	1900	145,782	64,003
	1924	147,616	81,688
	1925	185,991	115,343
	1926	170,318	101,120
	1927	190,064	100,086
	1928	198,811	110,559
	1929	127,686	80,548
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
Fraternal	1916	1,828,389	1,511,741
	1924	2,512,753	2,007,089
	1925	2,598,537	2,015,467
	1926	2,610,670	2,039,578
	1927	2,617,822	2,294,747
	1928	2,636,708	2,765,132
	1929	2,834,545	2,483,308
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
Assessment Hail (Colorado)	1921	136,739	85,263
	1924	3,297	7,121
	1925	27,208	20,127
	1926	26,528	22,020
	1927	1,273	1,949
Assessment Hail (Foreign)	1910	2,516	3,525
	1920	293,512	232,181
	1924	17,115	71,403

*Includes foreign Assessment Hail for these years.

Colorado Mortality Statistics

THERE were 12,865 deaths from all causes in Colorado in 1929 reported to the state health department. This compares with 14,077 in 1928 and 13,082 in 1927. In 1928, the latest year in which final and comparative figures of the United States bureau of the census are available, the largest number of deaths from any single cause was from diseases of the heart, the total being 1,861. This compares with 1,612 in 1927 and 1,385 in 1925 from the

same cause. Tuberculosis in all forms took second place with a total of 1,415 deaths, which compared with 1,492 in 1927 and 1,495 in 1925. Accompanying tables give the principal causes of death and also the death rate by causes. Deaths by suicide, homicide and by accidents are reported under separate heads in this chapter.

Colorado's death rate per 1,000 population in 1928, as reported by the census bureau, was 12.9, compared with

12.2 in 1927 and 11.6 in 1926. In 1927, the latest year for which comparative figures are available, the death rate per 1,000 population in the 42 states comprising the registration area was 11.4 and in 1926 was 13.0 per 1,000 population. There were 11 states in the registration area with a higher death rate in 1927 than Colorado and 30 with a lower rate. The bureau points out, however, that crude death rates by no means tell the whole story regarding the healthfulness of different localities. Race stock, occupations of the inhabitants, the sex and age distribution of the population, and the relative number of deaths of non-residents are factors that must be considered before it can be determined that one state is more healthful than another. It is apparent that Colorado being a state that attracts thousands of tourists and healthseekers, is affected by a large percentage of non-resident deaths, and this undoubtedly is the cause of the state's comparatively high rate for certain classes of diseases, such as tuberculosis and pneumonia. The refined rate for Colorado in 1925, a rate based on the death of residents only, whether they died in Colorado or some other state, was 11.9 per 1,000 population, or only one-tenth of one per cent higher than for the entire registration area.

The following table shows the 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	...

The number of deaths, distribution and rate per 1,000 population in 1925 and 1927 for Colorado were as follows:

	1925		1927	
	Number	Rate	Number	Rate
White	.....12,176	11.9	12,739	12.0
Colored	..... 373	24.2	343	22.6
Total	.....12,549	12.1	13,082	12.2
Urban	..... 5,908	15.2	5,969	14.9
Rural	..... 6,641	10.2	7,113	10.6
Total	.....12,549	12.1	13,082	12.2

The months in which the largest number of deaths in the state occurred in 1927 were January, 1,240; December, 1,178, and March, 1,175. The months in which the smallest number occurred were July, 952; and October,

998. The ages at which the deaths occurred were as follows:

Under 1 year	.....	1,710
65 to 69 years	.....	1,050
70 to 74 years	.....	1,010
75 to 79 years	.....	923
60 to 64 years	.....	883
55 to 59 years	.....	757
50 to 54 years	.....	640
1 to 4 years	.....	636
80 to 84 years	.....	633
35 to 39 years	.....	612
30 to 34 years	.....	598
45 to 49 years	.....	589
40 to 44 years	.....	587
25 to 29 years	.....	553
20 to 24 years	.....	493
15 to 19 years	.....	363
85 to 89 years	.....	337
5 to 9 years	.....	307
10 to 14 years	.....	243
90 to 94 years	.....	109
95 to 99 years	.....	27
100 years and over	.....	6
Age unknown	.....	16

Total deaths.....13,082

An accompanying table shows the death rate per 100,000 population in Colorado for the years 1921 to 1928, inclusive, with comparative rates for the registration area of the United States for 1925 and 1927.

The number of deaths from various causes and the totals for 1927 and 1928, were as follows:

Cause	1927	1928
Typhoid and paratyphoid fever	77	42
Malaria	1	2
Smallpox	3	1
Measles	136	54
Scarlet fever	63	48
Whooping cough	57	121
Diphtheria	98	41
Influenza	432	1,135
Dysentery	29	17
Erysipelas	47	52
Acute anterior poliomyelitis	15	28
Lethargic encephalitis	15	15
Meningococcus meningitis	48	138
Tuberculosis (all forms)	1,492	1,415
Of the respiratory system	1,398	1,321
Of the meninges, central nervous system	29	32
Other forms	65	62
Syphilis	144	148
Cancer and other malignant tumors	1,004	1,017
Rheumatism	47	43
Pellagra	2	3
Diabetes mellitus	132	186
Meningitis (nonepidemic)	51	50
Cerebral hemorrhage and softening	842	888
Paralysis without specific cause	45	28
Diseases of the heart	1,612	1,861
Diseases of the arteries, atheroma, aneurism, etc.	261	239
Bronchitis	44	45
Pneumonia (all forms)	1,068	1,269
Respiratory diseases other than bronchitis and pneumonia (all forms)	133	155
Diarrhea and enteritis	438	343
Diarrhea and enteritis (under 2 years)	366	269
Diarrhea and enteritis (2 years and over)	72	74
Appendicitis and typhlitis	282	250

Cause	1927	1928	Cause	1927	1928
Hernia, intestinal obstruction	155	116	Other railroad accidents	56	43
Cirrhosis of the liver	68	50	Streetcar accidents	6	8
Nephritis	789	875	Collision with automobile ..	..	..
Puerperal septicemia	98	82	Other streetcar accidents	6	8
Puerperal causes other than puerperal septicemia	110	102	Automobile accidents (excluding collision with railroad trains and street cars)	234	221
Congenital malformations and diseases of early infancy	757	790	Injuries by vehicles other than railroad trains, street cars, and automobiles ¹	29	35
Suicide	166	184	Excessive heat (burns excepted) .....	..	..
Homicide	59	61	Other external causes	211	213
Accidental and unspecified external causes	926	917	All other defined causes	1,285	1,214
Burns (conflagration excepted)	34	54	Unknown or ill-defined causes ..	51	52
Accidental drowning	65	66			
Accidental shooting	44	39			
Accidental falls	123	150			
Mine accidents	77	53			
Machinery accidents	25	20			
Railroad accidents	78	58			
Collision with automobiles	22	15			

¹Exclusive of stillbirths.

²Includes tabes dorsalis (locomotor ataxia) and general paralysis of the insane.

³Includes airplane, balloon, and motorcycle accidents.

DEATH RATE PER 100,000 POPULATION

(Compiled from Census Reports)

Cause of Death	Colorado								Registration Area	
	1921	1922	1923	1924	1925	1926	1927	1928	1925	1927
Typhoid and paratyphoid fever ..	10.1	11.4	10.5	6.7	8.8	5.9	7.2	3.9	7.9	5.5
Malaria	---	0.2	---	---	0.2	0.3	0.3	0.2	2.1	2.7
Smallpox	4.7	27.8	1.6	---	---	0.1	0.3	0.1	0.7	0.1
Measles	8.4	0.7	9.8	21.5	0.8	1.2	12.7	5.0	2.3	4.1
Scarlet fever	5.9	5.4	4.2	4.4	2.9	2.1	5.9	4.4	2.7	2.3
Whooping cough	10.2	6.0	10.5	6.5	9.9	17.2	5.3	11.1	6.7	6.9
Diphtheria	24.8	27.4	23.9	15.6	14.3	9.2	9.1	3.8	7.8	7.8
Influenza and pneumonia (all forms)	130.4	191.0	166.2	156.7	157.3	154.5	139.6	220.2	123.1	102.7
Tuberculosis (all forms)	184.6	183.3	168.5	163.1	152.4	144.2	139.2	129.8	86.6	80.8
Cancer and other malignant tumors	74.7	73.8	85.9	83.3	86.7	82.1	93.5	93.3	92.6	95.6
Diabetes mellitus	14.3	14.6	13.1	9.9	10.2	13.4	12.3	17.1	16.9	17.5
Alcoholism	3.2	4.2	3.7	2.9	1.7	2.3	2.4	---	3.6	4.0
Cirrhosis of the liver	5.6	6.4	5.4	6.2	4.7	4.8	6.3	4.6	7.3	7.5
Diseases of the heart	122.6	133.5	126.0	126.5	133.3	142.7	150.1	170.7	185.5	195.7
Pneumonia (all forms)	110.5	131.7	112.2	122.5	101.2	98.5	99.4	116.4	93.5	80.5
Diarrhea and enteritis	41.5	43.6	41.1	38.4	46.3	29.5	34.1	31.5	31.5	20.2
Acute and chronic nephritis	68.8	78.4	70.7	76.3	71.6	72.1	73.5	80.3	90.3	95.0
Old age	14.4	14.1	10.6	10.6	11.5	13.0	13.5	---	12.0	10.6
Suicide	14.8	18.0	14.2	16.3	17.4	14.7	15.5	16.9	12.1	13.3
Homicide	11.8	11.7	9.2	10.0	8.1	6.6	5.5	5.6	8.6	8.7
Automobile accidents	12.6	16.3	15.9	15.7	14.0	16.5	21.8	20.3	17.0	19.5
Unknown or ill-defined diseases	2.6	4.5	2.9	4.6	0.3	2.4	4.7	4.8	17.8	17.6

DEATHS FROM AUTOMOBILE ACCIDENTS

Deaths from automobile accidents in Colorado in 1929 were 264, exclusive of collisions with railroad trains and street cars, an increase of 43 compared with 1928, and an increase of 30 over 1927. Deaths where automobiles come into collision with railroad trains and street cars are listed under railroad accidents. There were 22 deaths in 1927 and 15 in 1928 in railroad collisions with automobiles and none in street car collisions. The number of deaths and rates per 100,000 population in Colorado and the registration area by years are as follows:

Year	No.	Colo.	Rate
			Area
1918	120	13.1	9.3
1919	118	12.7	9.4
1920	117	12.4	10.4
1921	121	12.6	11.5
1922	159	16.3	12.5
1923	157	15.9	14.9
1924	158	15.7	15.7
1925	146	14.0	17.0
1926	175	16.5	17.9
1927	234	21.8	19.5
1928	221	20.3	...
1929	264	...	...

DEATHS BY SUICIDE

Deaths by suicide in Colorado average around 164 each year, the variation from the average being less than thirty in any year since 1922. There were 158 deaths from that cause in the state in 1929, according to the reports of the state health department, that number being 20 less than in 1928, the highest in the eight years, and 27 more than in 1923, when the lowest number was reported.

The following table gives the number of suicides and the rate per 100,000 population for Colorado and the registration area by years as reported by the state board of health and the bureau of the census:

Year	No.	Colo.	Rate
			Area
1913	22.1	15.8	
1914	19.2	16.6	
1915	18.8	16.7	
1916	13.3	14.2	
1917	13.7	13.4	
1918	14.6	12.2	
1919	14.2	11.4	
1920	15.7	10.2	
1921	14.8	12.6	
1922	176	18.0	11.9
1923	137	14.2	11.6
1924	164	16.3	12.2
1925	181	17.4	12.1
1926	148	14.7	12.8
1927	166	15.5	13.2
1928	184	16.9	...
1929	158	...	...

Note—Comparative figures for 1928 and 1929 have not yet been published.

The largest number of deaths in 1925 and 1927 by suicide were of persons between the ages of 35 and 44 years. The number in 1925 was 41 out of the total of 181, and in 1927 was 36 out of a total of 166. The next largest number were of ages between 45 and 54 years, there being 29 of those ages in 1925 and 35 in 1927. Principal methods of committing suicide were as follows:

	1925	1927
By poison	22	13
By corrosive substances	12	21
By poisonous gas	19	19
By hanging or strangulation	17	12
By drowning	7	4
By firearms	88	85
By cutting or piercing instruments	9	8
By jumping from high places	2	..
By crushing	2	2
By other causes	3	2
	181	166

HOMICIDE DEATHS

Deaths from homicide in Colorado in 1929 were 87, an increase of 28 compared with the number in 1928 and a decrease of 27 compared with 1922, the highest in the past eight years. The figures are those reported by the state health department and the United States census bureau. The term "homicide" as here used includes murder, manslaughter, justifiable homicide and incendiarism, but not legal executions. In connection with preventive measures it is noted that 66 out of the 84 homicides in 1925 were by firearms. This is equal to 78.5 per cent of the total. Four were by cutting or piercing instruments and 14 by other means.

In 1927, 46 out of the 59 homicides, or 93.8 per cent, were by firearms, five were by cutting or piercing instruments and eight by other means.

The number of deaths, as far as records are available, and the rate per 100,000 population for Colorado and for the registration area of the United States, by years are as follows:

Year	No.	Colo.	Rate
			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	87	...	...

LEGAL EXECUTIONS

Thirty-five legal executions have taken place in Colorado between November 6, 1890, and August 1, 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	5

35

*For part of the year.

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 53 per cent under the preceding year and continued to decrease until 1920, when the total decrease amounted to 90 per cent. The next two years showed substantial increases.

The following table shows the death rate per 100,000 population in Colorado from alcoholism by years, with comparative rate for the registration area of the United States.

Year	Colorado	Reg. Area
1914	8.3	4.9
1915	7.2	4.4
1916	3.0	5.8
1917	2.3	5.2
1918	1.4	2.7
1919	0.8	1.6
1920	0.7	1.0
1921	3.2	1.8
1922	4.2	2.6
1923	3.7	3.2
1924	2.9	3.2
1925	1.7	3.6
1926	2.3	3.9
1927	2.4	4.0

Death rate from cirrhosis of the liver by years for Colorado and the registration area was as follows:

Year	Colorado	Reg. Area
1914	7.2	13.0
1915	7.3	12.6
1916	7.1	12.3
1917	7.0	11.4
1918	6.2	9.6
1919	4.2	7.9
1920	4.1	7.1
1921	5.6	7.4
1922	6.4	7.5
1923	5.4	7.2
1924	6.2	7.4
1925	4.7	7.3
1926	4.8	7.2
1927	6.3	7.5
1928	4.6	...

PRISONERS AND CRIME CONDITIONS

There were received in the county jails of the state during the year ending November 30, 1929, a total of 10,586 prisoners, of whom 9,904 were males and 682 were females. This was a decrease of 81 compared with the number received in 1928 and an increase of 125 compared with 1927. There was a decrease of 1,214 in 1929 as compared with 1925. The record of no prisoners received which was maintained by Archuleta county for four years in succession was broken in 1929, when four prisoners were received. Sixteen counties received no female prisoners in 1929, which compares with 21 counties in 1928 and 18 counties in 1927. Two counties failed to make any report on prisoners.

