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## RAINFALL MAP OF COLORADO



## MAP SHOWING RAINFALL AREAS OF COLORADO



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# YEAR BOOK

of the

## STATE OF COLORADO 1928-1929

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



#### STATE BOARD OF IMMIGRATION

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## Foreword

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ECAUSE of a financial situation which made it imperative for the various departments and other agencies of state government to exercise rigid economy, no edition of the Colorado Year Book was issued in 1928. In this volume an effort has been made, so far as is possible, to combine the

more important data for 1927 and 1928, thus preserving the chain of information despite the lapse of a year in issuing the publication. Detailed agricultural tables for the two years, however, are omitted for the reason that they are available in "Agricultural Statistics," a smaller publication issued annually by the Colorado Co-Operative Crop Reporting Service, and only 1928 crop tables are shown in this volume.

The Colorado Year Book, as its name implies, is an annual publication, prepared and published by the State Board of Immigration under authority of a statute passed by the General Assembly in 1918. That year marked the first consistent effort to collect, tabulate and publish, from year to year, authentic data tending to show the growth and development of the state and its industries and activities. The information thus preserved has become more valuable as succeeding years have made more comprehensive comparison's possible.

The information is obtained chiefly from official sources, unofficial data being accepted only when other sources are not available. Local pride and optimism are not permitted to color the statistics in any case, the effort being to lean toward the conservative in each instance. The Department acknowledges with genuine appreciation the increasing co-operation of public officials, local commercial organizations and others, whose consistent willingness to aid in preserving the story of Colorado's progress has made it possible to extend from year to year the scope of this work and thus to add to its value.

#### Appreciation

THE State Board of Immigration takes this occasion to express publicly its appreciation of the services of L. Wirt Markham, a member of the governing board of the Department from 1915 to the time of his death on April 22, 1929, at his home in Lamar. His unflagging zeal for Colorado, her industries and her institutions made him one of the outstanding citizens of the state, and his services as a member of the Immigration Department contributed largely to its development into an effective state agency. Since the organization of the state Colorado has had no more loyal citizen, nor a more enthusiastic champion of sound progress.

THE COLORADO STATE BOARD OF IMMIGRATION State Office Building, Denver, Colorado 1929

## 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, 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 with the single exception of California. 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. It has at least 43 peaks that tower 14,000 feet or higher above sea level, 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 water-shed 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 nonirrigated 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 southcentral 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 topog-

<sup>\*</sup>In former editions the altitude of these peaks was given as 14,420 feet. A corrected figure of 14,402 feet was announced recently by the United States Geological Survey:

raphy 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, Uncompangre 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 July 1, 1927, at 1,074,000, or 31 times greater than it was 67 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:

		Pct. of	Pct. of
		Over Over	for
	Popu-	Previous	United
Year	lation	Census	States
1860	34,277		
1870	39,864	16.3	22.6
1880	194.327	387.5	30.1
1890	413,249	112.7	25.5
1900	539,700	30.6	20.7
1910	799,024	48.0	21.0
1920	939,629	17.6	14.9
1925 (est.) .:	1,040,442*		
1926 (est.) .:	1,058,722		
1927 (est.) .:	1,074,000		
1928 (est.) .1	L,090,000		••••(

\*Revised since the publication of the 1927 edition.

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 1920 census showed the density of population for the state to be 9.06 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 foreignborn 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, Clear Creek, 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

Of the area in private ownership in 1928, the tax commission classifies 35,163,103 acres as agricultural land. This is equal to about 53 per cent of the entire land area of the state. The area classified as agricultural land is divided as follows:

	Acres
Fruit land	20.515
Irrigated land	2.239.622
Natural hay land	330,990
Dry farming land	11.392.036
Grazing land	21,179,940

Total..... 35,163,103

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 west-ern 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 These streams have of the state. 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—Fifteen national forests located wholly within the state and two lying partially within its boundaries comprise about 20 per cent of the state's area. These forests embrace 13,278,233 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. 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 77 square miles, or 48,966 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 13,883 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 is one of the newest of the large national parks, having been 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 popu-The number of visitors in the lar. park in the travel season of 1928 was exceeded only by those of Yosemite national park in California and Platt national park in Oklahoma. The park has excellent roads and trails, camp grounds for the convenience of the public, shelter houses for mountain climbers, and ample hotel accommodations.

Total government appropriations made for Rocky Mountain national park from 1917 to 1929, inclusive, aggregate \$781,671, of which \$678,687.81 had been expended up to June 30, 1928. 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	95,500	

\*Deficiency appropriation.

Visitors and automobiles entering Rocky Mountain national park during the travel season for the years named 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

\*Estimated by the park service. (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 con-gress approved June 29, 1906. The ruins are found in canons which intersect a high plateau that once is supposed to have supported a popula-tion 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 \$453,680 for the period of 1917 to 1929, inclusive, of which amount \$362,506.03 was expended up to June 30, 1928. The appropriation for the fiscal year beginning July 1, 1928, included in total appropriations, but from which no expenditures are yet reported, was \$83,000, the largest for any year since 1917. 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

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. The area embraces Notch mountain, a ridge from the summit of which an excellent view of the cross is obtained. The Holy Cross Pilgrimage association is fostering annual pilgrimages to the mountain.

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. There are many caverns in the monument, several of which have not yet The National Park been explored. service described this monument as follows: "Many lofty monoliths, and is wonderful example of erosion, and of great scenic beauty and interest. The number of visitors has shown an increase each year, there being 7,000, estimated, in 1923 and 10,000 in 1928.

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, stockraising 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 average the Arkansas valley. 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 is contained in the chapter on Climatological Data on Page 40.

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 3,400 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, 3,400 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 21/2 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 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 30 railroad companies represented in Colorado, operating an aggregate of 5,005.22 miles of main line track. Every county in the has some railroad mileage, state 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 1926, was \$158,898,-470. The following table shows the main line tracks owned by the several railroad companies:

Road	niieag e
Atchison, Topeka & Santa Fe	
Railway Company	528.56
Chicago, Burlington & Quincy	
Railroad Company	395.99
Chicago, Rock Island & Pacific	
Railroad Company	165.85
Colorado Railway Company	107.14
Colorado-Kansas Railroad Co	22.20
Colorado & Southern Railroad Co.	668.47
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	15.07
Denver & Interurban Railroad Co.	9.48
Denver & Rio Grande Western	
Railroad Company	1,463.81
Denver & Salt Lake Railroad Co	252.00
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	7.30
Silverton Northern Railroad Co	8.45
Treasury Mountain Railroad Co	4.00
Uintah Railway Company	50.80
Union Pacific Railroad Company	602.02

Ninety-six telephone companies operate in the state, owning an aggregate of 484,689 miles of wire in 1927, an increase of 15,124 miles over 1926 and 62,958 miles over 1925. The valuation of all telephone property owned by these companies, as determined by the state tax commission for taxation purposes, was \$14,313,420 in 1927. Most of the companies are small and operate in one or two counties only. The Mountain States Telephone & Telegraph company, which owns more than 97 per cent of the total mileage, operates in all counties of the state except

### 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. Baca and has 471,106 miles of wire. Four telegraph companies operate 28,306 miles of wire. Four counties— Hinsdale, Jackson, Moffat and Rio Blanco—have no commercial telegraph lines. A table published elsewhere in this volume shows the mileage of railroad, telegraph and telephone lines in the various counties.

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 terri-tory 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 com missioners to locate the county seat of the new county, which was to be called Mountain City. They were likewise to act as commissioners for the new county, but there is no record available showing that they ever assumed their duties. In 1856 an election was held in Arapahoe county, K. T., and Benjamin F. Simmons was chosen as the first representative from this county in the Kansas territorial legislature.

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

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

The organization of Colorado territory did not settle the numerous controversies regarding land titles that existed when the territory was organ-Within the area formerly ized. 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 Those who are familiar with the own. early history of the state will know that the controversies with these Indians were not settled without many battles, which resulted in bloody heavy loss of life among both the Indians and the pioneer settlers. In 1861 the federal government entered into a treaty with the Cheyenne and Arapahoe Indians, under which the Indians ceded to the government their lands in eastern Colorado. The Indians did not abide by this treaty, however, and they waged vigorous warfare against the white settlers for several years with a view to driving them from the plains of eastern Colorado. On October 28, 1867, they signed another treaty with the United States, ceding all their

lands between the Platte and Arkansas rivers, and agreeing to their removal to Indian Territory.