The number of prisoners confined in the county jails of the state on November 30, 1929, was 496, a decrease of 163 compared with the same date in 1928 and a decrease of 223 compared with the same date 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	10,657
1929	9,904	682	10,586

The percentages of males and females received by years were as follows:

Year	Male	Female	Per Cent
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	

A table published on page 287 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 numbers 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	518	41	547
1925	492	29	521
1926	676	43	719
1927	604	43	647
1928	471	25	496

The bureau of the census reported a total of 1,184 prisoners in the prisons, reformatories, jails and work-houses of the state on January 1, 1923, compared with 1,230 on the same date in 1910, a decrease of 3.7 per cent. In the same period there was reported an increase of 19.6 per cent for the United States. The ratio of prisoners in Colorado on January 1, 1923, was 120.4 per 100,000 population, compared with 99.7 per 100,000 population for the entire country.

Commitments from January 1 to June 30, 1923, totaled 2,899 in Colorado, of which 25 were for homicide, 28 for rape, 83 for assault, 52 for robbery, 66 for burglary, 239 for larceny, 33 for violating drug laws, 505 for violating liquor laws, 24 for fornication and prostitution, 705 for drunkenness, 88 for disorderly conduct, and 1,051 for all other causes. Of commitments in Colorado for the period named, 0.9 per cent were for homicides, compared with 1.2 per cent for the United States; 2.9 per cent for assault, compared with 3.6 per cent; 17.4 per cent for violating liquor laws, compared with 11.3 per cent; 24.3 per cent for drunkenness, compared with 26.1 per cent; and 8.2 per cent for larceny, compared with 7.9 per cent.

HOLIDAYS IN COLORADO

The laws of Colorado provide for the following legal holidays in the state:

January 1—New Year's Day.
 February 12—Lincoln's birthday.
 February 22—Washington's birthday.
 May 30—Memorial day.
 July 4—Independence day.
 August 1—Colorado day.
 September—First Monday, Labor day.

October 12—Columbus day.
 November—First Tuesday after first Monday, general election day.
 November 11—Liberty day.
 November—Thanksgiving day, by proclamation, last Thursday.
 December 25—Christmas day.

Arbor day is not a legal holiday, but is set apart for observance by proclamation for the third Friday in April. It is a public school holiday.

Good Roads day is not a legal holiday, but is set apart by proclamation for the second Friday in May.

Saturday, from 12 o'clock noon, until midnight, is a legal holiday during June, July and August in every city having 25,000 or more population.

STANDARD MOUNTAIN TIME

The 105th meridian west of Greenwich, which divides standard central time from standard mountain time as determined by congress, passes in a north and south line through Denver. However, Congress gave authority to the interstate commerce commission to readjust the boundaries of time zones and under a readjustment made by the commission, all of Colorado operates on standard mountain time. The eastern boundary of this zone goes through Mandan, North Dakota; Pierre, South Dakota; McCook, Nebraska; Dodge City, Kansas, and along the western boundaries of Oklahoma and Texas. The western boundary is along the western boundary of Montana; follows the Salmon river westward; western boundary of Idaho westward; southern boundary of Idaho eastward; passes southward through Ogden and Salt Lake City, Utah, and Parker and Yuma, Arizona.

Twelve o'clock noon, U. S. standard mountain time in Colorado, compares with clocks in other cities of the United States and foreign countries as follows:

Boston	2:00 P. M.
Chicago	1:00 P. M.
Cincinnati	1:00 P. M.
Dallas	1:00 P. M.
El Paso	12:00 Noon
Kansas City	1:00 P. M.
London	7:00 P. M.
Los Angeles	11:00 A. M.
Melbourne	*1:00 A. M.
Memphis	1:00 P. M.
New Orleans	1:00 P. M.
New York	2:00 P. M.
Rome	8:00 P. M.
Paris	7:00 P. M.
Salt Lake	12:00 Noon
Seattle	11:00 A. M.
Washington	2:00 P. M.
Yokohama	12:00 Midn.

*Next day.

LYNCHING RECORD

Colorado is one of the few states of the Union in which no lynchings have occurred in the nine years ending with 1928, according to the annual summary of the Tuskegee Institute. Of 4,277 lynchings reported in the United States since 1885, only 29 were in Colorado, of which 24 were whites and five were negroes. Colorado's proportion of the total is less than seven-tenths of one per cent.

COLORADO LIBRARIES

CITY	Library	No. of Volumes	Circulation	Appropriation
Akron.....	Public.....	3,000	.....	.....
Alamosa.....	Public.....	6,691	15,000	\$ 1,800
Ault.....	Public.....	1,525	3,600	.....
Boulder.....	Public.....	17,082	65,693	5,131
*Boulder.....	University of Colorado.....	166,825	389,415	34,000
Brighton.....	Public.....	7,000	30,728	2,432
Brush.....	Public.....	6,778	22,184	1,595
Burlington.....	Public.....	3,250	10,000	2,300
Canon City.....	Public.....	9,017	23,099	2,000
Center.....	Public.....	1,466	2,000	.....
Colorado Springs.....	Public.....	44,300	146,327	19,221
*Colorado Springs.....	Coburn Library, Colo. College..	90,000	25,699	14,500
Craig.....	Public.....	4,000	3,000	1,000
Cripple Creek.....	Public.....	4,232	13,500	.....
Delta.....	Public.....	8,073	28,118	.....
*Denver.....	Colorado State.....	125,000	.....	400
*Denver.....	Colorado Traveling.....	15,000	.....	3,000
Denver.....	Public.....	329,303	1,963,984	259,915
*Denver.....	State Historical.....	3,500	.....	.....
*Denver.....	Supreme Court Library.....	35,000	.....	5,000
*Denver.....	Regis College.....	26,000	12,600	2,000
Durango.....	Public.....	13,128	30,062	2,500
Eaton.....	Public.....	5,700	10,805	800
Estes Park.....	Public.....	4,490	7,321	1,000
Evergreen.....	Public.....	7,271	5,305	.....
Florence.....	Public.....	4,000	11,000	1,200
Fort Collins.....	Public.....	19,356	94,214	6,985
*Fort Collins.....	State Agricultural College.....	56,959	43,984	4,100
Fort Lupton.....	Public.....	2,861	8,839	1,196
Fort Morgan.....	Public.....	9,000	16,565	3,163
Glenwood Springs.....	Public.....	4,100	9,923	75
*Golden.....	Public.....	5,500	.....	.....
Grand Junction.....	Public.....	9,674	57,830	4,500
Greeley.....	Public.....	25,679	136,307	14,000
*Greeley.....	State Teachers College.....	66,000	50,000	.....
*Gunnison.....	Western State College.....	16,500	.....	1,920
Hotchkiss.....	Public.....	1,000	600	30
Idaho Springs.....	Public.....	6,500	18,000	1,000
*Johnstown.....	Woman's Club.....	1,000	150	.....
Julesburg.....	Public.....	2,300	250	360
La Junta.....	Woodruff Memorial.....	22,406	25,773	3,053
Lamar.....	Public.....	6,230	12,160	1,200
*Las Animas.....	Public.....	2,853	10,000	.....
Leadville.....	Public.....	8,055	26,245	.....
Littleton.....	Public.....	4,300	17,341	1,400
Longmont.....	Public.....	12,000	44,098	4,500
Louisville.....	Public.....	980	2,000	200
Loveland.....	Public.....	8,701	43,466	4,000
*Mancos.....	Public.....	1,800	1,200	30
Manitou.....	Public.....	5,487	12,413	1,100
Meeker.....	Public.....	3,213	3,600	650
Monte Vista.....	Public.....	5,230	23,610	1,900
Montrose.....	Public.....	7,299	26,351	2,600
*Ouray.....	Public.....	10,000	8,000	750
Platteville.....	Club.....	1,915	1,360	100
Pueblo.....	McClelland.....	38,000	158,288	14,000
Rifle.....	Public.....	2,500	.....	.....
Rocky Ford.....	Public.....	6,815	22,201	3,000
Salida.....	Public.....	10,800	18,000	2,700
*San Acacio.....	Albert Smith Memorial.....	800	400	.....
*Silverton.....	Public.....	5,000	6,000	1,250
Steamboat Springs.....	Public.....	3,600	8,200	1,044
Sterling.....	Public.....	10,000	46,380	5,600
Swink.....	Public.....	3,000	3,000	60
Telluride.....	School.....	10,000	1,147	100
Trinidad.....	Public.....	19,000	76,674	7,500
*Victor.....	Public.....	9,000	7,200	550
Wellington.....	Public.....	1,700	2,860	60
Windsor.....	Public.....	2,501	7,500	600
*Wray.....	Public.....	1,500	10,400	.....
Totals.....	.....	1,392,745	3,881,969	\$455,070

*No report for 1930. Figures used are latest available.

Data compiled by State Board of Library Commission, Elfreda Stebbins, Fort Collins, Secretary.

Persons in Governmental Service

A SURVEY undertaken in 1927 for the purpose of ascertaining as nearly as possible the number of salaried officials and employes engaged in all branches of governmental service in Colorado shows a total of 25,292, or one for each 42.6 persons in the state. This total does not include seasonal employes paid on a daily wage basis, such as laborers on road construction, in the national forests and on reclamation projects, or officials of a number of small incorporated towns who receive no compensation for their services, but does include a considerable number of officials and employes of small towns who receive only nominal salaries.

The survey was the first of the kind undertaken by this department and yielded some unexpected results. The questionnaires sought information on the number of salaried officials and employes only, and while the total appears large, it was found that a considerable per cent of the number do not depend upon compensation for governmental services for a livelihood.

The public school system of the state accounted for the largest number of salaried officials and employes, there being 9,514 teachers and 650 administrative officials and employes, including janitors, the last-named figure being partially estimated, as complete data are not available.

The federal government occupies second place, with 6,922 salaried officials and employes in the state. This number includes those employed in the national forests, in the reclamation service, the postoffice department, railway mail service, inspection bureaus and government hospitals. It also includes the national guard of the state, members of which receive one day's salary per week for services in attending drill. Postmasters and postoffice employes throughout the state make up a considerable part of the total. The figure does not include approximately 1,000 seasonal employes engaged in work in the national forests, on reclamation work, and similar enterprises who are not on a salary basis and whose work is confined mostly to the summer months. While the number of federal officials and employes is comparatively large, many of these have jurisdiction over areas greater in extent than that of the state, being identified with regional offices.

The cities and towns of the state occupy third place, with a total of 4,237 reported for 213 incorporated places. Denver ranked first, with a total of 2,250; Colorado Springs second, with 346, and Pueblo third, with 220. The Colorado Springs figures include salaried employes of the light and power and water system, which are municipally owned. Denver's figures are not included in the total for counties, since the city and county of Denver are co-extensive. Twenty-two incorporated towns reported that they had no salaried officials or employes. Nine towns failed to reply to questionnaires and no estimates were made for these. The largest town not replying 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, making the total for all counties 1,654, exclusive of Denver, which is included under cities and towns. Most of the counties excluded road employes from their reports.

PRISONERS IN COUNTY JAILS

(Years Ending November 30)

COUNTY	Prisoners Received				1929 by Sex		No. Prisoners at End of Year		
	1925	1927	1928	1929	Male	Female	1927	1928	1929
Adams.....	432	339	308	368	359	9	10	9	15
Alamosa.....	162	*	28	44	40	4	*	1	4
Arapahoe.....	175	192	63	130	127	3	13	6	3
Archuleta.....	...	...	...	4	4	0	...	...	1
Baca.....	56	85	75	32	32	0	3	2	0
Bent.....	68	*	64	77	72	5	*	3	4
Boulder.....	463	513	562	530	495	35	15	12	8
Chaffee.....	74	51	29	42	40	2	5	1	8
Cheyenne.....	15	21	12	25	25	0	...	...	1
Clear Creek.....	21	30	32	15	15	0	2	2	3
Conejos.....	13	*	7	27	25	2	0	1	1
Costilla.....	1	4	5	11	11	0	7	0	0
Crowley.....	78	99	94	77	69	8	0	1	0
Custer.....	...	5	2	2	2	0	0	0	1
Delta.....	109	56	63	65	63	2	0	6	5
Denver.....	5,383	4,421	4,756	4,369	4,105	264	393	395	243
Dolores.....	...	*	22	*	*	*	*	1	*
Douglas.....	30	46	35	54	53	1	0	2	0
Eagle.....	19	22	41	23	21	2	3	6	0
Elbert.....	11	12	*	21	19	2	0	*	0
El Paso.....	335	373	385	442	396	46	18	11	16
Fremont.....	138	88	91	107	105	2	8	9	5
Garfield.....	77	192	105	108	196	2	7	17	8
Gilpin.....	3	12	10	12	12	0	0	0	0
Grand.....	43	35	26	29	29	0	2	0	0
Gunnison.....	40	36	47	42	39	3	0	45	1
Hinsdale.....	1	0	0	*	*	*	0	0	*
Huerfano.....	89	76	143	136	130	6	16	5	5
Jackson.....	3	1	1	2	2	0	0	0	0
Jefferson.....	282	*	278	327	290	37	*	5	11
Kiowa.....	*	6	6	13	13	0	0	0	0
Kit Carson.....	26	*	41	72	52	20	*	0	5
Lake.....	140	86	395	175	169	6	9	0	0
La Plata.....	88	160	167	185	163	22	7	26	7
Larimer.....	264	273	237	230	223	7	5	4	8
Las Animas.....	422	760	477	328	295	33	0	0	7
Lincoln.....	50	44	...	22	20	2	3	0	0
Logan.....	181	120	157	134	128	6	5	1	3
Mesa.....	208	117	*	194	174	20	5	*	12
Mineral.....	...	2	1	3	3	0	0	0	2
Moffat.....	30	34	35	44	43	1	1	3	2
Montezuma.....	49	17	39	36	36	0	2	2	1
Montrose.....	8	105	87	85	83	2	75	6	0
Morgan.....	143	184	202	194	182	12	6	3	7
Otero.....	214	281	233	218	204	14	20	21	11
Ouray.....	4	7	6	25	23	2	1	0	0
Park.....	5	7	14	11	10	1	2	0	0
Phillips.....	12	*	2	18	16	2	*	2	4
Pitkin.....	9	6	1	6	5	1	0	0	0
Prowers.....	181	148	155	223	193	30	8	7	12
Pueblo.....	694	453	356	486	446	40	37	19	35
Rio Blanco.....	11	17	15	8	8	0	0	0	2
Rio Grande.....	17	39	85	71	71	0	2	0	0
Routt.....	28	61	*	54	52	2	3	*	3
Saguache.....	8	53	74	48	45	3	4	1	6
San Juan.....	1	4	12	6	6	0	0	0	0
San Miguel.....	24	98	7	6	4	2	0	0	0
Sedgwick.....	25	40	43	*	*	*	0	0	*
Summit.....	8	13	8	7	4	3	2	3	4
Teller.....	176	52	57	50	46	4	7	3	0
Washington.....	36	42	21	40	40	0	2	0	1
Weld.....	501	435	361	378	370	8	17	14	19
Yuma.....	117	88	79	95	91	4	0	5	2
State.....	11,801	10,461	10,667	10,586	9,904	682	725	660	496

*Data not available.

LICENSED BROADCASTING STATIONS IN COLORADO AUGUST 1, 1930

Location	Call Signal	Owner	Frequency in Kilocycles, Meters in Parentheses	Power (watts)
Bellevue College (Denver)	KPOF	Pillar of Fire, Inc.	880 (341)	500
Colorado Springs	KFUM	W. D. Corley	1,270 (236.2)	1,000
Denver	KFEL	Eugene P. O'Fallon (Inc.)	920 (326)	500*
Denver	KFUP	Fitzsimons General Hospital	1,310 (229)	100
Denver	KFXF	Pike's Peak Broadcasting Co.	920 (326)	500*
Denver	KOA	General Electric Co.	830 (361)	12,500
Dupont (near Denver)	KLZ	Reynolds Radio Co.	560 (536)	1,000
Edgewater	KFXJ	R. G. Howell	1,310 (229)	50
Fort Morgan	KGEW	City of Fort Morgan	1,200 (250)	100
Greeley	KFKA	State Teachers College	880 (341)	1,000 (a)
Gunnison	KFHA	Western State College	1,200 (250)	50
Pueblo	KGHF	Curtis P. Ritchie, et al.	1,320 (227.3)	250 (b)
Trinidad	KGIW	Trinidad Creamery Co.	1,420 (211.3)	100
Yuma	KGEK	Beeler Electrical Equip. Co.	1,200 (250)	50

*Also 500 night experimentally.

(a) 1,000 for day, 500 for night.

(b) 250 for night, 500 for day.

RADIO DEVELOPMENT

The number of radio sets in use in any area of the United States has heretofore been largely a matter of conjecture, though estimates have been made freely by various agencies in past years. The 1930 federal census included a count of radio sets in use and, pending the tabulation of the data, estimates have been avoided as much as possible. The census bureau has not as yet disposed of matters on the schedule preceding the question of radio sets, due to the unusually large volume of work connected with this particular census, and no date has been given as to when the preliminary count can be made and issued.

A plausible tabulation giving the number of sets operating in Colorado and the United States was made as of January 1, 1929, by Radio Retailing, published by the McGraw-Hill Publishing company, of New York, and this gave an estimate of 79,200 sets in use in the state. This agency estimated the number of homes in Colorado with sets on January 1, 1930, at 129,800, this being 1.1 per cent of the nation's total. That is equal to one set for each eight persons in the state on the basis of the 1930 population census. This figure is a little higher, however, than an estimate made on the basis of the rate of growth recognized generally by the experts in national radio matters, which fixes the number in Colorado for the current year at about 100,000.

The radio business in Colorado is maintained on a high level, according to returns from radio dealers to the electrical equipment division of the

United States department of commerce. There were 461 dealers listed in Colorado and returns were received from 37 per cent of these. These showed that in 1929 there were 534 battery and 10,557 socket power receivers, or a total of 11,091, sold by 170 of the 461 dealers, their total radio business amounting to \$1,652,714. Though a minor percentage of the dealers reported, the amount of business indicated probably is near the total. The larger dealers do not hesitate to give the information, and their business methods generally require that attention be given their mail. Individuals who do a "one man" business, or who are out of business, are responsible for most, if not all, of the failures to reply, and their total business is small.

It is safe to assume that the 291 dealers who did not reply did a business not averaging more than a few hundred dollars each, though their total might bring the amount of \$1,652,714 up to approximately \$2,000,000. The average response from the dealers of the country was 25 per cent, compared with 37 per cent from Colorado. Throughout the country 35,480 battery sets and 889,479 socket power sets were sold, the business amounting to \$140,771,378. The average volume of business per dealer was: Colorado, \$9,720; United States, \$13,320; District of Columbia, which was the highest, \$26,650; and North Dakota, the lowest, \$3,820.

Colorado is in the fifth of the five zones into which the country was divided by the federal radio commission.

Other states included in the zone are Montana, Wyoming, New Mexico, Idaho, Utah, Arizona, Nevada, Washington, Oregon and California.

There were 14 broadcasting stations in Colorado on March 1, 1930, operating under licenses. One of these ranks among the most powerful in the country, having a power of 12,500 watts. There were only 14 stations in the country rated with a greater power. Reception from this station has been acknowledged as far away as New Zealand, a distance of 13,000 miles. There is no way of determining the number of persons listening in on a broadcasted program, but an average of five to the set is the figure generally used for special events, which would indicate an audience of 500,000 to 650,000 in Colorado.

COLORADO HOSPITALS

Colorado is well supplied with hospitals which rank among the best in the country in equipment and quality of service rendered the public. The American College of Surgeons, an international organization covering North and South America, conducts an annual survey of Colorado hospitals in its standardization movement. 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.

There was no change in 1929 in the number of hospitals in the state reported upon or in the number approved, but there was a substantial increase in the capacity of the 32 which met the requirements for approval. The capacity of the 32 approved hospitals was 6,781 beds on October 1, 1929, which compares with 6,624 beds on the same date in the preceding year, an increase of 157 beds. All hospitals with 100 or more beds were approved. Ten of the 13 with from 50 to 99 beds reported upon were approved and of eight with from 25 to 49 beds three were approved. 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.

HOSPITALS APPROVED BY THE AMERICAN COLLEGE OF SURGEONS, 1929

Location	Name	Capacity	Governed by
Boulder	Boulder-Colorado sanitarium	110	Seventh Day Adventists.
Boulder	Community	75	Board of Directors.
Colorado Springs	Beth-El General	151	Methodist Episcopal Church.
Colorado Springs	Glockner Sanatorium and hospital	250	Sisters of Charity.
Colorado Springs	National Methodist Episcopal Sanatorium for Tuberculosis	51	Methodist Episcopal Church.
Colorado Springs	St. Francis hospital	150	Sisters of St. Francis.
Denver	Agnes Memorial sanatorium	158	Board of Trustees.
Denver	Beth Israel	67	Board of Directors.
Denver	Children's	145	Board of Directors.
Denver	Colorado General	150	University—Board of Regents.
Denver	Denver General	500	City and county—health department.
Denver	Mercy	190	Sisters of Mercy.
Denver	National Jewish	270	Board of Managers.
Denver	Park Avenue	51	Board of Directors.
Denver	Presbyterian	168	Presbyterian Church.
Denver	St. Anthony's	200	Sisters of St. Francis.
Denver	St. Joseph's	249	Sisters of Charity.
Denver	St. Luke's	256	Board of Managers.
Denver	Sanatorium of the Jewish Consumptives' Relief Society	300	Jewish Relief Society.
Durango	Mercy	35	Sisters of Mercy.
Grand Junction	St. Mary's	67	Sisters of Charity.
Greeley	Greeley hospital	60	County Commissioners.
La Junta	Acheson, Topeka & Santa Fe Railroad	40	Railway Hospital Association.
Longmont	Longmont	40	Board of Trustees.
Pueblo	Corwin	237	Industrial corporation.
Pueblo	Parkview	86	Board of Directors.
Pueblo	St. Mary's	160	Sisters of Charity.
Salida	Denver & Rio Grande Western Railroad	85	Railway Employees' Association.
Salida	Red Cross	54	Private—Board of Directors.
Trinidad	Mt. San Rafael	78	Sisters of Charity.
Aurora	Fitzsimons General	1,848	United States Army.
Fort Lyons	Veterans'	500	U. S. Veterans Bureau.

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

CHURCH POPULATION

The six largest religious bodies or denominations in Colorado reported a total membership or number of communicants in the state at the beginning of 1930 of 236,760. This compares with 234,184 for the same group in 1929 and 211,096 in 1925, an increase of 2,576, or 1.1 per cent, over the preceding year and 25,664, or 12.1 per cent, over 1925. The Roman Catholic church, the largest body in the country and in the world, also leads in Colorado, with the Methodist church taking second place, Presbyterian third, Baptist fourth, Congregational fifth and Episcopal sixth.

These figures are not those of sectarian population, but, so far as they can be obtained, of communicants. The Roman Catholic church reports officially only "population," which includes practically all baptized persons; but in these figures it is represented by estimated communicants, which constitute approximately 85 per cent of its population. The official Catholic population for Colorado in 1930 was 112,954, in 1929 was 132,171 and in 1925 was 114,729. In estimating the number of communicants, the accompanying table is made up on the basis adopted by the Christian Herald in compiling its church census of the

country. This gives the number of Catholic communicants in Colorado as 112,954 in 1930; 112,345 in 1929, and 97,510 in 1925. The same is true of the Episcopal church, the number of baptized persons in 1930 being 12,800, while the number used in the following table is 9,565, representing communicants only.

The figures on the six largest bodies are as follows:

	1925	1929	1930
Catholic	97,510	112,345	112,954
Methodist	44,408	45,581	*45,219
Presbyterian	25,539	27,648	28,976
Baptist (white) ..	22,203	26,100	26,308
Congregational ..	12,957	13,000	13,738
Episcopal	8,479	9,510	9,565
	211,096	234,184	236,760

*As of Sept. 1, 1929.

There were in Colorado in 1926 77 religious bodies, or congregations, with 1,688 organizations or churches reporting 352,863 members, which compares with 69 religious bodies with 1,455 organizations and 257,977 members in 1916, as reported by the department of commerce. An accompanying table gives a summary of items as reported by the census bureau for the two years, the 1926 figures being preliminary and subject to correction.

The value of church edifices repre-

sents the value of the buildings together with the land on which they stand and all furniture, organs, bells and furnishings owned by the churches and actually used in connection with church services. It does not include the value of buildings hired for church use or buildings owned by the denominations but not used for religious services.

Under expenditures are included running expenses, improvements, the pastor's salary, payments on debt and money actually paid for new buildings. It also includes the amount expended for benevolences, home and foreign missions, for denominational support, and all other purposes.

The data shown for Sunday schools represent Sunday schools conducted by the churches of the different denominations and do not include undenominational or union Sunday schools. These data relate entirely to what is known as the Sunday school and do not cover parochial schools, week-day religious schools, or other schools which supplement or sometimes take the place of the Sunday school.

The report for 1916 included statistics for 69 denominations, 13 of which are not shown at this census. Some have joined other denominations and their statistics are included with them, others are out of existence, etc. There are 21 denominations shown at this census not reported in 1916. All of them are not new, however, as a number were created by divisions in denominations which were shown as units in 1916.

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 ap-

pointed 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, 1928, a total of 206,941 accidents was reported, of which the largest number, 19,797, was reported in 1926, and the smallest number, 11,358, in 1919. The commission explains the increase as being due partly to the expansion of business, with the consequent increase in the number of employes, and partly to a more widespread knowledge among smaller employers of the requirements of the law.

Arising out of these accidents there were 58,084 claims filed between August 15, 1915, and November 30, 1928, in which 56,305 males and 1,779 females were injured. Fatal claims (deaths) aggregated 2,334. Of these, 897, or 38.43 per cent, were in the coal industries; 442, or 18.94 per cent, in the metal industries; and 995, or 42.63 per cent, in miscellaneous industries. Of the 55,770 non-fatal claims filed, 12,754, or 22.87 per cent, were in the coal industries; 6,781, or 12.16 per cent, in the metal industries; and 36,235, or 64.97 per cent, in miscellaneous industries. The average weekly wage for the entire period was \$28.89 and the average weekly compensation was at the rate of \$9.71.

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 1927, inclusive, premiums paid by the employers to the various agencies aggregated \$19,371,093, and losses paid aggregated \$8,214,650, exclusive of amounts set aside as reserves to cover incurred liabilities. An accompanying table shows premium income and losses paid in Colorado by years.

ACCIDENTS AND CLAIMS, WORKMEN'S COMPENSATION

	1923	1924	1925	1926	1927	1928
Number of accidents.....	15,362	17,513	18,143	19,797	19,571	19,773
Number of all claims.....	5,307	5,660	5,807	5,584	5,751	5,312
Death claims.....	168	140	152	155	180	147
Non-fatal.....	5,139	5,520	5,655	5,429	5,571	5,165
Average weekly wage.....	\$25.35	\$25.32	\$25.02	\$23.63	\$25.49	\$24.93
Average weekly compensation.....	\$10.01	\$10.83	\$10.74	\$10.63	\$10.77	\$10.79

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	192,328.45	1,159,844.70
1918	854,239.28	382,528.75	370,593.75	1,607,361.78
1919	818,782.86	313,432.55	267,612.12	1,399,827.53
1920	906,639.75	502,262.10	460,116.11	1,869,017.96
1921	931,622.93	416,087.25	364,009.52	1,711,719.70
1922	590,611.51	330,407.73	339,537.41	1,260,556.65
1923	665,509.93	402,663.69	404,562.16	1,472,735.78
1924	806,751.61	398,077.73	412,733.56	1,617,562.90
1925	1,033,794.56	351,428.79	554,868.86	1,940,092.21
1926	1,031,537.78	348,613.55	605,630.54	1,985,781.87
1927	1,001,375.17	357,852.64	880,400.39	2,239,628.20
Totals	\$9,812,920.19	\$4,524,699.35	\$5,033,474.28	\$19,371,093.82
Net Loses 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
Totals	\$4,779,717.75	\$1,337,256.37	\$2,097,676.26	\$ 8,214,650.38

*August 1, 1915, to December 31, 1915.