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

They still retained, however, more than 15,500,000 acres of land on the western slope. Numerous encounters occurred between these Indians and the white men during the early settlement of the agricultural lands in this territory, and it was not until 1881 that the Indians in this region, usually known as the Uncompahyre 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 Guadaloupe), 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) Water surface (acres) Vacant public land July 1, 1928 Area in national forests (acres) Visitors to national parks (square miles) Visitors to national parks (1928) Population July 1, 1927 (census est.) Value all property (1922) Value all farm property (1920) Value manufactured products (1925) Developed water power January 1, 1929.	$103,658\\185,600\\7,717,121\\13,278,233\\455\\251,817\\1,074,000\\\$3,229,412,000\\\$1,076,794,749\\\$278,778,008$	$\begin{array}{r} 2,973,744\\ 33,854,080\\ 193,847,240\\ 159,480,856\\ 11,846\\ 2,522,188\\ 118,628,000\\ \$320,803,862,000\\ \$77,924,100,338\\ \$62,713,713,730\end{array}$	3.49 0.55 3.98 8.33 3.84 9.98 0.91 1.00 1.38 0.44	7 42 9 5 8  33 29 23 33
(horsepower) Water power potential h. p. available	98,016	13,571,530	0.72	27
50% of the time (January 1, 1928) Radio sets in use (January 1, 1929) Value beet sugar manufactured (1925) Value livestock on farms (1928) Value all crops (census 1919) Value gold production (1926) Value silver production (1926) Lead, mine production in short tons	$\begin{array}{r} 1,609,000\\ 79,200\\ \$41,165,742\\ \$125,451,000\\ \$181,065,000\\ \$7,158,600\\ \$3,143,446\end{array}$	$59,166,000 \\ 9,000,000 \\ \$132,339,012 \\ \$5,953,000,000 \\ \$14,755,365,000 \\ \$48,269,600 \\ \$39,136,497 \\ \end{cases}$	$\begin{array}{c} 2.72\\ 0.88\\ 31.10\\ 2.10\\ 1.23\\ 14.83\\ 8.00 \end{array}$	
(1926) Zinc. mine production in short tons	33,000	682,381	4.84	5
(1926) Copper production in pounds (1926) Hypothetical value all crops (1928) Railway mileage (December 31, 1927) Motor cars licensed, all cars (1927) U. S. Internal Revenue collections (1928) Federal income taxes (1928) Troops in world war National guard strength June 30, 1928	$\begin{array}{r}32,500\\4,657,591\\366,457\\\$113,626,000\\5,062\\268,492\\\$11,879,300\\\$11,452,569\\42,898\\1,768\end{array}$	$774,564\\1,739,622,094\\41,614,248\\\$9,093,217,000\\249,131\\23,127,315\\\$2,790,535,537\\\$2,174,573,102\\4,727,988\\181,221$	$\begin{array}{r} 4.20\\ 0.27\\ 0.88\\ 1.25\\ 2.03\\ 1.16\\ 0.42\\ 0.52\\ 0.93\\ 0.97\end{array}$	6 10 33 30 23 28 30 29 33 32
manufactured (1925)	\$10,157,121	\$1,268,194,507	0.80	20
manufactured (1925)	\$12,030,768	\$973,518,046	1.24	18
ucts (1925) Slaughtering and meat packing, value of	\$4,317,587	\$677,131,278	0.64	20
products (1925) Est, barrels of oil recoverable from Ter-	\$30,399,379	\$3,050,286,291	0.99	20
tiary shale Value mining machinery manufactures	47,625,598,000	75,335,721,000	63.22	1
(1925)	$\begin{array}{c} \$3,423,298\\ 10,290,000\\ 644,481\\ \$4,351,749\\ \$153,707\\ 3,117,877\end{array}$	34,827,448 522,967,000 51,266,943 33,730,417 2,052,342 14,008,852	$9.83 \\ 1.97 \\ 1.26 \\ 1.30 \\ 7.49 \\ 22.25$	4 9 11 18 3 3
mines figures (1927)	2,787,000	894,435,000	0.31	13
(1925) Value public school property (1925-26). Probable number millionaires (1923) Reserve tonnage bituminous coal (1920), Geological survey est, figures in mil-		\$1,298,014,788 \$4,676,603,539 8,600	1.13 1.17 0.51	24 23 21
lions of tons Lodgepole pine cut, in board feet (1924) Population per square mile (1920)	$213,071 \\ 9,559,000 \\ 9.1$	$\begin{array}{r} 1,441,395\\23,000,000\\35.5\end{array}$	14.78 40.61	1 1 42