SOURCES OF COLORADO'S GASOLINE SUPPLY, BY YEARS
(From State Oil Inspector's Reports; in Gallons)

	1925	1926	1927	1928	1929
California	269,749	187,409	41,055	.....	.....
Colorado	5,659,669	9,555,417	15,465,893	18,164,163	19,029,208
Kansas	9,819,345	6,844,453	14,135,557	18,491,680	23,998,336
Missouri	16,002	.....	.....	.....	.....
Nebraska	21,698	35,539	95,105	129,657	111,438
New Mexico	1,350,223	2,014,429	2,314,029	2,617,796	2,382,770
Oklahoma	18,986,618	19,276,048	29,875,514	26,082,400	31,802,699
Texas	801,184	945,848	1,673,332	2,409,842	5,840,205
Utah	86,139	101,459	409,386	24,419	30,195
Wyoming	61,730,674	73,419,707	64,294,153	74,107,708	72,259,543
Louisiana .....	.....	.....	.....	.....	53,448
Totals	98,741,301	112,380,309	128,304,024	142,027,665	155,507,842

GASOLINE CONSUMPTION BY AND TAX DISTRIBUTION TO COUNTIES
(From Reports of the State Oil Inspector)

COUNTY	Gallons Consumed		Road Tax Distributed	
	1928	1929	*1928	1929
Adams	1,237,424	1,919,932	\$ 11,994.48	\$ 15,497.42
Alamosa	1,490,025	1,811,526	10,169.87	16,597.72
Arapahoe	2,207,166	2,153,141	12,678.67	16,453.63
Archuleta	198,646	166,506	12,760.31	16,485.67
Baca	1,523,404	2,530,633	28,869.24	37,870.30
Bent	914,633	1,105,993	9,054.54	11,698.75
Boulder	5,395,558	6,108,256	14,613.27	18,847.82
Chaffee	3,502,424	3,881,886	11,562.10	14,938.54
Cheyenne	539,684	803,789	15,735.08	20,332.36
Clear Creek .....	.....	.....	13,402.65	17,316.71
Conejos	477,329	457,608	14,847.98	19,182.57
Costilla	335,898	420,760	16,611.60	20,795.19
Crowley	603,504	714,522	7,880.97	10,182.18
Custer	166,133	183,487	11,796.79	15,241.27
Delta	1,471,700	1,504,200	14,600.91	18,863.83
Denver	44,376,113	48,580,075	.....	.....
Dolores	249,749	139,873	8,832.22	11,410.57
Douglas	579,258	523,153	20,072.24	26,044.89
Eagle	185,300	231,381	15,885.58	20,524.48
Elbert	838,687	889,948	15,675.58	20,252.31
El Paso	9,049,705	9,481,726	30,574.50	39,498.92
Fremont	2,246,521	2,197,991	21,629.57	27,960.27
Garfield	1,473,174	1,572,207	19,233.12	24,912.60
Gilpin	6,498	79,182	4,459.68	5,763.61
Grand	560,820	604,347	23,858.76	30,865.32
Gunnison	253,665	326,258	28,608.86	36,898.07
Hinsdale .....	.....	.....	6,003.48	7,757.48
Huerfano	1,756,670	1,879,135	16,582.69	22,486.40
Jackson	255,035	300,875	16,812.04	21,720.84
Jefferson	515,691	510,451	27,558.89	36,243.13
Kiowa	546,148	688,999	18,047.33	23,316.00
Kit Carson	2,289,727	2,359,912	21,592.55	27,896.24
Lake	479,299	569,677	9,227.45	11,922.89
La Plata	677,829	637,277	12,579.99	16,166.92
Larimer	6,123,852	6,118,323	31,758.65	41,047.49
Las Animas	3,740,745	3,897,652	33,302.80	43,233.54
Lincoln	1,921,012	1,905,076	39,565.71	51,212.22
Logan	3,366,502	3,658,557	20,883.96	27,178.70
Mesa	2,872,052	3,196,979	26,385.36	34,089.07
Mineral	86,933	76,381	8,288.86	10,709.07
Moffat	1,044,278	1,056,120	22,877.25	29,556.88
Montezuma	143,650	346,907	17,355.54	21,991.56
Montrose	1,008,366	1,118,489	29,127.69	37,647.67
Morgan	3,411,793	3,534,901	14,416.91	18,641.15
Otero	2,968,442	3,439,619	11,523.63	15,018.59
Ouray	78,401	25,176	6,114.68	7,901.58
Park .....	.....	.....	26,583.02	34,343.78
Phillips	1,730,241	1,816,681	11,978.22	16,693.79
Pitkin	41,968	45,958	10,882.77	14,062.37
Prowers	2,230,378	2,904,740	23,877.72	30,849.28
Pueblo	7,844,328	8,785,138	23,939.54	30,945.35
Rio Blanco	27,291	40,519	25,508.36	32,923.24
Rio Grande	1,190,277	1,440,210	10,648.03	13,756.73
Routt	732,046	784,628	20,974.88	27,034.61
Saguache	1,094,640	936,444	21,296.03	27,194.71
San Juan	49,901	69,193	5,509.35	7,087.97
San Miguel	190,077	71,372	17,684.99	22,837.15
Sedgwick	1,241,077	1,443,755	8,251.64	10,516.93
Summit .....	.....	.....	11,451.00	14,778.45
Teller	296,617	287,745	12,747.89	16,469.65
Washington	1,018,162	1,021,321	32,512.32	42,003.72
Weld	9,745,912	10,193,698	42,638.37	54,261.31
Yuma	1,425,307	1,952,549	30,539.66	39,498.91
Totals	142,027,665	155,507,842	\$1,122,437.82	\$1,455,430.41

*For fiscal year ending November 30.

THE LUMBER INDUSTRY

While Colorado possesses immense quantities of timber, the production of lumber and timber products has been conducted on a comparatively small scale until recent years, when there has been a marked increase in output. There were 116 mills in the state reporting to the census bureau in 1927, compared with 128 in 1926 and 145 in 1925. These are classified as logging camps, merchant mills and planing mills operated in conjunction with sawmills, veneer mills and cooperage-stock mills. Planing mills not operated in conjunction with sawmills are classified separately and are included under manufacturing. The mills here listed are those which produce lumber and timber products for re-manufacture.

The quantity of lumber sawed in the 116 mills in 1927 was 67,321 thousand feet, board measure, which compares with 38,917 thousand feet in 1922, an increase of 73 per cent. The mills were operated by 62 establishments and the number of persons employed was 1,310, of whom 58 were proprietors and firm members, 62 were salaried officers and employees, and 1,190 were wage earners. Salaries paid aggregated \$114,336 and wages \$1,278,030. Cost of materials, supplies, fuel and power was \$442,773 and the value of products was \$2,368,366. Horsepower employed was 4,500.

Most of the lumber sawed in the state is softwood, the only hardwood produced being cottonwood. Of the 67,321 thousand feet sawed in 1927, 67,250 thousand feet was soft wood and 71 thousand feet was hardwood. The kinds of wood produced in 1926 and 1927 and the quantity of each are given in the following table:

Kind	Quantity	
	M Ft.	B. M.
	1926	1927
Cedar	1	....
Douglas fir	2,895	3,984
Lodgepole pine	9,740	5,994
Spruce	10,529	7,388
Western yellow pine	51,022	47,799
White fir	767	2,065
Cottonwood	324	71
Undistributed .....	....	20
Total	75,278	67,321

Colorado ranked first among the states of the Union in 1927 in the production of lodgepole pine, its output being 45.2 per cent of the total output in the United States. The timber is used extensively in the construction of telephone and telegraph lines.

The following table showing the number of active mills and quantity of lumber cut by years indicates the progress of the industry:

Year	No. Active Mills	Quantity
		Lumber Sawed (M ft. b.m.)
1922	128	38,917
1923	113	38,233
1924	122	42,014
1925	145	71,069
1926	128	75,278
1927	116	67,321

A considerable part of the timber cut in Colorado comes from the national forests, the annual output being approximately 65,000,000 board feet. The national forest service estimates standing timber of all species in these reserves at 22,160,689,000 board feet. Additional information on this subject will be found in the chapter on National Forests.

There was produced in the planing mills of the state in 1927, including those operated in conjunction with sawmills and independent mills, products valued at \$2,525,997. The output of these mills includes dressed lumber, doors, sash, windows, frames, etc. The value of products of the independent planing mills in 1927 was \$1,678,548. The planing mill products industry is described in more detail in the tables under "Manufacturing" in this volume. Plants manufacturing wooden boxes had an output of products in 1927 valued at \$350,644. The aggregate value of lumber and timber products and products of the planing mills in 1927 was \$4,894,363.

COLORADO MUSEUMS

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 original building was constructed at a cost of approximately \$270,000, part of which was provided by the municipality and part by private donations. Since then several wings and extensions have been added. The cost

of installing exhibits in the museum is in excess of \$340,000, 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 199,255 visitors to the museum in 1929, and 243,698 in 1928. The record from 1912 to 1929, inclusive, shows an admission during that period of 3,525,953.

The state museum is located just south of the capitol in Denver and is housed in a building constructed by the state of Colorado at a cost of \$500,000. It is conducted by the State Historical and Natural History society and comprises two departments, the department of history and the department of archaeology and ethnology. The museum contains many relics of early life in Colorado, specimens from the ruins of cliffdwellers and other ancient races that once inhabited this territory, and many valuable documents and records of great historical value. Membership in the society is confined to citizens of Colorado. Additions to its ethnological exhibits are made at frequent intervals by expeditions sent out to explore ruins of the earlier inhabitants. Further information concerning this exploration work is given elsewhere in this volume under the heading, "Archaeological."

The Denver Art museum is located in Denver and, as its name indicates, is devoted to the furthering of the arts. It is supported in part by the city and in part by private subscriptions.

The Cody Memorial museum is located on Lookout mountain near Golden, in Denver's mountain park system, and contains relics of Col. W. F. ("Buffalo Bill") Cody, a noted scout, whose grave adjoins the site of the museum.

The Mesa Verde Park museum is located in the Mesa Verde national park, in Montezuma county, in the southwestern part of the state, and houses relics of the cliffdwellers, being entirely an archaeological collection gathered in the ruins in the park. It is owned by the government and conducted by the park officials. This collection was made possible by the con-

tributions 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. Until recent years many museums both in the United States and abroad contained better exhibits than the park itself, because of the activities of pot-hunters in the days before the park was established.

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.

AIRPORTS, AIRCRAFT, PILOTS AND ROUTES

There were 27 airports and landing fields in Colorado on April 1, 1930, as reported by the department of commerce, of which four were marked auxiliary fields, five were department of commerce intermediate fields, 11 were municipal airports, six were commercial airports and one was an army field. Their locations and classifications are as follows:

Akron, American Legion airport, auxiliary.

Canon City, auxiliary.

*Castle Rock, intermediate.

(a) Colorado Springs, Colorado Springs airport, municipal.

Colorado Springs, Alexander airport, commercial.

Cortez, auxiliary.

Creede, auxiliary.

Denver, Colorado Airways field, commercial.

(a) Denver, Lowry field, national guard, air corps.

Denver, Curtis field, commercial.

(a) Denver, Denver airport, municipal.

*Dover, intermediate.

Durango, Durango airport, municipal.

Estes Park, commercial.

Florence, Florence flying field, commercial.

Fort Collins, Fort Collins airport, municipal.

*Fort Lupton, intermediate.

Grand Junction, Grand Junction airport, municipal.

- (a) Greeley, Greeley airport, municipal.
 al. Lamar, municipal.
 Leadville, Bingham field, municipal.
 Monte Vista. Monte Vista airport, municipal.
 *Monument, intermediate.
 Otis, Otis airport, municipal.
 (a) Pueblo, Pueblo airport, municipal.
 *Wigwam, intermediate.

*Intermediate fields along airways, marked and lighted by the department of commerce.

(a) Equipped with beacon lights or partial or full equipment of flood lights for landing, flood-lighted buildings, boundary lights, danger lights, etc.

Cities and towns in which proposed airports and landing fields were being considered on April 1, 1930, included Akron, Brush, Buena Vista, Durango, Fort Morgan, Greeley, Holyoke, La Junta, Lamar, Longmont, Montrose, Springfield, Sterling, Sugar City and Trinidad.

The status of aircraft, pilots and mechanics in Colorado, as of March 31, 1930, as reported by the Air Commerce bulletin of the department of commerce, is as follows:

Licensed aircraft, 52; identified aircraft, 39; total aircraft, 52.

Transport pilots, 52; limited commercial pilots, 12; private pilots, 47; total pilots, 111.

Number of mechanics, 72.

United States air transport routes in Colorado include the following:

Pueblo to Cheyenne, Wyoming, inaugurated May 31, 1926, carries mail, passengers and express. It operates a daily service over a 200-airway-miles route with a daily plane-miles schedule of 400.

Kansas City to Denver, inaugurated July 29, 1929, carries passengers. It operates on a three-times-weekly schedule over a 575-airway-miles route (685 via Wichita) and has a daily plane-mile schedule of 1,150.

Kansas City to Denver, inaugurated November 9, 1929, carries passengers and express. It operates on a daily schedule over a 404-airway-miles route (685 via Salina) and has a daily plane-mile schedule of 1,370.

Amarillo to Pueblo, inaugurated April 10, 1930, carries passengers. It operates on a daily schedule over a 261-airway-miles route and has a daily plane-mile schedule of 522.

All the routes named make connections at terminals with other routes.

EARTHQUAKES

One of the two seismic stations in the Jesuit Seismological association for the observance of earthquakes and

gathering data for seismic research is located at Regis college in Denver. It was established in 1909, and since then the instrument has never ceased recording the vibrations of the earth. A. W. Forstall, S. J., a member of the Seismological Society of America, which has its seat at Leland Stanford university, is director of the Regis college station. The instrument belongs to the class of medium period for general observations and was invented by the well known seismologist Dr. Wiechert, of Göttingen, Germany, and was constructed by the firm of Spindler and Hoyer, of the same town.

The seismograph and the clocks by which it is regulated are located in a room on the ground floor of the administration building, which is remarkably free from changes in temperature, a condition very important for the maintenance of a perfect adjustment. It is mounted on a masonry pier that rests upon the solid earth to eliminate all disturbances originating in the building, for the slightest vibration of the floor would be recorded by the pens. It is protected from drafts by a large glass case and means have been provided for making certain adjustments without opening this case. The earthquake vibrations are registered by two delicate pens writing on smoked paper. The minutes of time as well as the hours are automatically marked off on the blank by electric connections with the clocks. The United States weather bureau and the United States coast and geodetic survey co-operate with the association through the publication of its reports. The stations of the association also exchange telegrams immediately after large quakes have been registered in order to locate their epicenters as early as possible for the benefit of the other stations, the people and the press. This is done through the aid of "Science Service," at Washington.

The three-fold program of the association for the past 20 years has been: To collect data of seismic value by securing daily blanks; each station to analyze and interpret its observations and publish them, as well as to keep them at the disposal of all the stations of the world; and by means of these data collected from its own and other observatories, to endeavor to solve the intricate problems relating to the nature of seismic waves, their speed, their reflection, their refraction, and by means of this knowledge to arrive at a true concept of the interior conditions of the earth and its geology.

The location of the station at Denver was made without reference to seismic conditions in Colorado. The director, judging from the past history of the state and observations for the last 20 years, expresses the opinion that Colorado is not a seismic region. Since the installation of the observatory, the instrument has never recorded a single quake whose epicenter was located in the state. In past geological ages and in the Tertiary period, in particular, it is quite certain that Colorado was the theater of terrific volcanic and seismic outbursts, as the Cripple Creek district amply testifies. Possibly, these were premonitory convulsions of nature giving birth to Pikes peak. At any rate, there are good reasons to believe that the subsidence which followed is to be permanent.

The danger spots nearest to Colorado are considered to be the great "fault" of the Wasatch mountains in Utah and an area in New Mexico and Arizona in the vicinity of the international boundary. While there is no record of quakes proper in Colorado, certain distant quakes and sudden readjustments of faults occasionally manifest themselves, not by perceptible shocks, but by audible sounds of very low pitch and strong enough to make windows and crockery rattle in houses. They have been observed all over the world and are the results of seismic activity in distant places. In the fall of 1927 the inhabitants of Creede heard these noises every day for more than a week. It is believed they originated in the Wasatch "fault" in Utah, which, according to the observatory's records, gave at that time signs of seismic activity.

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.

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

CIGAR MANUFACTURES

There were 7,673,536 cigars manufactured in Colorado in the calendar year of 1928, which compares with 5,602,215 in 1927, an increase of 2,071,321, or 36.9 per cent. The year was the first to show an increase since 1920. There were 41 cigar factories in operation in the state on January 1, 1929, compared with 47 on January 1, 1928. During the year three factories were opened and nine closed. The number of factories on January 1 of the years named were as follows: 64 in 1927; 52 in 1926; 53 in 1925; 56 in 1924; 64 in 1923; 67 in 1922 and 57 in 1921. Of the 7,673,536 cigars manufactured in 1928, 4,486,905 were manufactured to retail at not more than five cents each and 3,089,861 to retail at

more than eight cents each and not more than 15 cents.

Quantities of tobacco used and number of cigars manufactured 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

GASOLINE TAX

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 goes to the highway fund and 30 per cent to the counties. The tax again was increased, on May 1, 1929, of which 70 per cent goes into the state highway fund, 27 per cent to the counties for highway purposes, and three per cent into a special highway fund for construction and maintenance purposes in cities and towns. Dealers pay the tax direct to the state inspector.

Collections, tax only, exclusive of inspection fees, for calendar years were as follows:

		% Increase Over Previ- ous Year
1919 (8 mos.)	\$ 274,401	...
1920	458,395	57.7
1921	566,570	23.9
1922	644,912	13.1
1923	922,643	40.7
1924	1,773,362	89.4
1925	1,845,471	3.5
1926	2,169,456	16.9
1927	3,272,537	46.5
1928	4,115,299	23.8
1929	5,560,348	34.2
Total	\$21,603,394	...

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	52.95
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

Colorado furnished 12.23 per cent of the state's gasoline supply in 1929; 12.78 per cent in 1928; 12.05 per cent in 1927; 8.50 per cent in 1926; and 5.73 per cent in 1925. An accompanying table shows the sources of the gasoline supply by states and years.

In the calendar year ended December 31, 1929, there was transferred out of the gasoline tax fund \$3,719,623 to the state highway department, \$103,969 to the special highway fund, and \$1,455,430 to the counties for highway purposes.

In the fiscal year ending November 30, 1928, there was transferred out of the gasoline tax \$2,665,355 to the state road fund and \$1,122,438 to the counties for road purposes. In the fiscal year 1927 payments to the state fund aggregated \$1,740,651 and there was distributed to the counties \$1,505,651.

An accompanying table shows gasoline consumption and gasoline tax distribution to counties by years.

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, under the direction of George Woodbury, curator, holds a permit from the government on an area in Montezuma county, 32 miles northwest of Cortez, upon which considerable work was done in 1928 for the purpose of obtaining specimens for the state museum. In this area have been found ruins of a city of a very early type, one of the distinguishing features of which is the remains of many secret underground passages connecting numerous towers and ceremonial chambers. This city, unlike the cliff dwellings, is on an open mesa. Excavations made in 1925 by the society on Chimney Rock mesa, 22 miles west of Pagosa Springs, revealed some valuable discoveries. The area is one by one and one-fourth miles in size. Numerous ruins were discovered, including one chamber 209.7 feet long and more than 80 feet wide. They were inhabited in the period of the post-basket makers culture, dating back approximately 3,000 years. Among the discoveries were two human skulls, one

of the roundhead and the other the longhead type.

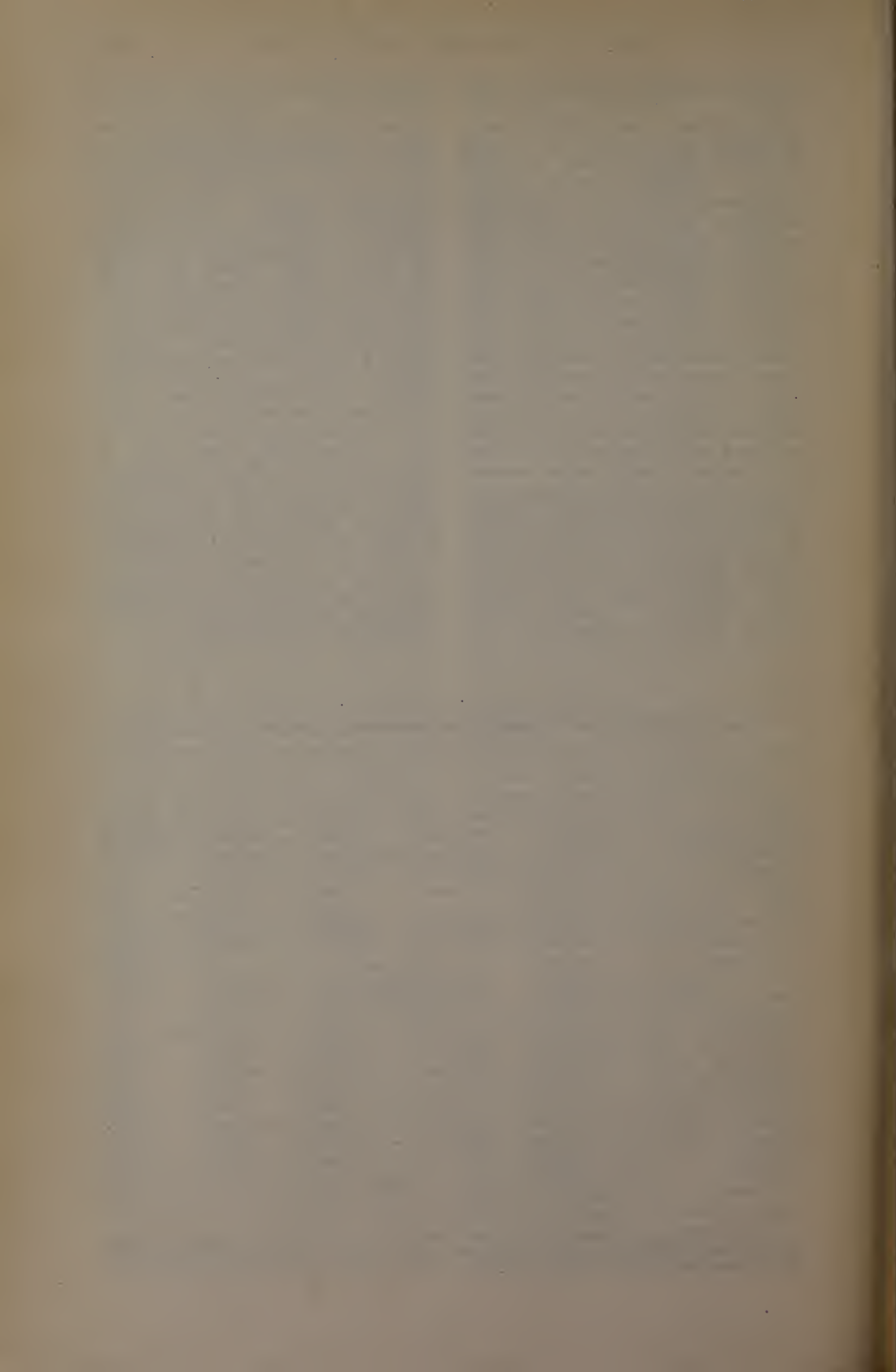
The University of Colorado was engaged in 1925 in excavating and removing specimens from ruins in the region south of the Mesa Verde national park for its museum, under a government permit. A permit was granted the same university in 1929 to conduct a reconnaissance in parts of La Plata county during 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.

VALUE OF BUILDING PERMITS IN PRINCIPAL CITIES AND TOWNS

Town	1925	1926	1927	1928	1929
Boulder.....	\$ 552,635	\$ 346,710	\$ 416,930	\$ 326,475	\$ 216,510
Colorado Springs..	1,162,655	777,361	577,398	812,495	1,030,026
Denver.....	25,182,010	14,591,000	15,902,650	15,958,400	16,633,300
Durango.....	150,000	174,780	205,305	282,249	162,352
Eads.....	16,500	1,000	3,000	2,000	15,000
Eaton.....	50,000	.....	90,000	121,530	12,900
Englewood.....	229,325	257,777	200,000	169,428	148,097
Fort Collins.....	823,020	293,326	223,292	333,866	276,578
Fort Morgan.....	350,000	.....	.....	.....	199,965
Grand Junction...	465,906	205,990	204,950	236,145	316,938
Greeley.....	395,803	1,046,870	644,395	624,919	453,527
Lafayette.....	15,000	1,500	1,500	2,750	1,500
La Junta.....	110,571	20,000	200,000	60,000	1,040
Littleton.....	145,000	45,000	10,000	35,000	30,000
Longmont.....	371,855	125,000	105,000	115,000	127,515
Manitou.....	72,000	41,320	23,700	21,225	25,295
Platteville.....	5,000	5,000	3,000	7,000	23,869
Pueblo.....	2,342,200	1,245,041	1,625,382	1,468,012	1,572,521
Sterling.....	23,711	147,874	146,200	402,180	123,705
Trinidad.....	155,160	.....	42,000	255,834	205,000
Total.....	\$32,618,351	\$19,325,549	\$20,624,702	\$21,234,508	\$21,575,638

Note.—No reports were received for 1926 from Eaton, Fort Morgan and Trinidad, and none for Fort Morgan in 1927 and 1928. Total amount of building permits in 1924 was \$33,157,975.



INDEX

A

Accidents (see Mortality Statistics)
 Acreage (see Area)
 Agricultural College (see Education, State Institutions)
 agricultural extension service..... 56
 Agricultural implements, value of...
 174, 176
 Agricultural lands (see lands)
 acreage assessed, by years.....173A
 area by counties.....12A, 114
 assessed value, 1929.....114
 distribution of.....114
 general description..... 6
 in national forests..... 35
 Agriculture (see Stockraising, Dairy-
 ing, Horticulture, Poultry, Bees
 and honey, and all farm crops by
 name)
 agricultural extension service..... 56
 comparative state acreage produc-
 tion and value..... 57
 compared with mining and manu-
 facture165
 farm value indiv. crops 1929 by
 counties60-61
 historical tables of.....89-102
 history and progress of..... 57
 rank of counties in..... 13
 relation of state to U. S.....12, 88
 under federal reclamation projects. 44
 Airports, aircraft, pilots and routes..295
 Alcohol, industrial manufacture of...160
 Alfalfa
 acreage distribution chart..... 78
 acreage, production, value..... 79
 av. no. acres per farm in.....109
 number of farms reporting.....107
 per cent of farms reporting.....108
 Alfalfa seed
 acreage, production, value.....59, 85
 Altitudes
 high and low points.....4, 9
 highest bridge.....297
 of lakes and reservoirs..... 22
 of mountains.....4, 9, 20
 of mountain passes.....23-27, 37
 of state, general..... 4
 of towns and cities... folder in pocket
 Apples (see Horticulture)
 carload shipments of..... 86
 historical table..... 99
 production, value.....59, 158
 number of trees.....157
 summary of U. S. crop..... 88
 Apricots (see Horticulture)
 production and value.....158
 Archaeological298
 Area (see Land)
 of agricultural land.....114, 173A
 of cities and towns... folder in pocket
 of state.....4, 6, 12A
 of counties.....12A, 16
 of cultivated land..... 60
 of dry farming land.....
 12A, 114, 122, 173A
 of farms.....57, 104, 105, 106
 farm land assessed by years..... 119
 of federal lands.....233, 242-245
 of fruit lands.....12A, 123, 173A
 of hay lands.....123, 173A
 of grazing lands..12A, 114, 124, 173A
 of homestead lands.....12A, 29
 of irrigated land.....
 12A, 43, 114, 121, 173A
 of national forests.....12A, 31
 of national parks..... 7
 rank of counties in..... 13
 of state land.....12A, 30

Assessed valuation (see Taxation)
 cities and towns.....folder in pocket
 comparative174, 176
 counties173
 detailed statement by counties.....
 172, 174, 173
 equities in state land.....116-117
 farm lands.....120
 farm property.....116
 livestock116, 132, 133, 144
 per capita..... 16
 poultry and bees.....116
 railroads and public utilities..171, 175
 farm property.....114
 per capita..... 16
 rank of counties in..... 13
 Automobiles (see Motor Vehicles)
 Auto accidents (see Mortality Sta-
 tistics)

B

Banks
 clearings of principal cities.....259
 deposits, assessed value.....174, 176
 deposits by towns... folder in pocket
 deposits by years.....252
 deposits, per capita..... 16
 deposits, rank of counties in..... 13
 federal land and joint-stock.....237
 general data.....259-263
 names and location of.....260
 Barley
 acreage, production, value.....59, 60, 72
 av. no. acres per farm in.....109
 av. yield for 5 years.....112
 distribution chart..... 73
 historical table..... 92
 irr. and non-irr. acreage, yield and
 production 72
 number of farms reporting.....107
 per cent of farms reporting.....108
 per cent of cultivated area in.....110
 per cent irr. and non-irr.....111
 summary of U. S. crop..... 88
 Beans
 acreage distribution chart..... 78
 acreage, production, value.....
 59, 60, 77, 81
 carload shipments of..... 86
 historical table.....97, 100
 per cent irr. and non-irr.....111
 summary of U. S. crop..... 88
 Bees and Honey
 assessed value.....116, 152, 174, 176
 number stands on farms.....152, 153
 progress of industry.....153
 Beets
 acreage, production, value..59, 60, 81
 average number of acres in.....109
 Colorado's relation to U. S..... 88
 distribution chart..... 80
 historical table..... 95
 number farms reporting.....107
 per cent of farms reporting.....108
 per cent of cultivated area in.....110
 summary of U. S. crop..... 88
 Berries (see Horticulture)
 Beverages
 Bicycles, assessed value.....174
 manufacture of.....156
 Blackberries (see Horticulture)
 production and value.....158
 Bonded Indebtedness
 of counties, 1929.....272
 of school districts.....272
 of towns and cities... folder in pocket
 summary272
 Boy Scouts.....276
 Broadcasting Stations.....288-289
 Brood Sows (see Swine)

Broom corn	
acreage, production, value.....	59, 81
distribution chart.....	80
historical table.....	98
summary of U. S. crop.....	88
Building operations and permits.....	298
Butter and cheese (see Dairying, manufacturing)	

C

Cabbage	
acreage, production, value.....	59, 83
carload shipments of.....	86
historical table.....	102
summary of U. S. crop.....	88
Cantaloupes	
acreage distribution chart.....	84
acreage, production, value.....	59, 85
carload shipments of.....	86
historical table.....	100
summary of U. S. crops.....	88
Carload shipments of crops.....	86
Carrots	
carload shipments of.....	86
Cattle (see Livestock, Cows, Dairy- ing)	
assessed value, 1929.....	144
average value by years.....	142
distribution chart.....	136
in national forests.....	34
no., value, receipts.....	
.....127, 128, 131, 132, 135, 137	
rank of counties in.....	13
Cauliflower	
acreage, production, value.....	59, 83
carload shipments of.....	86
historical table.....	102
summary of U. S. crop.....	88
Celery	
acreage, production, value.....	59, 83
carload shipments of.....	86
historical table.....	101
summary of U. S. crop.....	88
Cheese (see Dairying)	
Cherries (see Horticulture)	
production, value.....	59, 158
Charts	
alfalfa acreage.....	78
barley acreage.....	73
bean acreage.....	78
beet acreage.....	80
broom corn acreage.....	80
cantaloupe acreage.....	84
cattle and cows distribution.....	136
corn acreage.....	70
cost of living.....	276
distribution of crop values.....	60
distribution of fruit values.....	84
distribution of highway costs.....	222
distribution of cultivated area.....	60
highway districts.....	223
hours of daylight.....	50
lettuce acreage.....	82
manufacturing progress.....	165
mineral production.....	186, 196
oats acreage.....	70
pea acreage.....	82
potato acreage.....	73
rainfall in Denver.....	48
rainfall in towns and cities.....	51
relative humidity of cities.....	49
relative importance of crops.....	87
rye acreage.....	75
sheep and swine distribution.....	139
sorghum acreage.....	75
temperature in Denver.....	48
value metals mined.....	196
wheat acreage.....	65
Chickens (see Poultry)	
Chinese population.....	14
Church population.....	290
Cigar manufacturing.....	297
Cities (see Towns and Cities)	
Clay deposits.....	207
Cliff Dwellers (see Archaeological National Parks)	