#### COLORADO LAND CLASSIFICATION BY COUNTIES, 1928

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COUNTY	Area Acres	Fruit Land	Irrigated Land	Natural Hay Land	Dry Farming Land	Grazing Land	Produc- tive Coal Land	Non- Productive Coal Land	Timber Land	Metallifer- ous Mining Claims Non- Productive	Railroad rights- of-Ways	Town and City Lots	Total Patented Land <sup>2</sup>	Unclassified as to Ownership <sup>1</sup>	Government Land Open to Home- steaders	State Land Unappro- priated	National Forests	Total Non- Patented Lands <sup>2</sup>	A rea A cres	COUNTY
Adams A lamosaArapahoeArapahoeArchuleta	807,680 466,280 638,880 780,800		94,000 27,500 28,120 10,321	9,460 37,300  465	496,800 115,600 380,600 10,570	160,170 140,986 83,690 302,346			  11,403		2,798 1,287 1,577 1,583	3,200 980 3,200 860	766,428 323,553 497,187 337,638	22,811 28,645 27,365 65,603 <sup>2</sup>	34,120 92,343	28,441 47,523 14,328 17,791	31,439 398,631	28,441 113,082 14,328 508,765	807,680 465,280 638,880 780,800	Adams Alamosa Arapahoe Archuleta
Baca Bent Boulder	1,633,280 975,360 488,960		3,296 46,649 81,882		967,642 6,098 22,662	568,320 598,368 154,396	2,000			12,261	1,94 <b>1</b> 3,840	440 1,625 8,250	1,629,697 763,681 285,231	29,319 71,230 61,996	4,399 11,400 7,400	69,865 139,049 6,351	127,982	74,264 150,449 141,733 <sup>3</sup>	1,633,280 975,360 488,960	Baca Bent Boulder
Chaffee Cheyenne Clear Creek Conejos Costilla	$\begin{array}{r} 693,120\\ 1,137,280\\ 249,600\\ 801,280\\ 768,400\end{array}$		23,389  85,840 80,580	 9,920 5,600	844,824	71,237229,99041,433166,878280,00086,670			  398,000	14,881 23,911 476 820	3,670 1,679 1,040 1,352 1,689	$2,910 \\960 \\806 \\1,260 \\575 \\575$	$116,087 \\ 1,077,363 \\ 67,190 \\ 256,715 \\ 777,264$	$50,941 \\ 7,896 \\ 6,407^2 \\ 80,170 \\ 18,864^2$	84,341 425 18,440 135,267	18,218 51,607 2,120 59,682	423,633 168,267 270,456	526.092 62,032 188,817 465,396	693,120 1,137,280 249,600 801,280 768,400	ChaffeeCbeyenneCbeyenneClear CreekConejosConejosCostilla
Crowley Custer	517,120 478,080	223	39,667 6,250	12,427	13,713 6,313	364,768 227,250				3,713	785 447	786 485	419,931 256,885	36,493 35,261	2,401 13,017	68,296 13,117	160,800	60,696 186,934	617,120 478,080	Crowley Custer
Delta Denver Dolores Douglas	768,640 37,120 667,620 540,800	8,689  	66,370 6,074 836 6,199	5,816	23,939 17,301 88,069	47,103 170,757 279,268	312  60 	1,620  212 	1,644	2,326	750 2,760 420 2,468	$1,100 \\ 26,401 \\ 160 \\ 676$	139,783 35,226 193,716 382,475	272,605 1,261 84,719 12,869	166,300 68,839 680	634 9,171 8,666	189,952 311,075 136,121	$366,262 \\ 634 \\ 389,086 \\ 146,456$	$768,640 \\ 37,120 \\ 667,520 \\ 640,800$	Delta Denver Dolores Douglas
Eagle Elbert El Paso	1,036,800 1,188,480 1,367,440		25,721 20,400	11,466 1,910	353,133 218,704	113,061 708,617 750,286	250	1,080		4,602	2,666 2,810 6,376	$375 \\ 440 \\ 16,260$	146,315 1,076,466 1,016,066	63,570 33,722 47,331	217,540 240 2,069	17,471 78,062 191,143	691,904 100,841	826,916° 78,292 294,063	1,036,800 1,188,480 1,367,440	Eagle Elbert El Paso
Fremont	996,480	1,980	13,301	1,200	46,136	292,744	14,165			4,691	2,931	1,275	377,422	159,033	336,181	57,604	66,240	460,026	996,480	Fremont
Garfield Gilpin Grand Gunnison	$1,988,480\\84,480\\1,194,240\\2,034,660$	781	53,641 33,853 37,710		29,228  	239,918 26,883 219,278 256,217	3,747	2,702	 38,413 	117 24,294 1,462 26,088	4,075 1,002 2,243 2,260	995 496 425 1,880	336,204 52,674 296,674 336,888	495,874 31,331 <sup>2</sup> 186,935 231,082	641,640 4,400 116,420 323,740	1 1,239 63,375 19,093	516,761 67,498 633,835 1,124,757	1,167,402 63,137 712,631 <sup>4</sup> 1,467,690	$1,988,480\\84,480\\1,194,240\\2,034,560$	Garfield Gilpin Gilpin Grand Gunnison
Hinsdale Huerfano	621,440 960,000	69	2,352 16,591	2,139	331 23,746	16,744 609,729	1,952	3,722		6,428 40	237 2,945	176 1,260	25,267 661,173	26,180 <sup>2</sup> 66,935	112,610 67,763	8,239 46,697	601,604 118,632	622,353 231,892	621,440 960,000	Hinsdale Huerfano
lackson Jefferson	1,044,480 517,120		59,485	70,380	19,060	220,660 252,777	10 240	2,699	1,120	1,016	1,100 2,520	144 5,750	297,029 349,833	119,493 57,353	179,385 880	51,349 13,749	397,224 96,305	627,958 109,934	1,044,480 517,120	Jackson
Kiowa Kit Carson	1,150,720 1,381,750		732	3,577	750,510 1,025,506	286,237 276,996			3,695		2,190 1,499	220 975	1,042,952 1,309,485	29,282 13,207	2,202 971	75,284 58,097		78,485 59,068	1,150,720 1,381,760	Kiowa
Lake La Plata Larimer Las Animas Lincolnogan	237,440 1,184,640 1,582,550 3,077,760 1,644,800 1,166,080	889 486 	53,341 110,225 25,542 70,481	15,400 2,795 3,145 15,000	18,535 23,865 52,237 908,281 571,080	$\begin{array}{r} 23,912\\ 351,040\\ 612,385\\ 2,468,997\\ 583,830\\ 331,080\end{array}$	677 3,279	5,165	4,066 113,207 	40,748 4,930 	2,325 3,030 3,020 5,845 1,822 3,334	$1,250 \\ 1,525 \\ 4,400 \\ 7,250 \\ 1,350 \\ 2,010$	68,235 443,299 759,784 2,723,082 1,498,428 992,985	$\begin{array}{r} 18,705^2\\ 196,337\\ 219,682\\ 89,205\\ 21,271\\ 25,515\end{array}$	$\begin{array}{c} 26,960\\ 150,057\\ 25,125\\ 79,331\\ 2,227\\ 2,080 \end{array}$	$1,725 \\ 15,921 \\ 70,101 \\ 158,744 \\ 122,874 \\ 145,399$	159,224 379,015 596,868 27,398	187,909 545,004 693,094 <sup>6</sup> 266,473 125,101 147,479	$\begin{array}{c} 237,440 \\ 1,184,640 \\ 1,682,660 \\ 3,077,750 \\ 1,644,800 \\ 1,166,080 \end{array}$	Laka La Plata La Plata Larimei Las Animas Lincolt Logar
Mesa Mineral Moffat Montezuma Montrose Aorgan	2,024,320 554,240 2,981,120 1,312,540 1,448,960 823,040	4,957  812 1,083	88,952 2,028 13,341 35,388 65,628 79,712	1,856 2,747 3,559  2,220	40,947 39,538 20,868 248,293	361,789 22,566 883,077 227,068 310,550 412,080	2,698  90 	 6,545 40 	 575 	2,951 699 550 4,337	3,105 435 140 1,568 1,310 2,271	4,000 425 575 730 1,090 2,010	$\begin{array}{r} 467,367\\31,142\\948,884\\305,560\\404,855\\746,586\end{array}$	$\begin{array}{r} 241,072 \\ 5,771 \\ 302,655 \\ 321,520 \\ 475,184 \\ 14,958 \end{array}$	740,780 1,480,580 423,880 255,735 2,240	$\begin{array}{r}1\\679\\205,805\\36,029\\199\\59,246\end{array}$	575,100 516,548 42,196 224,651 312,976	$\begin{array}{r} 1,315,881^{3} \\ 517,327^{7} \\ 1,729,581 \\ 684,660^{8} \\ 658,910 \\ 61,486 \end{array}$	2,024,320 554,240 2,981,120 1,312,640 1,448,960 823,040	Mesa Minera Monta Monta Montross Morgan
)tero )uray	805,760 332,160	472	80,493 9,824	2,128	14,242 3,460	510,832 129,405			1,350	14,212	2,360 1,060	2,150 910	610,549 162,745	68,755 17,690	5,252 22,360	120,203 3,153	125,211	126,455 151,724	805,760 332,150	Oter
Park Phillips Pitkin Prowers ueblo	1,434,880 440,320 562,150 1,043,200 1,557,120		 18,127 95,891 45,580	23,420	5,630 374,398 300 593,578 81,960	416,572 33,974 52,058 255,580 1,037,102	 15 	2,849  5,006 		35,357	3,854 908 2,165 2,021 6,132	785 895 450 1,060 17,250	488,577 410,175 89,868 961,334 1,188,024	151,971 11,840 53,696 26,685 82,694	73,460 176 18,200 1,983 19,706	92,795 18,129 1,292 53,198 231,240	628,077 489,104 35,456	794,332 18,305 508,595 55,181 286,402	$\substack{1,434,880\\440,320\\652,160\\1,043,200\\1,557,120}$	Parl Phillip Phillip Pitkir Prower Pueble
Rio Blanco Rio Grande Routt	2,062,720 574,720 1,477,760		22,259 72,596 41,553	1,940 15,539 	23,019 54,820	294,259 126,638 422,175	50,768	4,472	40	117 2,248 2,690	195 1,313 2,437	400 985 800	346,711 220,519 595,446	348,236 40,462 172,453	1,021,360 53,409 68,280	15,449 70,103	346,413 234,881 571,478	1,357,773 313,739 709,861	2,062,720 574,720 1,477,760	Rio Blanco Rio Grando Rout
Saguache San Juan San Miguel Sedgwick Summit	2,005,120 289,920 824,320 339,840 415,360		37,540 7,347 19,937 6,708	49,000	8,113 185,576	456,039 200 207,545 92,313 30,998		 150 	195 547 	4,540 24,237 10,598 29,964	2,580 913 1,193 802 1,718	$     \begin{array}{r}       1,150 \\       560 \\       240 \\       875 \\       450     \end{array} $	551,149 25,105 235,743 305,060 70,148	267,107 944 <sup>2</sup> 146,280 12,190 39,380	214,08854,530250,5408018,640	100,103 7,422 19,579 22,510 641	882,573 202,707 172,078 286,551	$1,195,864 \\264,759 \\442,297 \\22,590 \\305,832$	2,005,120 289,920 824,320 339,840 415,360	Saguach San Juar San Migue San Migue Sedgwici Sumim
Celler	350,080			2,407	24,391	122,771			3,082	35,101	2,552	1,250	191,564	4,630	40,369	10,591	102,926	153,886	350,080	Telle
Washington Weld	1,513,440 2,574,080		7,685 355,899	6,755	1,211,740 729,521	266,173 1,169,830	745	5,249			1,69 0 9,830	1,100 8,850	1,487,788 2,287,680	32,867 103,883	1,440 5,880	91,345 176,537		92,785 182,517	1,613,440 2,574,080	Wele
Cuma State	1,514,880 55,341,120	20,515	4,625	2,558 330,990	688,868 11,392,036	729,834 21,179,940	92,753	86,739	597,861	353,877	1,013 137,071	1,250 152,526	1,428,148 36,583,930	31,153 5,673,717	1,960 7,717,121	53,519 3.131,972	13,234,380	55,579 24,083,473	1,514,880	Yuma
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<sup>1</sup> This column includes homestead land filed upon but not patented, state land sold but not fully paid for, and public land withdrawn from entry.
 <sup>2</sup> On account of errors in surveys and errors from other sources the combined areas of patented and non-patented land in Clear Creek, Costilla, Gilpin, Hinsdale, Lake and San Juan counties exceed the total areas.

areas.

<sup>8</sup> Includes about 20,327 acres of Rocky Mountain national park.
<sup>4</sup> Includes about 95,000 acres of Rocky Mountain national park.
<sup>5</sup> Includes about 126,412 acres of Rocky Mountain national park.
<sup>8</sup> Includes 13,883 acres in the Colorado national monument.

<sup>7</sup> Includes 300 acres in Wheeler national monument.
 <sup>8</sup> Includes 48,966 acres in Mesa Verde national park, about 360,000 acres in the Southern Ute reservation, and about 285 acres in Hovenweep national monument.
 <sup>9</sup> Includes 1,392 acres in Holy Cross national monument.

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#### RANK OF COUNTIES IN THE STATE