Climatological data	
characteristics.....	46
Denver weather conditions.....	47
general description.....	9, 46
hours of daylight.....	50
humidity.....	46
length of growing seasons.....	49, 54
precipitation.....	53
rainfall chart.....	51
relative humidity of cities.....	46, 49
snowfall.....	47
temperatures.....	46, 52
velocity of winds.....	48
Clover acreage.....	79
Coal (see Mines and Minerals)	
coal lands.....	12A
federal reserves.....	243
general description.....	197, 199
production by years.....	198, 199
production by counties.....	199
rank of counties in mining.....	13
state coal lands.....	30-31
Coke production.....	208
Colleges (see Education)	
Colorado (see History, Political, Cli- matological data, state lands, In- stitutions)	
brief land history.....	10
constitutional convention.....	251
cost of living in.....	273-275
drainage and water supply.....	6
early history.....	5
earthquakes in.....	296
educational system.....	208-218
elected officials, executive and leg- islative.....	245, 246, 249, 251
exports from.....	58
game reserves.....	281
general description.....	4
land classification by acreage.....	6, 12A, 17
legal holidays in.....	284
libraries in.....	285
museums in.....	294
national guard.....	286
persons in governmental service.....	286
population.....	5, 14, 15
rank among states.....	12
relation to agriculture in U. S.....	12, 88
revenues and disbursements.....	182, 183, 219
school lands.....	12A, 17, 29
standard time in.....	284
total wealth.....	298
troops in world war.....	262
value state property.....	218
value farm property.....	118
Colorado national monument (see Na- tional Parks and Monuments)	
Commercial organizations.....	264
Commissioners, county.....	256
Committees, national and state.....	257
Condensed Milk (see Dairying, Manu- facturing)	
Congressmen (see Officials elected)	
Constitutional Convention, state.....	291
Consuls, foreign, in Colorado.....	241
Copper (see Mines and Minerals)	
production to end of 1928.....	192
production by years.....	190
production, 1928, by counties.....	194
Corn	
acreage, production, value.....	59, 60, 69
av. no. acres each farm in.....	109
average yield 5 years.....	112
distribution chart.....	70
irr and non-irr acreage, yield and production.....	69
historical tables.....	90
number of farms reporting.....	107
per cent of farms reporting.....	108
per cent irr. and non-irr.....	111
per cent of cultivated area in.....	110
production chart.....	93
summary U. S. crop.....	88
sweet.....	83

Cost of living.....	273-275
Cost of producing crops.....	87
Counties	
acres irr. land assessed.....	12A, 114
acres farm land assessed.....	116, 117
area of.....	12A, 17
assessed valuation by years.....	173, 174, 178
assessed valuation per capita.....	16
assessed valuation farm lands.....	16
bank deposits, per capita.....	16
banks in.....	260, 263
bonded indebtedness of.....	209
commercial organizations in.....	264
county commissioners.....	256
county seats, railroad distances, population.....	18
disbursements for highways.....	226
distribution of agricultural land.....	114
early history of.....	11
elected officials.....	254, 255, 256
election returns by.....	258
farm property values.....	118
gasoline taxes.....	293, 299
highway mileage and classification.....	228
highway revenues.....	224
irr. areas, irri. enterprises, investments in.....	12A, 41, 43
land classification, area, homesteads, in, etc.....	12A
manufacturing in.....	166
mineral output.....	192, 194
number farms in.....	63, 106
population, composition and characteristics of.....	14, 15, 16
prisoners in jails of.....	287
railroad and telegraph mileage in.....	171, 175
rank in area, pop., assessed val., bank deposits, agriculture, livestock, manufacturing, automobiles, highways, railroads, etc.....	13
representation in senate and house.....	252, 253
revenues and levies.....	183A
school revenues.....	181A, 213
taxes assessed per capita.....	16
tax distribution.....	181A
taxes, licenses, permits, 1922.....	168, 170
value of crops.....	60
County officials.....	254-255, 256
County seats, pop. and distances from Denver.....	18
Courts, federal.....	236
state (see Elected officials)	
Cows (see Livestock, Cattle)	
assessed value, 1929.....	144
average value by years.....	142
distribution chart.....	136
heifers broken for milk.....	113
number, by years.....	130
number milked.....	149
rank of counties in.....	13
Creameries (see Dairying)	
Crime conditions.....	283
Crop reporting service.....	57
Crops (see individual crops, Agriculture)	
average acreage per farm in.....	109
average yields per acre.....	112
carload shipments of.....	86
comparative state acreage, production and value.....	57, 59
cost of production.....	87
distribution chart.....	62
garden crops.....	85
acreage, production, value.....	57, 59, 60
historical tables of.....	89-103
miscellaneous.....	72, 74, 76
number of farms reporting.....	107
per cent grown with and without irrigation.....	111
price units of.....	78
relative importance of.....	87
summary U. S.....	88
Crude oil (see Oil and Natural Gas)	

Cucumbers	
acreage, production, value.....	55, 81
historical table.....	106
summary of U. S. crop.....	88
Currants (see Horticulture)	
production and value.....	158

D

Dairying (see Cows, Cattle)	
history and growth of.....	146, 147, 148, 149
number of milk cows on farms.....	132, 137
Daylight, hours of, Denver, Pueblo, Colorado Springs.....	50
Death rates (see Mortality statistics)	
Debt, public (see Bonded Indebtedness)	
farm.....	87
Denver Mint.....	239
Denver weather conditions.....	47
Denver, cost of living.....	275
Distances	
between towns in state.....	19
between Denver and county seats.....	18
Districts, political.....	229, 230
District attorneys and district judges (see Officials elected)	
Divorce (see Marital conditions)	
Drainage and water supply of state.....	6
Dry farming land	
acreage assessed.....	12A, 122, 173A
area in counties.....	12A, 114
average value by years.....	125, 173A
per cent of agricultural land.....	114
Ducks (see Poultry)	

E

Earthquakes.....	296
Education (see Institutions)	
average salary of teachers.....	215
colleges and universities.....	211
Colorado's educational system.....	208-218
cost per capita by years.....	214
county supt. of schools.....	255
permanent school fund.....	30
libraries in state.....	285
private schools.....	211
receipts, expenditures, public schools.....	210, 213
school revenues by counties.....	181A, 213
school enrollment by years.....	208, 209, 210
school bonds outstanding.....	209
school tax distribution.....	181A
state institutions.....	176, 219
school population, teachers.....	212
value school property.....	210
Eggs (see Poultry)	
Election returns (see Political)	
Electric power.....	128
Emmer	
acreage, production, value.....	59, 81
Elks, B. P. O. of.....	276
Executions in Colorado.....	283
Exports, Colorado.....	58
Extension service, agricultural.....	56

F

Farms	
acreage cultivated, tenure.....	57, 105
acres assessed.....	119
assessed value of land.....	116
average no. acres in crops.....	109
distribution agricultural land.....	114
miscellaneous data.....	113
mortgage debts of.....	87
per cent reporting principal crops.....	108
per cent in principal crops.....	110
number reporting principal crops.....	107
number, size and tenure of.....	57, 63, 104, 105, 108
silos, tractors and trucks on.....	90
area and value.....	57

Farm gardens.....	85
Farm property	
assessed value.....	116
value by years (census).....	118
Farm tenure.....	104, 105, 106
Farm utilities.....	113
Federal Aid projects (see Highways, United States government)	
Federal departments in Colorado (see United States government).....	232, 234, 236
Federal land and joint stock banks.....	237
Federal lands and reserves.....	12A, 233, 242-245
open to homestead entry.....	29
water power sites.....	49
Federal land districts.....	29
Federal reclamation projects.....	44
Fish and Game (see Game).....	39
Fitzsimons (army) hospital.....	156
Floriculture.....	154
Food, products, cost of.....	273-275
Foreign governments, representatives of.....	241
Forests (see National forests)	
Forest fires.....	33, 35
Fort Logan.....	240
Frosts, first and last.....	49, 54
Fruits and fruit trees (see Horticul- ture)	
Fuel oil.....	205

G

Game, wild	
fish hatcheries.....	39
fishing licenses.....	41
state game refuges.....	40
in national forests.....	34
Gardens, farm	
acreage, production, value.....	85
Gasoline tax.....	293, 299
source of supply.....	298
Geese (see Poultry)	
Geography of state.....	4
Glaciers.....	47
Goats (see Livestock)	
Gold (see Mines and Minerals)	
coined at Denver mint.....	239
production in 1928.....	194
production to end of 1928.....	192
production by years.....	190
Government land (see Homestead land, federal land and reserves)	
Governors (see Officials elected)	
vote for.....	257
Grand Valley reclamation project....	45
Grapes (see Horticulture)	
number of vines.....	157
production, value.....	59, 158
Grazing land	
acres assessed in 1929.....	12A
acres assessed 1914-1929.....	124
area in counties.....	12A, 114, 173A
average value by years.....	126, 173A
in national forests.....	34
state grazing land.....	30
Greenhouses (see Floriculture)	
Growing seasons (see Climatological data)	

H

Harvesters on farms.....	113
Hay and hay land	
acreage, production, value.....	12A, 59, 60, 79
acreage assessed.....	123, 173A
average value by years.....	126, 173A
historical table.....	96-97
summary of U. S. crop.....	88
Health (see Climatological data, mor- tality statistics)	
Hens (see Poultry)	
Hershey acreage.....	79

Highways	
chart of highway districts.....	223
construction and maint. costs.....	221
county disbursements for.....	226
county revenues for.....	224
gen. description, management.....	220
in national forests.....	36
mileage and classification.....	228
rank of counties in mileage.....	13
History	
of agriculture.....	57
land history.....	10
of mining.....	184
of state, general.....	5
Hogs (see Swine)	
Holidays, legal.....	284
Holy Cross national monument (see national parks and monuments)	
Homestead land	
area and location.....	12A
general description.....	28
in national forests.....	35
per cent of total.....	17
Homicides (see Mortality statistics)	
Honey (see Bees and Honey)	
Horses (see Livestock)	
assessed value, 1929.....	144
average value by years.....	141
no., value, receipts.....	128, 130, 132, 133
Horticulture	
acreage assessed.....	123, 173A, 176
area fruit land by counties.....	12A
comparative assessments.....	176
distribution chart.....	84
general description.....	154
number of trees.....	157
small fruits.....	154
value of crops by years.....	52, 60, 158
Hospitals in state.....	289
Fitzsimons hospital.....	156
U. S. Veterans.....	236
Hovenweep national monument (see National parks and monuments)	
Humidity (see Climatological data)	
Hunting and fishing licenses.....	41

I

Immigration, board of.....	3
Indians	
agencies and population.....	233
population by counties.....	14
land treaties with.....	11
Industrial accidents.....	291
Industrial alcohol.....	160
Industrial Schools (see Institutions)	
Insane hospital (see State Institu- tions)	
Institutions, state disbursements, in- ventory, population, etc.....	176, 216, 217, 218, 219
educational.....	176, 219
Insurance statistics.....	278-279, 292
Internal revenue (U. S.) from Colo- rado.....	240, 241
Irrigation development.....	41, 43
runoff of streams.....	44
Irrigated lands	
acres assessed, 1914-1929.....	12A, 121
area, enterprises, investment.....	41, 43, 114
area by counties.....	12A, 43
average value by years.....	125, 173A
comparative assessments.....	176
federal projects.....	44
general description.....	41, 43, 44
per cent of agri. land.....	114
taxes, irrigated districts.....	168, 169
Irrigated and non-irr. crops, average yield, 5 years.....	72, 112
barley.....	111
beans.....	111
corn.....	69
oats.....	71
per cent crops grown with and without irrigation.....	111
potatoes.....	74

sorghums	77
wheat	64, 66, 67
Iron (see Mines and Minerals)	

J

Jails, prisoners in	287
Japanese population by counties	14
Judges, vote (see Officials elected)	
county	255
Judicial Districts	243

K

Knights of Columbus, no. in state	276
---	-----

L

Lakes and reservoirs	
highest in state	9
location and altitude	22
Land (see Agricultural land and all	
classes by name)	
acreage assessed by years	
.....119-124, 173A	
area of counties	12A
assessed value, 1912-1929	174
av. value hay and grazing	126, 173A
av. value irrigated and dry farm-	
ing	125, 173A
classification of	6, 12A, 17
Colorado land history	10
comparative assessments	176
farm land assessed	116
federal land	12A, 28, 242
fruit land assessed	173A
homestead land	12A, 17, 28
in national forests	12A
irrigated (see Irrigation develop-	
ment)	
patented, area by counties	12A
patented, val. improvements	116
patented, percentage	17
state land unappropriated	12A
land grants	31
Lead (see Mines and Minerals)	
production to end of 1928	192
production by years	190
production by counties	194, 195
Legislative representation	252, 253
Lettuce	
acreage, production, value	59, 83
acreage distribution chart	82
carload shipments of	86
historical table	103
summary U. S. crops	88
Libraries, location, volumes	285
Living, cost of	273, 276
Livestock (see animals by name)	
assessed value	116, 174, 176
average values	141-143
dairy industry	146
history and progress of	127
in national forests	34
number on farms and value	
.....118, 131, 140	
Lumber industry (see Timber)	294
Lynchings	284

M

Manufacturing	
assessments on capital	174, 176
by industries	161, 163
beverages	156
compared with mining, agriculture	165
data on industries by years	161
cigar industry	297
dairy output	146-149
industrial alcohol	160
industry by counties	166
in towns and cities	167
history and growth of	159
lumber industry	294
oleomargarine	160
printing and publishing	160
rank of counties in	13
rubber products	160

Maps (see Charts)	
of state	folder in pocket
Marital conditions	277, 278
Masons, number in state	276
Melons	
acreage, production, value	59, 85
carload shipments of	86
Mesa Verde national park (see Na-	
tional parks and monuments)	
Metal production (see Mines and	
Minerals)	
Milk (see Dairying)	
Millet, acreage prod., value	59, 79
Mines and Minerals (see principal	
minerals by name)	
acreage mineral land assessed	12A
assessed val. improvements	174, 176
average price metals	185
coal	197
coke production	208
comparison chart	186, 196
cost, timbering mines	42
deepest mine in state	9
metals found in state	196
minerals found in the state	207
mineral resources, history, produc-	
tion and progress	184-208
mining upon public domain	243
oil and gas	200
oil shale	205
principal industries	185
rank among states	184
rank of counties in	13
stone and non-metals	207
value of production by years	186, 187
Mineral waters	38
Mint at Denver	239
Moffat Tunnel	277
Monuments, national (see National	
parks and monuments)	
Mortality statistics	279-283
death rate and causes of	280, 281
deaths from auto accidents	282
deaths from strong drink	283
homicides	282
industrial accidents	291
legal executions	283
lynchings	284
suicides	281, 284
Mortgage, debt, farms	87
Motor vehicles	
assessed valuation	174, 176
deaths from auto accidents	282
number visiting parks	8
rank of counties in	13
registration and receipts by years	
.....229, 230	
trucks and tractors on farms	113
Mountains, altitudes, locations	4, 9, 20
Mountain passes, location, altitude	
.....23-27, 37	
Mules (see Livestock)	
assessed value, 1929	144
average value by years	141
no., value, receipts	130, 132, 134
Municipalities (see Towns and Cities)	
Museums in Colorado	294

N

National forests	
area by counties	12A, 17
general description	7, 31-36
highway construction in	36
number visitors in	35
Narcotic law operations	238
National guard	236
National committees	257
National Parks and Monuments	
area	12A
general description	7
number of visitors in	8
Natural gas (see Oil and natural gas)	
Negro population by counties	14
Non-taxable wealth in Colorado	231

O

Oats	
acreage, production, value...	59, 60, 71
av. no. acres each farm in.....	109
distribution chart.....	70
historical table.....	91
irr. and non-irr. acreage, yield and prod.	71
number of farms reporting.....	107
per cent irr. and non-irr.....	111
per cent of farms reporting.....	108
per cent of cultivated area in.....	110
summary U. S. crop.....	88
Officials, elected	
county	254, 255, 256
district judges and attorneys.....	248
state	245, 246, 249, 251
towns and cities.....	folder in pocket
U. S. senators and representatives	246, 249
Oil and natural gas	
deepest well in state.....	9
fuel oil distribution.....	205
history and development of.....	200
federal reserves.....	244
natural gas.....	201
producing oil fields.....	202
production by years and fields.....	200, 203
state land leases.....	29, 30
wells drilled, completed or aban- doned	201, 202, 204, 205
Oil shale	
federal reserves.....	243
history and development of.....	205
Oleomargarine manufacture.....	160
Onions, acreage, prod., value.....	59, 85
carload shipments of.....	86
historical table.....	98
summary U. S. crop.....	88

P

Parks (see National Parks)	
Parochial Schools (see Education)	
Passes, mountain.....	23, 27
Patented land (see Land)	
area assessed.....	12A
assessed value improvements on.....	116
per cent of total area.....	17
Peaches (see Horticulture)	
carload shipments of.....	86
historical table.....	99
number of trees.....	157
production value.....	59, 158
summary U. S. crop.....	88, 158
Pears (see Horticulture)	
carload shipments of.....	86
historical table.....	99
number of trees.....	157
production, value.....	59, 158
summary U. S. crop.....	88, 158
Peas	
acreage, production, value.....	59, 81
carload shipments of.....	86
distribution chart.....	82
historical table.....	102
Penitentiary, state (see Institutions)	
disbursements and value.....	216
population of.....	216
Pensions paid in Colorado.....	238
Per capita statistics	
assessed valuations by counties...	16
cost of education.....	214
population, bank deposits.....	16
taxes of counties.....	16, 169
taxes incorporated places.....	168, 169
taxes, all purposes.....	168

Percentages

all tax revenues.....	181A
area in principal crops.....	110
Colorado crops to U. S. crops.....	12
Colo. resources to U. S. resources..	12
crops grown with and without ir- rigation	111
farms reporting principal crops...	108
land classification.....	17, 114
population increase.....	5, 15
tax distribution.....	181A
wheat, irr. and non-irr., spring and winter	64, 66, 68
Persons in governmental services...	286
Petroleum (see Oil and natural gas)	
Planes (see Airports)	
Plums (see Horticulture)	
number of trees.....	157
Political (see Officials, elected)	
data on legislative representation and districts.....	252, 253
national and state committees....	257
state constitutional convention....	291
vote for president and governor...	257, 258
Population	
church	290
of counties, composition and char- acteristics	14, 15
county seats.....	18
distribution and per capita.....	15
incorporated towns.....	folder in pocket
Indian	14, 233
marital condition of.....	278
rank of counties in.....	13
senatorial and representative dis- tricts	252, 253
state, increase of.....	5
state, institutions.....	216, 217
Postoffices in Colorado, stamp sales of, no. offices, etc.....	267, 271
Public libraries.....	285
Public utilities (see Railroads, Tele- phone and Telegraph companies)	
Potash, federal permits.....	244
Potatoes	
acreage, distribution chart.....	73
acreage, production, value.....	59, 60, 74
av. no. acres each farm in.....	109
av. yield, 5 years.....	112
carload shipments of.....	86
historical table.....	94
irr. and non-irr. acreage, yield and production	74
number of farms reporting.....	107
per cent of cultivated area in.....	110
per cent irr. and non-irr.....	111
per cent of farms reporting.....	108
summary of U. S. crops.....	88
Poultry	
assessed value.....	116, 174, 176
general information.....	150
no. on farms and value.....	151, 152, 153
Power, water (see Water power)	
electric	128
Precipitation (see Climatological data)	
Printing and Publishing (see Manu- facturing)	
status and progress.....	160
Prisoners in county jails.....	287
Prisoners and crime conditions....	283
Prohibition (see Mortality statistics)	
federal operations.....	237
Public libraries.....	261
Pumpkins, acreage.....	85
Public schools (see Education)	
Public utilities (see Railroads, Tele- phone and Telegraph companies)	
detailed statement of assessments.	175, 176, 178
of towns and cities.....	folder in pocket
operating water power plants.....	55

R

Radio development and statistics.....	289
Railroads	
distances between towns.....	19
mileage by roads.....	9
mileage and value by counties.....	171, 175
Moffat tunnel.....	277
rank of counties in mileage.....	13
right-of-way acreage.....	12A
valuation.....	176, 178
Rainfall (see Climatological data)	
Rank	
of counties in area, pop., agricul- ture, bank deposits, mining, man- ufacturing, livestock, automo- biles, highways, railroads, etc....	13
of manufacturing industries.....	159, 165
of state, general.....	12
of state, mining.....	184
Raspberries (see Horticulture)	
production, value.....	158
Reclamation projects.....	44
Recreation (see Tourist attractions)	
Representatives (see Officials elect- ed)	
Reservoirs, location and altitude....	22
Revenue (see Taxation)	
Rivers of Colorado.....	4, 6, 44
Rocky Mountain National Park (see National parks and monuments)	
Roads (see Highways)	
Royal Gorge bridge.....	297
Rubber products manufactures.....	160
Ruins, archaeological (see National Parks)	
discoveries in state.....	298
Rye	
acreage, production, value.....	59, 60, 76
av. no. acres each farm in.....	109
distribution chart.....	75
historical table.....	93
number of farms reporting.....	107
per cent of cultivated area in.....	110
per cent of farms reporting.....	108
summary U. S. crop.....	88

S

Scenic attractions.....	8, 35, 36
Schools (see Education)	
School lands (see State lands)	
Senatorial and representative dis- tricts.....	252, 253
Senators (see Officials elected)	
Shale (see Oil Shale)	
Sheep	
assessed value, 1929.....	144
average value, by years.....	143
distribution chart.....	139
in national forests.....	34
number, value, receipts.....	127, 128, 129, 131, 132, 138
rank of counties in.....	13
Sheriffs (see Officials elected)	
Silver (see Mines and Minerals)	
coined at Denver mint.....	239
production by years.....	190
production by counties.....	194, 195
production to end of 1928.....	192
Silos on Farms.....	113
Size of farms (see Farms)	
Snowfall.....	47
Sorghums	
acreage, production, value.....	59, 60, 76
acreage distribution chart.....	75
av. no. acres each farm in.....	109
historical table.....	103
number farms reporting.....	107
per cent of farms reporting.....	108
per cent of cultivated area in.....	110
summary of U. S. crop.....	88
Spinach	
carload shipments of.....	86

Stamp sales (see Postoffices)	
Standard time in Colorado.....	284
Squash, acreage.....	85
State (see Colorado)	
State lands	
areas unappropriated.....	12A, 29
assessed val. of equities in.....	116
coal.....	30, 31
general description.....	29
per cent in counties.....	17
permanent school funds.....	30
State officials, elected.....	245, 246, 249, 250, 251
State, penal, eleemosynary and edu- cational institutions (see Insti- tutions)	
Stockraising (see Livestock)	
Stone deposits in state.....	207
Strawberries (see Horticulture)	
production and value.....	158
Sudan grass, acreage.....	79
Sugar bets (see Beets)	
Sugar industry (see Manufacturing)	
Suicides in state.....	281, 284
Supreme court.....	249
Swine (see Livestock)	
assessed value, 1929.....	144
average value, by years.....	143
brood sows on farms.....	113
distribution chart.....	139
number, value, receipts.....	127, 128, 131, 132, 140
rank of counties in.....	13
slaughtered on farms.....	113

T

Taxation (see Assessed valuation)	
comparative data.....	176
counties, per capita.....	16
counties, 1922.....	168, 170
counties, assessed valuation by years.....	173, 174, 176, 178
disbursements of state.....	183
distribution general taxes, 1929.....	181A
distribution general taxes by years.....	176
gasoline taxes.....	293, 299
incorporated places (towns).....	169
motor vehicles.....	174, 229, 230
number and classes internal rev. taxpayers.....	242
per capita val. and assessments.....	16
sources, amt., state revenues, 1923- 1927.....	182
state gasoline tax.....	293, 299
summaries and tables.....	167, 183
summary all government revenue.....	168
taxable and non-taxable property.....	231
U. S. internal rev. by years.....	240, 241
valuations, taxes, mill levies.....	172, 176, 180
Teachers (see Education)	
Telegraph companies (see Telephone)	
Telephone and telegraph companies	
general.....	9
mileage and valuation.....	9, 171, 175, 176, 178
number of telephones.....	271
Temperature (see Climatological data)	
Tenure, farm.....	104, 105
Timber (see Lumber industry)	
acreage, land assessed.....	12A
in national forests.....	32
used in mines.....	42
Time, standard in Colorado.....	284
Timothy, acreage.....	79
Tomatoes	
acreage, value, production.....	59, 83
carload shipments of.....	86
historical table.....	101
Tourists, attractions, no. of.....	8, 35, 36
fish and game.....	39
recreation in national forests.....	34

Towns and cities (see Postoffices, county seats)	
area	12A
bank clearings of.....	259
building permits.....	298
cost of living in.....	274
manufacturing in.....	167
railroad distances between.....	19
taxes, permits, etc.....	169
town lots, assessed value.....	174, 176
bonded indebtedness of.....	272
folder in pocket	
gazetteer, valuations, locations, population, officers, etc.....	
.....folder in pocket	
of highest and lowest altitudes...	9
manufacturing in.....	167
tax distribution.....	181A
taxes, licenses, etc., of principal, 1922	169
Tractors and trucks on farm.....	113
assessed valuation.....	174
Transportation (see Railroads)	
Turkeys (see Poultry)	

U

Uncompahgre reclamation project...	44
United States government (see National parks and monuments, homestead lands, national forests)	
area of land and reserves in state	12A, 233, 242
departments of in Colorado...	232, 245
employees and officials...	234, 235, 286
expenditures and receipts in Colorado	245
federal aid road projects.....	220
federal courts in Colorado.....	236
federal land grants.....	31
Fort Logan.....	240
highway construction.....	220
internal revenue from Colorado...	240, 241
land districts.....	29
land grants.....	31
mint	239
narcotic law operations.....	238
oil royalties.....	244
pensions paid.....	238
postoffice operations and stamp sales	267-271
prohibition operations.....	237
property in Colorado.....	233, 267
reclamation projects.....	44
veterans hospital.....	236
Universities (see Education)	
disbursements, enrollment, location, properties, revenues.....	176

V

Veterans hospital.....	236
Visitors (see National parks and monuments, National forests, Tourist attractions)	
Votes for elected officials (see Political)	

W

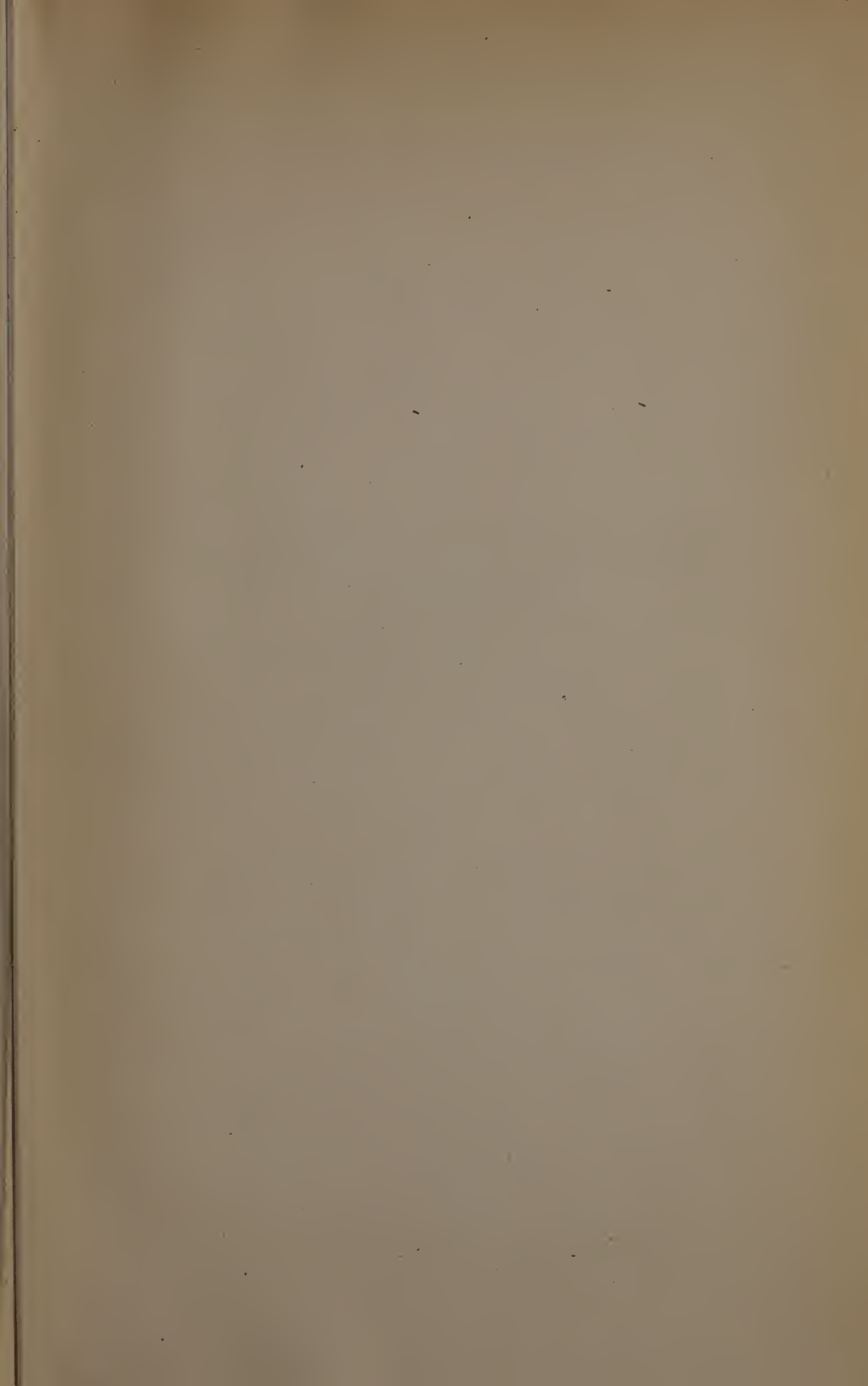
Wages and wage earners (see Manufacturing, Mineral Resources, Coal)	
Watermelons	86, 98
Water, mineral.....	38
Water, state's supply of.....	6
for irrigation (see Irrigation development)	
Water Power	
runoff of streams.....	44
snowfall	47
federal sites and reserves.....	55, 242, 243
general information.....	55
Water supply and drainage of state.....	6
Wealth of state.....	298
Weather (see Climatological data)	
Winds, velocity of.....	48
Wheeler national monument (see National parks and monuments)	
Wheat	
acreage, production, value.....	
.....59, 60, 64, 66, 68	
av. no. acres each farm in.....	109
av. yield, 5 years.....	112
chart of prod. and val.....	??
distribution of acreage.....	65, 67
historical tables.....	89
irr. and non-irr. acreage, yield and production	64, 66, 68
number of farms reporting.....	107
per cent of farms reporting.....	108
per cent of cultivated area in.....	110
summary U. S. crop.....	88
Wool	
production and values.....	127
Workmen's compensation.....	292
World war	
Colorado troops in.....	262