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COUNTY	Area	Population (1920)	Assessed Valua- tion (1928)	Bank Deposits Dec. 31, 1928	Agriculture Values (1928)	Dairy Cattle Value (1928)	Range Cattle Value (1928)	Value Sheep (1928)	Value Swine (1928)	Metal Mining (1927)	Coal Mining (1928)	Manufacturing (1919)	Miles Railroad (1928)	Miles Highway (1929)	Number Autos (1928)
Adams Alamosa Arapahoe Archuleta	35 53 48 38	14 40 18 47	10 39 17 53	22 24 19 52	5 30 27 51	6 37 11 52	44 45 46 38	44 26 45 18	2 29 26 47	22  	 23	9 28 23 29	19 42 34 33	14 41 36 42	12 30 7 55
Baca Bent Boulder	11 31 51	27 23 6	33 30 6	38 32 6	31 26 16	46 33 10	15 27 49	39 25 49	16 27 28	 12	 -7	48 33 5	44 26 16	33 29 30	31 29 6
Chaffee Cheyenne Clear Creek Conjos Costilla Crowley Custer	41 26 60 37 40 50 52	31 46 51 28 42 35 55	40 25 50 41 51 38 59	21 54 49 43 57 39 55	47 34 61 28 32 21 49	38 29 59 32 51 40 48	50 21 61 37 56 36 43	40 38 57 3 24 43 46	$37 \\ 22 \\ -\overline{23} \\ 25 \\ 33 \\ 45 \end{bmatrix}$	21 14  17		13 59 45 20 39 19 57	27 32 57 38 31 55 60	48 24 55 35 53 28 32	34 45 52 36 47 37 53
Delta Denver Dolores Douglas	39 63 42 47	19 1 61 48	29 1 61 36	$14 \\ 1 \\ \overline{44}$	$\begin{array}{c} 15\\ \overline{56}\\ 45\end{array}$	13 54 57 8	$\begin{array}{c} 16\\ \overline{52}\\ 32 \end{array}$	$11$ $\overline{29}$ $53$	$   \begin{array}{r}     19 \\     \overline{52} \\     35   \end{array} $		12 16 	30 1 61 18	30 37 58 17	$\begin{array}{c} 37\\ \overline{54}\\ 34 \end{array}$	16 1 59 41
Eagle Elbert El Paso	29 22 19	49 33 4	45 22 4	47 33 3	37 17 25	36 3 7	23 12 13	20 31 33	42 10 17	7	20 8	53 59 10	$\begin{array}{c} 24\\23\\5\end{array}$	46 10 5	$\begin{array}{c} 46\\32\\4\end{array}$
Fremont	30	11	16	8	36	34	42	50	38	25	5	7	14	49	15
Garfield Gilpin Grand Gunnison	8 62 21 5	24 59 53 37	21 60 49 24	$     \begin{array}{r}       10 \\       56 \\       48 \\       25     \end{array} $	20 60 40 41	16 61 39 35	11 59 33 3	5 55 22 13	24 57 51 50	$\begin{array}{c} 23\\18\\\overline{15}\end{array}$	14  	32 51 21 40	$\begin{array}{c}10\\52\\28\\4\end{array}$	15 57 50 44	24 60 48 40
Hinsdale Huerfano	44 32	63 12	63 23	$\overline{15}$	57 50	61 30	57 28	42 17	56 43	20 		62 34	61 8	58 40	63 17
Jackson Jefferson	27 49	60 15	57 13	30	44 23	45 9	7 41	21 51	53 39		13 10	46 22	46 15	45 17	54 10
Kiowa Kit Carson	25 18	45 26	31 15	53 42	42 12	53 17	31 19	36 48	40 6			56 42	22 36	31 11	44 22
Lake La Plata Larimer Las Animas Lincoln Logan	$61 \\ 23 \\ 9 \\ 1 \\ 10 \\ 24$	34 21 7 5 29 10	43 26 5 7 19 8	28 11 7 5 35 16	58 33 4 43 14 2	58 23 4 27 25 2	60 26 20 2 6 18	$62 \\ 16 \\ 27 \\ 8 \\ 35 \\ 47$	$     \begin{array}{r}             \overline{30} \\             18 \\             34 \\             11 \\             3         \end{array}     $	3 19   	11 	11 15 3 12 27 17	39 9 6 2 29 7	59 13 16 2 18 4	43 23 5 26 13
Mesa Mineral Moffat Montezuma Montrose Morgan	$6 \\ 46 \\ 2 \\ 20 \\ 16 \\ 34$	9 62 41 36 20 13	$11 \\ 62 \\ 44 \\ 46 \\ 34 \\ 12$	9 40 23 17 12	9 59 35 39 10 3	5 60 43 22 19 12	1 58 29 35 22 25	6 34 2 10 9 52	$9 \\ 58 \\ 41 \\ 36 \\ 21 \\ 7$	26 11 24 27 	9 18 17 21 	16 63 50 38 24 8	11 59 63 35 41 21	6 62 23 22 21 19	9 62 39 35 20 14
Otero Ouray	36 58	8 54	9 56	$\begin{array}{c} 13\\51 \end{array}$	7 54	21 55	34 47	19 30	$\begin{array}{c} 13\\49 \end{array}$	$\overline{13}$	$\overline{2}\overline{4}$	6 49	18 51	12 52	11 56
Park Phillips Pitkin Prowers Pueblo	17 54 43 28 13	56 38 52 17 2	42 27 55 18 3	58 29 50 20 2	48 19 52 24 11	47 24 49 26 15	30 55 48 24 17	12 61 41 59 32	55 8 48 15 20	16 	 15 	44 31 52 14 2	13 53 50 25 3	43 26 56 25 8	51 27 58 19 3
Rio Blanco Rio Grande Routt	4 45 15	50 30 25	47 37 28	34 26 31	38 13 22	41 31 18	5 40 9	$\begin{array}{c} 4\\14\\7\end{array}$	44 14 31	10 	19 -4	43 25 26	62 40 20	39 51 7	50 21 28
Saguache San Juan San Miguel Sedgwick Summit	7 59 33 57 55	43 58 39 44 57	35 58 48 32 54	37 45 36 41 57	29 46 18 55	44 62 42 28 56	8 62 39 51 54	1 37 15 58 56	$32$ $\overline{46}$ $12$ $55$	6 1 4 8 2	 22 	36 55 41 54 61	12 56 43 54 45	20 60 38 27 61	38 61 49 33 57
Teller	56	33	52	18	53	50	53	61	54			37	49	47	42
Washington Weld	$\frac{12}{3}$	22 3	20 2	46 4	6 1	20 1	14 4	28 23	4 5		$\overline{2}$	47	17 1	3	25 2
Yuma	14	16	14	27	8	14	10	54	1			35	48	9	18

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

**DISTRIBUTION OF POPULATION AND PER CAPITA STATISTICS** (Based on the U. S. Census Bureau estimates of population for 1925)