Y

Yield (see individual crops by name)	
five-year crop averages.....	112
Young Men's Christian Association.....	276
Young Women's Christian Association	276
Yucca house national monument (see National parks and monuments)	

Z

Zinc (see Mines and minerals)	
production to end of 1928.....	192
production by years.....	190
production by counties.....	194, 195



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GAZETTER OF CITIES AND TOWNS OF COLORADO, 1930

TOWN OR CITY	Date Incorporated	County	Altitude	Population Jan. 1, 1930 U. S. Census	Assessed Value Jan. 1, 1930	Municipal Tax Levy In Mills	Revenue	Area Acres Incorporated	Mayor	Clerk	Total Outstanding Bonds January 1, 1930	Water Works (M) Public (P) Private	Electric Lights (M) Public (P) Private	Sanitary Sewers	Deposits Bank	TOWN OR CITY	
Aguilar	1-16-1894	Las Animas	6,100	1,182	\$ 591,381	21.00	\$ 12,415.84	320	John Baccavolo	Mrs. Marie Hughes	\$ 42,000	9,000	M	P	No		Aguilar
Akron	9-22-1887	Washington	4,300	1,135	1,039,184	12.50	12,299.80	640	F. W. Lottas	D. H. Sloan	40,000	11,000	M	P	No	3,335,625.00	Akron
Alamosa	8-17-1893	Alamosa	7,500	5,107	2,355,671	20.00	18,512.46	640	George Lorton	Richard Davis	217,000	21,000	M	P	Yes	1,470,976.22	Alamosa
Animas City	12-24-1878	La Plata	1,500	467	112,300	17.20	2,145.67	60	W. H. Thompson	Catherine R. Connor	15,000		M	P	No		Animas City
Antelope	7-22-1889	Conjaco	2,855	488	449,495	15.00	7,230.05	240	Lute Reidel	W. D. Currell	79,300		M	P	No	132,491.00	Antelope
Arriba	1-2-1906	Lincoln	337	337	252,005	13.20	3,729.07	291	O. Y. Henscamp	W. E. Killewer	7,700		M	P	No		Arriba
Arroyo	8-22-1904	Jefferson	5,300	1,274	742,300	14.00	13,149.28	263	Wm. J. Bennett	Mrs. Malad Ladd	61,500	53,673	M	P	Yes	334,132.87	Arroyo
Aspen	4-1-1881	Pitkin	8,800	705	1,067,800	43.00	12,147.63	263	Fred D. Willoughby	Chas. Bailey, Sr.	71,900		M	P	Yes	410,401.60	Aspen
Aurora	4-11-1901	Weld	4,910	737	455,900	14.80	7,506.74	50	Jacob Hasbrouck	H. B. Smith	20,000		M	P	No	508,311.15	Aurora
Bakerville	8-26-1901	Essex	6,600	148	48,753	4.40	214.80	20	A. V. Hays	G. H. Lueckel	16,000		M	P	No		Bakerville
Barnes	1-22-1920	Adams	5,141	341	425,000	12.40	1,222.62	16	Norman H. Olson	Madeline V. Gibbs	16,000		M	P	No		Barnes
Berthoud	8-24-1884	Larimer	5,340	97	164,814	12.00	9,848.12	150	E. E. Slett	Lena M. Leamy	55,000		M	P	Yes	604,253.29	Berthoud
Blackhawk	4-12-1886	Gilpin	2,210	251	295,748	9.50	1,561.17	60	T. T. Slett	A. E. Gramson	6,000		M	P	Yes	38,396.00	Blackhawk
Blanca	7-14-1910	Costilla	8,400	445	329,300	9.50	2,545.45	1,200	George Olin	A. M. Weaver	12,000		M	P	No	95,411.00	Blanca
Boulder	1-1-1871	Boulder	5,350	11,223	13,161,762	10.70	142,451.73	2,400	L. W. Cumberland	Mayne Graham	642,500	660,100	M	P	Yes	4,170,962.78	Boulder
Breckenridge	1-26-1921	Summit	9,679	436	326,729	21.00	2,336.14	300	T. B. Thomas	John C. Goodler	42,500		M	P	Yes	149,526.00	Breckenridge
Brighton	1-1-1887	Adams	4,079	2,394	2,572,390	14.00	16,012.90	140	Harry D. Hays	Anna M. Walters	168,000	112,500	M	P	Yes	1,352,432.82	Brighton
Burlington	11-14-1925	Chaffee	7,400	761	510,416	14.00	28,054.63	590	Thurman Anthony	A. C. Harwood	241,000	151,000	M	P	Yes	214,261.70	Burlington
Callahan	5-10-1919	El Paso	5,604	309	313,850	16.00	2,744.11	740	John P. Hays	R. T. W. Hays	40,000		M	P	No	339,156.00	Callahan
Canon City	4-1-1882	Sawatch	5,233	292	313,850	16.00	2,744.11	740	John P. Hays	R. T. W. Hays	40,000		M	P	No	339,156.00	Canon City
Cannonville	4-24-1880	Garfield	6,000	291	341,910	16.00	4,162.96	80	P. K. Barthol	D. D. Tandy	22,000		M	P	No	23,955.60	Cannonville
Castle Rock	5-17-1881	Douglas	6,000	123	520,190	22.00	11,445.16	150	Harold A. Sater	I. S. Triplett	49,500		M	P	No	625,919.26	Castle Rock
Cedarburg	4-24-1880	El Paso	4,603	463	233,430	11.00	2,350.11	640	P. J. Stewart	C. W. Brower	29,000		M	P	No	128,825.21	Cedarburg
Cedarvale	1-18-1907	Saguache	2,643	1,011	482,712	12.50	6,014.71	60	Frank Hamilton	R. A. Allison	36,000		M	P	Yes	42,912.46	Cedarvale
Central City	5-12-1886	Gilpin	6,600	652	393,904	26.00	10,238.91	600	Robert Wilkinson	J. M. Thomas	75,500		M	P	Yes	266,422.42	Central City
Chama	4-24-1910	Ouray	1,000	252	104,400	12.00	1,244.00	60	Dr. O. W. Wade	H. H. Hays	42,000		M	P	No	156,457.00	Chama
Chaparral	5-14-1920	Cheyenne	4,242	195	613,641	12.00	10,422.04	600	R. A. Marshall	A. T. Morgan	42,000		M	P	No	156,457.00	Chaparral
Coal Creek	2-11-1882	Freemont	6,600	244	66,564	26.00	1,741.66	240	Chas. E. Hays	A. T. Morgan	42,000		M	P	No	156,457.00	Coal Creek
Colorado Springs	2-11-1882	El Paso	6,000	244	66,564	26.00	1,741.66	240	Chas. E. Hays	A. T. Morgan	42,000		M	P	No	156,457.00	Colorado Springs
Cortez	2-16-1918	Montezuma	6,200	1,418	1,074,190	19.00	11,624.85	100	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Cortez
Crawford	12-19-1910	Delta	6,200	1,418	1,074,190	19.00	11,624.85	100	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Crawford
Crested Butte	3-19-1892	Mineral	9,000	1,261	312,080	22.00	4,570.70	100	W. B. Roe	Mrs. D. Hays	24,000		M	P	No	160,682.00	Crested Butte
Cripple Creek	1-24-1880	Teller	4,215	86	37,310	14.00	401.13	30	W. T. Hays	Chas. E. Hays	16,000		M	P	No	226,827.00	Cripple Creek
Crowley	6-10-1921	Crowley	2,200	161	176,450	11.00	2,691.93	142	L. R. Gillet	Chas. E. Hays	14,700		M	P	No	226,827.00	Crowley
Dacona	9-23-1908	Weld	4,600	276	51,060	10.00	1,831.80	40	Alvin Lamb	Leo Bailey	8,000		M	P	No	58,270.00	Dacona
Dakota	1-18-1890	Monte	4,800	347	301,414	10.00	2,327.50	100	H. B. Lee	P. J. Stewart	15,000		M	P	No	100,279.70	Dakota
Danver	2-3-1903	Arapahoe	5,183	390	244,250	10.00	2,327.50	100	A. Peterson	C. O. Pierce	67,500		M	P	No	100,279.70	Danver
Del Norte	1-16-1885	Las Animas	6,200	1,021	467,004	18.00	9,847.94	160	James Strullberg	Ralph Gagliardi	44,500		M	P	No	621,517.00	Del Norte
Delta	7-24-1882	Delta	6,200	2,034	2,726,848	18.00	35,436.50	610	Louis Eickelberg	C. W. Brower	29,000		M	P	Yes	212,274.00	Delta
Dillon	11-7-1881	Dillon	6,200	2,034	2,726,848	18.00	35,436.50	610	Louis Eickelberg	C. W. Brower	29,000		M	P	Yes	212,274.00	Dillon
Dolores	7-18-1900	Montezuma	6,200	1,418	1,074,190	19.00	11,624.85	100	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Dolores
Durango	4-27-1881	La Plata	6,000	5,898	1,663,676	11.00	6,431.30	700	N. T. Thomas	Joe McHughen	622,100	140,300	M	P	Yes	2,941,451.62	Durango
Edwards	1-29-1914	Kiowa	1,262	619	374,176	20.00	7,100.60	302	A. R. Peliger	James C. Laird	69,000		M	P	No	397,461.11	Edwards
Engle	4-24-1880	Engle	3,400	341	301,414	10.00	2,327.50	100	A. R. Peliger	James C. Laird	69,000		M	P	No	397,461.11	Engle
Essex	1-26-1892	Weld	4,200	1,223	1,099,710	15.40	19,213.31	140	Joe L. Hays	M. H. Hays	12,000		M	P	No	609,921.15	Essex
Evans	1-16-1904	Yuma	1,800	369	269,579	16.00	4,312.16	140	George E. Hays	George E. Hays	39,000		M	P	No	59,950.00	Evans
Fairplay	6-14-1880	Jefferson	6,100	16	41,710	20.00	8,342.00	240	W. T. Hays	Chas. E. Hays	16,000		M	P	No	139,169.00	Fairplay
Florissant	10-29-1920	Elbert	6,400	266	188,355	4.60	1,007.45	101	Kenneth Hays	L. S. Hays	5,000		M	P	No	139,169.00	Florissant
Fort Collins	4-12-1882	Clear Creek	6,200	2,034	2,726,848	18.00	35,436.50	610	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Fort Collins
Fort Lupton	1-16-1880	Weld	6,200	2,034	2,726,848	18.00	35,436.50	610	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Fort Lupton
Fort Morgan	6-16-1887	Morgan	4,200	4,423	3,737,412	15.00	57,247.87	690	R. E. Hays	Paul G. Williams	158,000		M	P	No	1,844,046.56	Fort Morgan
Fort St. Vrain	1-16-1880	El Paso	6,200	2,034	2,726,848	18.00	35,436.50	610	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Fort St. Vrain
Frederick	9-29-1900	Weld	6,200	2,034	2,726,848	18.00	35,436.50	610	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Frederick
Fraser	12-15-1880	Summit	9,000	1,261	312,080	22.00	4,570.70	100	W. B. Roe	Mrs. D. Hays	24,000		M	P	No	160,682.00	Fraser
Fruta	4-15-1894	Mesa	4,612	1,063	600,483	23.50	71,711.39	150	John C. Hays	J. E. Hays	11,000		M	P	No	271,666.14	Fruta
Genoa	1-27-1905	Lincoln	218	218	148,217	9.00	1,697.00	40	Arthur P. Shultz	W. M. Hoffman	25,000		M	P	No	63,260.16	Genoa
Georgetown	11-16-1886	Clear Creek	6,400	303	446,009	13.00	5,799.23	397	Edward Hays	M. S. McFarland	14,812,519.00		M	P	No	148,219.00	Georgetown
Gillett	4-15-1912	Weld	4,752	224	142,811	6.00	806.86	506	F. C. Mays	M. S. McFarland	14,812,519.00		M	P	No	148,219.00	Gillett
Glenwood Springs	4-15-1886	Teller	9,000	50	15,670	17.50	3,719.19	400	J. F. McCoy	L. M. Hays	291,500		M	P	No	2,391,336.79	Glenwood Springs
Golden	1-27-1886	Jefferson	6,400	2,426	2,919,373	15.40	36,182.14	210	George F. Hays	A. A. Owens	192,500		M	P	Yes	1,024,879.22	Golden
Gould	1-27-1886	Teller	9,000	50	15,670	17.50	3,719.19	400	J. F. McCoy	L. M. Hays	291,500		M	P	No	2,391,336.79	Gould
Grand Junction	6-23-1887	Proctor	6,200	1,418	1,074,190	19.00	11,624.85	100	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Grand Junction
Granby	12-11-1905	Grand	6,200	1,418	1,074,190	19.00	11,624.85	100	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Granby
Grand Valley	4-11-1905	Grand	6,200	1,418	1,074,190	19.00	11,624.85	100	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Grand Valley
Greely	11-15-1885	Weld	4,752	224	142,811	6.00	806.86	506	F. C. Mays	M. S. McFarland	14,812,519.00		M	P	No	148,219.00	Greely
Green Mountain Falls	10-24-1916	El Paso	6,200	2,034	2,726,848	18.00	35,436.50	610	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Green Mountain Falls
Gunnison	3-1-1880	Gunnison	6,200	2,034	2,726,848	18.00	35,436.50	610	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Gunnison
Gypsum	12-15-1911	Essex	4,200	1,223	1,099,710	15.40	19,213.31	140	Joe L. Hays	M. H. Hays	12,000		M	P	No	609,921.15	Gypsum
Hartman	6-14-1880	Douglas	6,200	2,034	2,726,848	18.00	35,436.50	610	James C. Hays	J. E. Hays	11,000		M	P	Yes	212,274.00	Hartman
Hawthorne	1-27-1905	Lincoln	218	218	148,217	9.00	1,697.00	40	Arthur P. Shultz	W. M. Hoffman	25,000		M	P	No	63,260.16	Hawthorne
Haxton	1-27-1905	Lincoln	218	218	148,217	9.00	1,697.00	40	Arthur P. Shultz	W. M. Hoffman	25,000		M	P	No	63,260.16	Haxton
Hill	2-20-1926	La Plata	6,000	5,898	1,663,676	11.00	6,431.30	700	N. T. Thomas	Joe McHughen	622,100	140,300	M	P	Yes	2,941,451.62	Hill
Hinsdale	6-22-1883	Boulder	1,000	69	28,579	12.50</											