COUNTY	Popula- tion	Area Square Miles	Popula- tion Per Square Mile	Assessed Valua- tion Per Capita 1925	Taxes Assessed Per Capita 1925	Bank Deposits Per Capita 1925
Adams	$\begin{array}{c} 17,566\\ 5,433\\ 15,750\\ 3,752\\ 12,237\\ 12,346\\ 32,728\\ 7,826\\ 32,728\\ 7,826\\ 32,728\\ 7,826\\ 32,728\\ 7,826\\ 32,720\\ *13,668\\ 28,0,911\\ 1,584\\ 3,700\\ *13,668\\ 28,0,911\\ 1,584\\ 3,700\\ 3,612\\ 7,915\\ 44,426\\ *17,883\\ *9,304\\ *1,364\\ 3,111\\ *5,590\\ 44,426\\ *17,883\\ *9,304\\ 41,926\\ 42,9347\\ 41,926\\ 42,240\\ 9,725\\ *6,630\\ 22,455\\ 22,237\\ *779\\ 6,475\\ 22,347\\ 41,996\\ 5,656\\ 12,735\\ 22,327\\ *779\\ 6,556\\ 12,735\\ 12,735\\ 12,735\\ 12,735\\ 12,735\\ 12,735\\ 12,735\\ 12,735\\ 3,588\\ 8,587\\ 11,293\\ 4,908\\ *1,700\\ 5,610\\ 4,857\\ *1,724\\ 46,696\\ 14,156\\ 6,696\\ 14,156\\ 6,696\\ 14,156\\ 6,695\\ 12,735\\ 3,588\\ 8,587\\ 3,588\\ 3,588\\ 4,908\\ *1,700\\ 0,5610\\ 4,857\\ *1,724\\ 46,696\\ 14,156\\ 6,696\\ 14,156\\ 6,696\\ 14,156\\ 6,696\\ 14,156\\ 1,955\\ 12,735\\ 1,295\\ 1$	$\begin{array}{c} 1,262\\727\\842\\1,220\\2,552\\1,552\\1,764\\1,083\\1,777\\390\\1,252\\1,185\\808\\747\\1,201\\1,58\\1,043\\845\\1,602\\1,857\\2,121\\1,557\\3,107\\1,557\\3,107\\1,557\\3,107\\1,866\\3,179\\2,121\\1,557\\3,107\\1,857\\2,121\\1,557\\3,107\\1,857\\2,121\\1,857\\2,121\\1,857\\2,121\\1,857\\2,121\\1,857\\2,121\\1,857\\2,121\\1,857\\2,121\\1,857\\2,121\\1,857\\2,121\\1,857\\2,121\\1,857\\2,212\\3,163\\2,223\\3,133\\3,288\\1,019\\2,243\\3,223\\3,239\\2,309\\3,133\\3,288\\1,019\\2,521\\1,259\\2,242\\3,163\\3,223\\3,238\\2,309\\3,133\\3,288\\1,019\\2,521\\1,259\\2,242\\3,163\\3,223\\3,238\\2,309\\3,133\\3,288\\1,019\\2,521\\1,288\\1,019\\2,521\\1,288\\1,019\\2,521\\1,288\\1,019\\2,521\\1,288\\1,019\\2,521\\1,288\\1,019\\2,236\\1,288\\1,019\\2,236\\1,288\\1,019\\2,236\\1,288\\1,019\\2,236\\1,288\\1,019\\2,236\\1,288\\1,019\\2,236\\1,288\\1,019\\2,236\\1,288\\1,019\\2,236\\1,288\\$	$\begin{array}{c c} \mathbf{M11e} \\ \hline \mathbf{M11e} \\ \hline 13.92 \\ 7.47 \\ 18.71 \\ 3.08 \\ 4.79 \\ 8.10 \\ 42.84 \\ 7.23 \\ 2.13 \\ 7.41 \\ 7.09 \\ 4.48 \\ 9.266 \\ 3.08 \\ 11.38 \\ 4.84.29 \\ 1.52 \\ 4.38 \\ 2.23 \\ 4.26 \\ 20.95 \\ 11.49 \\ 2.99 \\ 1.52 \\ 4.38 \\ 4.284 \\ 2.366 \\ 20.95 \\ 11.49 \\ 2.366 \\ 4.50 \\ 30.86 \\ 3.58 \\ 11.16 \\ 8.73 \\ 3.73 \\ 12.87 \\ 7.06 \\ 0.90 \\ 1.39 \\ 3.563 \\ 15.42 \\ 21.06 \\ 5.05 \\ 0.90 \\ 2.666 \\ 10.00 \\ 24.957 \\ 1.57 \\ 3.75 \\ 4.36 \\ 9.157 \\ 3.766 \\ 9.157 \\ 3.766 \\ 4.50 \\ 9.157 \\ 3.75 \\ 4.36 \\ 9.157 \\ 3.766 \\ 1.575 \\ 2.666 \\ 12.24 \\ 5.62 \\ 15.53 \\ 7.16 \\ \end{array}$	$\begin{array}{r} 1925 \\ \hline \\ \$1,808.36 \\ 1,720.40 \\ 1,350.92 \\ 1,224.39 \\ \$17.58 \\ 1,100.62 \\ 1,454.30 \\ 1,346.95 \\ 1,478.51 \\ 1,876.30 \\ 987.99 \\ 1,320.09 \\ 1,358.37 \\ 1,138.12 \\ 1,502.60 \\ 1,040.50 \\ 2,903.04 \\ 1,805.55 \\ 2,275.80 \\ 1,607.57 \\ 1,201.94 \\ 1,801.26 \\ 1,940.18 \\ 1,512.11 \\ 2,796.64 \\ 1,751.23 \\ 844.73 \\ 2,443.70 \\ 1,746.83 \\ 3,391.94 \\ 2,681.57 \\ 1,746.83 \\ 3,391.94 \\ 2,681.57 \\ 1,164.20 \\ 1,335.08 \\ 1,883.600 \\ 1,007.44 \\ 833.508 \\ 1,572.90 \\ 1,301.06 \\ 1,534.04 \\ 1,301.06 \\ 1,534.04 \\ 1,301.06 \\ 1,534.04 \\ 1,302.67 \\ 1,205.68 \\ 1,301.06 \\ 1,337.74 \\ 1,228.25 \\ 1,464.336 \\ 1,302.67 \\ 2,275.64 \\ 2,125.70 \\ 1,006.644 \\ 1,302.67 \\ 2,275.64 \\ 2,125.70 \\ 1,205.64 \\ 2,125.70 \\ 1,205.64 \\ 2,125.70 \\ 1,205.64 \\ 2,125.70 \\ 1,205.64 \\ 2,125.70 \\ 1,205.64 \\ 2,125.70 \\ 1,205.64 \\ 2,125.70 \\ 1,205.64 \\ 2,125.70 \\ 1,205.64 \\ 2,125.70 \\ 1,205.64 \\ 2,125.70 \\ 1,205.64 \\ 2,125.70 \\ 1,206.690 \\ 1,488.47 \\ 1,488.$	$\begin{array}{c} 1925 \\ \hline \\ 1925 \\ \hline \\ 39,49 \\ 54,12 \\ 40,06 \\ 28,87 \\ 18,55 \\ 24,49 \\ 43,14 \\ 39,07 \\ 79,37 \\ 52,78 \\ 28,19 \\ 33,30 \\ 39,84 \\ 33,32 \\ 41,64 \\ 47,18 \\ 40,42 \\ 57,00 \\ 58,83 \\ 41,64 \\ 47,18 \\ 40,42 \\ 57,00 \\ 58,83 \\ 41,64 \\ 47,18 \\ 40,42 \\ 57,00 \\ 58,83 \\ 41,64 \\ 47,73 \\ 50,87 \\ 40,03 \\ 45,05 \\ 65,32 \\ 60,84 \\ 41,74 \\ 73,39 \\ 61,35 \\ 60,84 \\ 47,75 \\ 83,30 \\ 45,05 \\ 65,32 \\ 54,96 \\ 41,74 \\ 77,58 \\ 35,25 \\ 60,84 \\ 41,74 \\ 73,39 \\ 55,25 \\ 45,05 \\ 54,95 \\ 45,05 \\ 54,95 \\ 44,80 \\ 48,77 \\ 30,10 \\ 34,68 \\ 36,53 \\ 33,49 \\ 34,89 \\ 50,37 \\ 70,85 \\ 41,38 \\ 57,69 \\ 32,257 \\ 46,26 \\ 37,77 \\ 43,14 \\ 34,73 \\ 54,08 \\ 55,131 \\ 62,89 \\ 41,95 \\ 51,31 \\ 62,89 \\ 42,98 \\ 39,94 \\ 42,98 \\ 39,94 \\ 42,19 \\ 38,10 \\ \end{array}$	$\begin{array}{c} 1925 \\ \hline \\ \$92,50 \\ 318,40 \\ 123,81 \\ 63,93 \\ 33,66 \\ 77,16 \\ 236,75 \\ 198,59 \\ 90,91 \\ 211,06 \\ 71,169 \\ 91,21 \\ 24,83 \\ 88,17 \\ 224,83 \\ 620,36 \\ 124,33 \\ 93,63 \\ 88,17 \\ 224,83 \\ 620,36 \\ 124,33 \\ 92,63 \\ 123,40 \\ 111,54 \\ 429,53 \\ 254,13 \\ 307,27 \\ 122,48 \\ 123,40 \\ 111,56 \\ 307,27 \\ 122,48 \\ 124,53 \\ 254,13 \\ 307,27 \\ 122,48 \\ 124,53 \\ 254,13 \\ 307,27 \\ 122,48 \\ 124,53 \\ 207,27 \\ 122,48 \\ 124,49 \\ 124,55 \\ 207,22 \\ 274,73 \\ 122,48 \\ 124,49 \\ 124,55 \\ 207,22 \\ 274,73 \\ 122,48 \\ 124,49 \\ 124,95 \\ 124,12 \\ 124,12 \\ 126,24 \\ 126,$
State	1,019,286	103,658	9.83	\$1,518.42	\$44.34	\$314.99

NOTE—The detailed figures in the foregoing total, which are taken from the 1925 estimate of the United States census bureau, do not agree with the total of 1,019,286 shown as the estimated population of the state. This is due to the fact that the bureau does not estimate population in counties which show a decrease in population, but uses the 1920 figures. The estimated increase in population for the state as a whole is indicated by the figure 1,019,286, but the population of counties marked with a (\*) is considered to be less than the 1920 figure shown for such counties, thus accounting for the apparent discrepancy between the total and the detailed figures.

Since this table was prepared the census estimate for 1925 has been revised to a state total of 1,040,442, but as the revised figure is not distributed to counties the original figures are used here.

COUNTY	Area Acres	Patented Land Pct.	Homestead Land Pct.	National Forests Pct.	State Land Pct.	Non- Patented Land Pct.
Adams Alamosa Arapahoe Archuleta	807,680 465,280 538,880 780,800	93.6569.5392.2743.21	7.33 11.82	6.76 51.03	3.52 10.21 2.66 2.28	3.52 24.30 2.66 65.12
Baca Bent Boulder	1,633,280 975,360 488,960	$93.68 \\ 77.25 \\ 58.33$	0.30 1.17 1.51	 26.17	$\begin{array}{r} 4.28 \\ 14.25 \\ 1.30 \end{array}$	$\begin{array}{r} 4.55 \\ 15.42 \\ 28.98 \end{array}$
Chaffee Cheyenne Clear Creek* Conejos Costilla*	693,120 1,137,280 249.600 801,280 758,400	$16.65 \\ 94.75 \\ 26.92 \\ 31.91 \\ 100.00$	$ \begin{array}{r} 12.17\\ 0.04\\ 7.39\\ 16.88\\ \cdots \end{array} $	61.11 67.40 33.75	2.63 4.54 0.85 7.45	75.91 4.58 75.64 58.08
Crowley Custer	517,120 478,080	$\begin{array}{r} 81.20\\ 53.53\end{array}$	$\begin{array}{c} 0.46 \\ 2.72 \end{array}$	33.63	$\begin{array}{c} 11.27\\ 2.74\end{array}$	$     \begin{array}{r}       11.73 \\       39.09     \end{array} $
Delta Denver Dolores Douglas	$\begin{array}{r} 768.640\\ 37,120\\ 667,520\\ 540,800 \end{array}$	$\begin{array}{r} 18.18 \\ 94.88 \\ 29.02 \\ 70.71 \end{array}$	21.63 10.31 0.13	24.71 46.61 25.17	1.71 1.37 1.60	$\begin{array}{r} 46.34 \\ 1.71 \\ 58.29 \\ 26.90 \end{array}$
Eagle Elbert El Paso	1,036,800 1,188,480 1,357,440	$14.11 \\90.56 \\74.85$	$20.98 \\ 0.02 \\ 0.15$	57.09	$1.69 \\ 6.57 \\ 14.08$	$79.76 \\ 6.59 \\ 21.66$
Fremont	996,480	37.87	33.74	6.65	5.78	46.17
Garfield Gilpin* Grand Gunnison	$1,988,480\\84,480\\1,194,240\\2,034,560$	$16.86 \\ 62.35 \\ 24.76 \\ 16.51$	32.27 5.21 9.66 15.92	$25.94 \\ 68.06 \\ 44.70 \\ 55.27$	0.00005 1.47 5.31 0.93	$58.21 \\ 74.74 \\ 59.67 \\ 72.12$
Hinsdale* Huerfano	621,440 960,000	$\begin{array}{r} 4.07 \\ 68.89 \end{array}$	$\begin{array}{r} 18.10\\7.06\end{array}$	$\begin{array}{c} 80.71\\ 12.34\end{array}$	$\begin{array}{r} 1.33\\ 4.75\end{array}$	$\begin{array}{r} 100.14\\ 24.15\end{array}$
Jackson Jefferson	1,044,480 517,120	$\begin{array}{r} 28.44 \\ 67.64 \end{array}$	$\begin{array}{c} 17.17\\0.17\end{array}$	$\substack{\textbf{38.03}\\\textbf{18.42}}$	4.92 2.66	$\substack{60.12\\21.25}$
Kiowa Kit Carson	1,150,720 1,381,760	90.61 94.75	0.19 0.07		6.63 4.20	$\substack{\textbf{6.82}\\\textbf{4.27}}$
Lake* La Plata Larimer Las Animas Lincoln Logan	$\begin{array}{r} 237,440\\ 1,184,640\\ 1,682,560\\ 3,077,760\\ 1,644,800\\ 1,166,080\end{array}$	28.74 37.42 45.74 88.48 91.10 85.15	$11.35 \\ 12.67 \\ 1.56 \\ 2.58 \\ 0.14 \\ 0.18$	67.06 31.99 35.47 0.89	$\begin{array}{c} 0.73 \\ 1.34 \\ 4.16 \\ 5.16 \\ 7.47 \\ 12.47 \end{array}$	79.1446.0141.198.637.6112.65
Mesa Mineral Moffat Montezuma Montrose Morgan	2,024,320 554,240 2,981,120 1,312,640 1,448,960 823,040	$23.09 \\ 5.62 \\ 31.83 \\ 23.35 \\ 27.94 \\ 90.71$	36.59 49.66 32.28 17.65 0.27	28.41 93.20 1.42 17.11 21.60	0.00004 0.12 6.93 2.74 0.01 7.20	$\begin{array}{r} 65.00 \\ 93.32 \\ 58.01 \\ 52.13 \\ 39.26 \\ 7.47 \end{array}$
Otero Ouray	805,760 332,160	$75.77 \\ 48.99$	0.77 6.73	37.99	14.92 0.95	$15.69 \\ 45.67$
Park Phillips Pitkin Prowers Pueblo	1,434,880440,320652,1601,043,2001,557,120	34.05 93.15 13.78 92.15 76.30	$5.12 \\ 0.04 \\ 2.79 \\ 0.19 \\ 1.27$	43.77 75.00 2.28	6.47 4.12 <b>0.19</b> 5.09 14.85	55.36 4.16 <b>77.98</b> 5.28 18.40
Rio Blanco Rio Grande Routt	2,062,720 574,720 1,477,760	$16.81 \\ 38.37 \\ 40.29$	$49.52 \\ 11.04 \\ 4.62$	$16.79 \\ 40.87 \\ 38.67$	$\begin{array}{c} 2.68\\ 4.74\end{array}$	$     \begin{array}{r}       66.31 \\       54.59 \\       48.03 \\     \end{array} $
Saguache San Juan* San Miguel Sedgwick Summit	2,005,120 289,920 824,320 339,840 415,360	$27.50 \\ 9.00 \\ 28.60 \\ 89.47 \\ 16.89$	$10.68 \\ 18.84 \\ 30.39 \\ 0.02 \\ 4.49$	44.02 69.91 20.87 68.99	4.96 2.56 2.39 6.63 0.15	59.66 91.31 53.65 6.65 73.63
Teller	350,080	54.72	11.53	29.40	3.03	43.96
Washington Weld	1,613,440 2,574,080	92.21 88.88	$\substack{\textbf{0.10}\\\textbf{0.23}}$		5.66 6.86	$5.76 \\ 7.09$
Yuma	1,514,880	94.27	0.13		3.53	3.66
State	66 341 120	55 14	11.63	19.95	4.72	36.30

LAND CLASSIFICATION BY PERCENTAGES

\*On account of errors in surveys and from other sources the area of the patented and non-patented land in these counties exceeds the designated total area. 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.

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#### COLORADO COUNTIES AND COUNTY SEATS

		Railway	Population of County Seat	
COUNTY	County Seat	Dist'ce from Denver, Miles	Census 1910	Census 1920
Adams Alamosa Arapahoe Archuleta	Brighton Alamosa Littleton Pagosa Springs	$19\\251\\10\\421$	$\begin{array}{r} 850 \\ 3,013 \\ 1,373 \\ 669 \end{array}$	2,715 3,171 1,636 1,032
Baca Bent Boulder	Springfield‡ Las Animas Boulder	$\begin{array}{r}285\\202\\30\end{array}$	2,008 9,539	$295 \\ 2,252 \\ 10,006$
Chaffee. Cheyenne. Clear Creek. Conejos. Costilla. Crowley. Custer.	Buena Vista§ Cheyenne Wells Georgetown Conejos San Luis* Ordway Westcliffe	$240 \\ 177 \\ 50 \\ 281 \\ 248 \\ 169 \\ 209$	$1,041 \\ 270 \\ 950 \\ \dots \\ 705 \\ 232$	903 508 703 350 550 1,186 338
Delta Denver Dolores Douglas	Delta Denver Rico Castle Rock	$\begin{array}{c} 372\\ \cdot\cdot\cdot\\ 443\\ 32\end{array}$	2,388 213,381 368 365	$2,623 \\ 256,491 \\ 326 \\ 461$
Eagle Elbert El Paso	Eagle Kiowa* Colorado Springs	$\substack{\substack{329\\46\\75}}$	186 29,078	358 148 30,105
Fremont	Canon City	160	5,162	<b>†6,386</b>
Garfield Gilpin Grand Gunnison	Glenwood Springs Central City Hot Sulphur Springs Gunnison	360 45 86° 288	2,019 1,782 182 1,026	2,073 552 123 1,329
Hinsdale	Lake City Walsenburg	$\substack{351\\171}$	$405 \\ 2,323$	$317 \\ 3,565$
Jackson	Walden Golden	$\begin{smallmatrix} 256\\ 16 \end{smallmatrix}$	$\substack{162\\2,477}$	260 2,484
Kiowa Kit Carson	Eads Burlington	$\begin{array}{c} 230 \\ 167 \end{array}$		406 991
Lake La Plata Larimer. Las Animas Lincoln Logan	Leadville Durango Fort Collins. Trinidad Hugo Sterling	276 $451$ $68$ $212$ $104$ $123$	1,5084,6868,21010,2043433,044	4,959 4,116 8,755 10,906 838 6,415
Mesa Mineral Moffat Montezuma Montrose Morgan	Grand Junction Creede Craig Cortez Montrose Fort Morgan	424 321 232° 506 351 78	7,7547413925653,2542,800	$8,665 \\ 500 \\ 1,297 \\ 541 \\ 3,581 \\ 3,818$
Otero Ouray	La Junta Ouray	$\begin{array}{c}183\\387\end{array}$	$4,154 \\ 1,644$	4,964 1,165
Park. Phillips. Pitkin. Prowers. Pueblo.	Fairplay Holyoke Aspen Lamar Pueblo	$115 \\ 173 \\ 401 \\ 235 \\ 119$	265 659 1,834 2,977 44,395	183 1,205 1,265 2,512 40,050
Rio Blanco Rio Grande Routt	Meeker* Del Norte Steamboat Springs	295 283 177°	$807 \\ 840 \\ 1,227$	935 1,007 1,249
Saguache San Juan San Miguel Sedgwick Summit	Saguache* Silverton Telluride Julesburg Breckenridge	265 497 422 197 110	$\begin{array}{r} 620 \\ 2,153 \\ 1,756 \\ 962 \\ 834 \end{array}$	948 1,150 1,618 1,320 796
Teller	Cripple Creek	132	6,206	2,325
Washington Weld	Akron Greeley	$\begin{array}{c} 112 \\ 52 \end{array}$	647 8,179	$\substack{1,041\\10,958}$
Yuma	Wray	165	1,000	1,538

\* Not directly on railroad. † Greater Canon City. ‡ Via Lamar. Does not have direct rail communication with Denver. § Salida was chosen county seat for Chaffee County on November 6, 1928, but the election is being contested by Buena Vista and the case is pending in the Supreme Court. Salida is 215 miles from Denver and had a population of 4,425 in 1910 and 4,689 in 1920. ° Via Moffat Tunnel.

NOTE-Where the columns opposite names cross will be found the shortest railroad distance in miles between these cities. SHORTEST RAILROAD MILEAGE BETWEEN COLORADO TOWNS

Mray .	4415 14914 14915 1
Walden	22657 416507 416507 3331 4185 3331 4185 3333 4185 5104 5104 5104 5104 5104 5104 5104 510
bsbinirT	1117 2425 2425 1355 1355 1355 444 444 444 444 3355 3355
Sterling	374 1495 2883 2883 2883 2883 2885 547 4455 544 483 560 50 50 50 50 50 50 50 50 50 50 50 50 50
szairąz trodmestZ	428 3344 337 337 337 337 337 337 350 91 1777 357 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1774 91 1777 17777 1777 1777 17777 1777 17777 17777 17777 17777 17777 17
Salida	228 555 555 555 157 197 197 1197 1197 1197
Pueblo	$\begin{array}{c} 132\\ 1432\\ 201\\ 41\\ 1253\\ 3322\\ 3332\\ 3332\\ 3332\\ 3332\\ 3332\\ 3332\\ 3332\\ 3332\\ 546\\ 64\\ 64\\ 64\\ 64\\ 64\\ 64\\ 2296\\ 65\\ 2296\\ $
Pagosa Springs	111 111 111 111 111 111 111 111
Montrose	388 381 5518 5518 5518 55276 5528 1158 333 333 5528 5437 5528 5437 5528 5528 5528 5528 5528 5528 5528 552
Leadville	$\begin{array}{c} 289\\ 286\\ 286\\ 286\\ 286\\ 286\\ 286\\ 286\\ 286$
ssminA ssJ	215 2215 2215 2215 2215 2215 22260 2200 2200 2200 2200 2200 20000 2000000
La Junta	$\begin{array}{c} 196\\ 105\\ 105\\ 105\\ 105\\ 105\\ 105\\ 105\\ 105$
Zınqsəlul	446 446 33646 33646 498 3329 577 4272 4272 4272 4272 5373 1983 3829 1077 1077 1077 1077 1077 1077 1077 107
sznirgZ rudgluZ foH	337 316 316 316 316 316 316 316 316 316 316
Нојуоке	$\begin{array}{c} 422\\ 422\\ 423\\ 3333\\ 3305\\ 5594\\ 423\\ 5597\\ 4333\\ 33707\\ 33707\\ 33707\\ 5597\\ 449\\ 5597\\ 449\\ 5597\\ 449\\ 5597\\ 449\\ 5597\\ 449\\ 5597\\ 449\\ 5507\\ 5597\\ 449\\ 5507$ 5507\\ 5507 5507 5507\\ 5507 5
TiloH	2275 1184 1188 1188 1188 1188 1188 1188 118
Greeley	808 809 809 809 809 809 809 809 800 800
Grand Junction	$\begin{array}{c} 4.37\\ 4.5914\\ 4.5914\\ 4.5914\\ 4.5914\\ 4.5916\\ 4.5916\\ 5.5914\\ 4.516\\ 5.5917\\ 5.5977$
Glenwood Springs	$\begin{array}{c} 333\\ 3373\\ 3373\\ 3373\\ 3373\\ 3373\\ 33750\\ 33550\\ 33$
Fort Morgan	322 322 322 3238 3153 3153 352 55238 55238 55238 5502 5502 5502 5502 5502 5502 5502 550
Fort Collins	$\begin{array}{c} 319\\ 319\\ 319\\ 319\\ 319\\ 312\\ 312\\ 312\\ 312\\ 312\\ 312\\ 312\\ 323\\ 323$
Durango	2800 2800 2800 2800 2812 2812 2812 2812
Denver	2551 160 160 160 175 160 160 160 160 160 160 175 175 86 87 88 86 87 88 86 175 175 175 175 175 175 175 175 175 175
Delta	385 5539 5539 5539 5545 51 4400 51 4400 51 4400 51 51 51 51 51 51 51 51 51 51 51 51 51
Cripple Creek	2333 2533 577 567 3554 3554 3554 3554 3554 1332 2299 305 210 305 210 218 305 2116 218 4406 218 4406 218 4406 218 210 2253 2253 2253 2253 2253 2253 2253 225
Oraig	483 392 392 392 392 392 483 483 495 55 55 55 55 55 55 55 55 55 55 55 55 5
Colorado Springs	$\begin{array}{c} 176\\ 1565\\ 86\\ 86\\ 86\\ 775\\ 867\\ 76\\ 86\\ 1143\\ 875\\ 76\\ 846\\ 846\\ 1123\\$
Canon City	1440 1440 1442 1442 1442 1442 1442 1442
notzniltuß	**************************************
Boulder	280 280 280 280 280 280 280 280 280 280
seomslA	285 285 285 285 285 285 285 285 285 285
	uranosa oulder- urington- olorado Springs- olorado Springs- raig- benver- benv

## Location and Altitudes of Colorado Mountains

Name	County	Feet
Ashonee Mountain	Grand	_12,656
Adams Mountain	.Grand	12,115
Aetna Mountain	Chaffee	_13,800
Albion Mountain	Boulder	_12,596
Alpine Peak	Clear Creek	10 508
Alps Mountain	Clear Creek	12 325
Anchor Mountain	Dolores	12,520 12,564
Andrews Peak	Chaffee	14.245
Antero, Mount	Boulder-Grand	_12,873
Apiatan Mountain	Grand	_10,888
Arapahoe Peak	Boulder-Grand _	$_{13,506}$
Arkansas Mountain	_Lake	
Arrow Peak	San Juan	_13,803
Arthur Mountain	El Paso	12 222
Audubon Mountain	Boulder	12 615
Augusta Mountain	Gunnison	12.652
Avery Peak	Gunnison	_12,013
Axtel mountain		
Delen Mountain	Grand	_12,406
Baker Mountain	Boulder	_11,470
Bald Mountain	Summit	_13,964
Bald Mountain	Teller	_12,365
Baldy Mountain	Gunnison	_12,809
Baldy Peak	Ouray	_10,615
Banded Peak	Archuleta	10 620
Baxter Mountain		12 950
Bear Mountain	Mineral	12,746
Beautiful Mountain	Gunnison	12.371
Belleview	Rio Grande	_12,727
Bierstadt Mountain	Clear Creek	_14,046
Big Bull Mountain	_Teller	_10,826
Big Chief Mountain	_Teller	_11,220
Bison Peak	_Park	10,202
Blackhawk Peak	_Gilpin	10,343
Blackhawk Peak	Ootilla_Huerfan	,001
Blanca Peak	Alamosa	14,390
Bowen Mountain	Grand	12,541
Bross Mountain	Park	14,163
Buck Mountain	_Routt-Jackson	11,375
Buckeye Peak	_Lake	10,519
Buckskin Mountain	_Costilla	12 5/1
Buffalo Peak	_Summit	10,041
	D 1	19.025
Calico Peak	_Dolores	10,705
Cameron Cone	_El Paso	14,233
Cameron Mountain	Pitkin	13.997
Capitol Mountain	Gunnison	11,707
Cascade Mountain	_Grand	12,320
Castle Peak	_Gunnison-Pitkin	_14,259
Cement Mountain	Gunnison	12,212
Chama Peak	Archuleta	12,027
Chapin Mountain	Larimer	10,002 10,960
Chicago Peak	Clear Creek	_11.710
Chief Mountain	Hinsdale-Ouray	_11.785
Chiquita Mountain	Larimer	12,458
Cinnamon Mountain	Gunnison	12,270
Cirrus Mountain	Grand	12,804
Clarence King Mountain	Boulder	13,176
Clover Mountain	Chaffee	10 994
Colorado Mountain	Clear Creek	14 030
Columbia Peak	Boulder	13,491
Comanche Peak	Clear Creek	12,230
Coneios Peak	Conejos	
Copper Mountain	Summit	12,475
Copper Mountain	Teller	10,226
Courthouse Mountain	Hinsdale-Ouray	_12,165
Cover Mountain	-Park	12 669
Coxcomb Peak	Grand	12 005
Craig Mountain	Gunnison	12.172
Cresten Butte	Custer-Saguach	e 14,130
Crestone Peak	Saguache	14,233
OI COUNCI Can-	Wingdole	12 927

Nama	El	evation,
Culebre Book	Costillo Log	reet
Culebra reak	Animas	14.069
Cumulus Mountain	_Grand	12,724
Dalasta IIII	Cilain	10.090
Dakota Hill Del Norte Peak	Bio Grande	12 378
Democrat Mountain	_Park-Lake	14,000
Dickenson Mountain	Larimer	11,874
Double Top Mountain	.Gunnison	<b>12,192</b>
Dump Mountain	Costilla	10.310
Dunraven Mountain	Larimer	12,548
Eagle Peak	_Dolores	12,105
Echo Mountain	La Plata	
Electric Peak	_Grand	11.943
Elephant Mountain	Rio Grande	11,790
Elk Mountain	Mineral	11,030
Elliott Mountain	Dolores	12,718
Emerson Mountain	La Plata	-13.147
Emmons Mountain	_Gunnison	12,414
Engineer Mountain	-Hinsdale-Ouray	- 10 100
Engineer Mountain	San Juan	12 972
Eolus Mountain	La Plata	14.079
Estes Cone	_Larimer	11,017
Ethel Mountain	Routt-Jackson _	11.940
Evans Mountain	_Clear Creek	14 260
Expectation Mountain	Dolores	
Fairchild Mountain	_Larimer	13,502
Fisher Mountain	Grand	12,855
Fletcher Mountain	_Summit	13,917
Flora Mountain	-Clear Creek-	
Elevido Mountain	Grand	
Fox Mountain	-Da Flata	
Freeman Peak	Jefferson	11.627
George 14 Merumaterin	T71 T0	
Garfield Mountain	San Juan	10,925
Garfield Peak	Gunnison	-12.136
Gilpin Peak	_Ouray-San	
Clasion Peak	Miguel	13,682
Gothic Mountain	Gunnison	12,634
Grant Peak	_San Juan-San	
a Hal	Miguel	13,692
Gray Head	Costilla	10,994
Grayrock Peak	_San Juan	12.488
Grays Peak	Clear Creek-	
Cueuztene Boolt	Summit	12 490
Greenhorn Mountain	_Huerfano-Pueb	lo 12.334
Green Mountain	Jefferson	10.530
Greylock Mountain	La Plata	13,571
Grizzly Mountain	La Plata	13 695
Grizzly Peak	_Dolores-San Ju	an 13,738
	Tanta	10
Hague Peak	Grand	13,562 $11,742$
Hallet Peak	Grand-Larimer	12,723
Handies Peak	Hinsdale	14,008
Harvard, Mount	Chaffee	14,375
Hermosa Mountain	Dolores-San Ju	an 12 574
Hesperus Peak	Montezuma	13,225
Holy Cross Mountain	Eagle	13,978
Homestake Peak	Lagle	13,217
Horseshoe Mountain	Park-Lake	13 909

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

Manua	Grout	Elevation,
Name	County	Feet
Howard Mountain	Grand	12,814
Humphhaels Mountain	Custer-Saguac	ne _14,044
Hunchback Mountain	San Juan	13,133
The Manuelain	Constant and the second	
Ida Mountain	.Grand-Larime	r12,808
Irving reak	La riata	13,210
To some Manuata in	Comment's	19.095
Jacque Mountain	Summit	12 205
Jugged Mountain	San Juan	13 829
James Peak	Clear Creek-	
	Grand-Gilpi	n13,260
Johnny Bull Mountain	Dolores	12,018
Jura Knob	.San Juan	12,617
Kendall	San Juan	13,480
Kingston Peak	Clear Creek-	
THE DI	Gilpin	12,137
Kit Carson Peak	Saguache-Cus	ter 14,100
Klondike Mountain	Boulder	10,802
		1 10 505
La Garita	Mineral-Sagua	iche 13,725
La Plata Peak	Change	10 520
Legisthan Peak	San Juan	13 528
Lillie	Larimer	11 384
Lincoln Mountain	Park	14.287
Lizard Head	Dolores-San	
	Miguel	13,156
London Mountain	Park	13,161
Lone Cone	.San Miguel-	
	Dolores	12,761
Lonesome Peak	Grand	10,588
Longs Peak	.Boulder	
Lookout Mountain	Larimor	10,105
Lookout Peak	San Juan-	
Hookout I can	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	14,120
Martha washington Mth-		19 960
Massivo Mount*	Lako	
Massive, Mount* Matterborn Peak	Lake Hinsdale	13,269 14,402 13,589
Massive, Mount* Matterhorn Peak McClellan, Mount	Lake Hinsdale Clear Creek-	13,269 14,402 13,589
Massive, Mount* Matterhorn Peak McClellan, Mount	Lake Hinsdale Clear Creek- Summit	13,269 14,402 13,589 13,423
Massive, Mount* Matterhorn Peak McClellan, Mount Meadow Mountain	Lake Hinsdale Clear Creek- Summit Boulder	13,269 14,402 13,589 13,423 11,634
Massive, Mount* Matterhorn Peak McClellan, Mount Meadow Mountain Meeker Mountain	Lake Hinsdale Clear Creek- Summit Boulder Boulder	13,269 14,402 13,589 13,423 11,634 13,911
Massive, Mount* Matterhorn Peak McClellan, Mount Meadow Mountain Meeker Mountain Metroz Mountain	Lake Hinsdale Clear Creek- Summit Boulder Mineral	13,269 14,402 13,589 13,423 11,634 11,900
Massive, Mount* Matterhorn Peak McClellan, Mount Meadow Mountain Meteroz Mountain Mitoreil Audat	Lake Hinsdale Clear Creek- Summit Boulder Mineral Summit	
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Hill Mineral Point	Lake Hinsdale Clear Creek- Summit Boulder Mineral Summit Gunnison	
Massive, Mount* Matterhorn Peak McClellan, Mountain Meeker Mountain Metroz Mountain Mineral Hill Mineral Point Missouri Hill Monitor Peak.	Lake Hinsdale Clear Creek- Summit Boulder Boulder Mineral Summit Gunnison Chaffee La Plata	
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Point Missouri Hill Mosiri Hill Monument Hill	Lake Clear Creek- Summit Boulder Mineral Gunnison Chaffee La Plata	$\begin{array}{c}13,269\\14,402\\13,589\\13,423\\11,634\\13,911\\11,900\\10,885\\12,541\\12,700\\13,703\\ 10,830\\ \end{array}$
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Hill Mineral Hill Missouri Hill Monitor Peak Monument Hill Monument Peak.	Lake Hinsdale Clear Creek- Summit Boulder Boulder Summit Gunnison Chaffee La Plata La Plata La Plata	$\begin{array}{c}13.269\\14.402\\13.589\\13.423\\11.634\\13.911\\11.900\\10.885\\12.541\\12.700\\13.703\\10.830\\10.830\\10.641\\ \end{array}$
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Hill Mineral Point Mosouri Hill Monitor Peak Monument Hill Mosquito Peak	Lake Hinsdale Clear Creek- Summit Boulder Mineral Gunnison Chaffee La Plata La Plata Park-Lake	$\begin{array}{r}13.269\\14.402\\13.589\\13.589\\13.634\\ -11.634\\ -13.911\\11.900\\ -10.885\\ -12.541\\12.700\\ -13.703\\ -10.830\\ -10.641\\ -13.784 \end{array}$
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Hill Mineral Point Missouri Hill Monitor Peak Monument Hill Monument Heak Monument Peak Mummy Mountain	Lake Clear Creek- Summit Boulder Mineral Summit Gunnison Chaffee La Plata Plata Park-Lake Larimer	$\begin{array}{r}13.269\\14.402\\13.589\\13.589\\13.589\\10.842\\10.885\\12.541\\2.700\\10.885\\12.541\\2.700\\10.880\\10.830\\10.830\\10.830\\13.784\\13.78$
Massive, Mount <sup>*</sup> Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Hill Mineral Hill Monitor Peak Monument Hill Monument Hill Monument Peak Mony Peak Mosquito Peak Mummy Mountain	Lake Hinsdale Clear Creek- Boulder Boulder Summit Summit Gunnison Chaffee La Plata La Plata Ja Plata Park-Lake Larimer	$\begin{array}{r}13.269\\14.402\\18.589\\18.589\\18.589\\18.589\\19.589\\19.589\\19.589\\19.589\\10.880\\10.880\\10.830\\10.830\\10.841\\18.784\\18.784\\18.418$
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Hill Mineral Point Missouri Hill Monitor Peak Monument Hill Monument Heak Mosquito Peak Mummy Mountain Naki Peak	Lake Hinsdale Clear Creek- Boulder Boulder Summit Gunnison Chaffee La Plata La Plata Park-Lake Larimer Grand	$\begin{array}{c}13.269\\14.402\\13.589\\$
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Point Missouri Hill Monitor Peak Monument Hill Monument Hill Monument Hill Monument Heak Mosquito Peak Nummy Mountain Naki Peak Navajo Peak	Lake Clear Creek- Summit Boulder Mineral Summit Gunnison Chaffee La Plata La Plata Park-Lake Larimer Grand Boulder-Grand	$\begin{array}{c}13.269\\14.402\\13.589\\13.589\\13.589\\13.589\\13.589\\13.589\\13.589\\13.580\\13.700\\13.783\\13.784\\13.$
Massive, Mount <sup>*</sup> Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Hill Missouri Hill Monument Hill Monument Peak Monument Peak Mounment Peak Mummy Mountain Naki Peak Navajo Peak	Jahner Lake Hinsdale Clear Creek- Summit Boulder Summit Gunnison Chaffee La Plata La Plata La Plata Jark-Lake Larimer Grand Boulder-Grand San Juan	$\begin{array}{c}13.269\\14.402\\13.589\\13.589\\13.589\\13.589\\12.589$
Massive, Mount <sup>*</sup> Matterhorn Peak McClellan, Mount Meeker Mountain Merroz Mountain Mineral Hill Mineral Hill Monitor Peak Monument Hill Monument Hill Monument Peak Mosquito Peak Mummy Mountain Naki Peak Navajo Peak Navajo Peak Navajo Peak Navajo Peak Navajo Peak Navajo Peak Navajo Peak	Lake Hinsdale Clear Creek- Boulder Boulder Summit Gunnison Chaffee La Plata La Plata Park-Lake Larimer Grand Boulder-Grand San Juan Gilpin	$\begin{array}{c}13.269\\14.402\\13.589\\$
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Mieral Point Missouri Hill Monitor Peak Monument Hill Monument Hill Monument Hill Monument Hill Monument Hill Monument Hill Monument Hill Monument Hill Monument Hill Nummy Mountain Naki Peak Navajo Peak Nebraska Hill Nigger Hill	Lake Clear Creek- Summit Boulder Mineral Summit Gunnison Chaffee La Plata La Plata Park-Lake Larimer Grand Boulder-Grand San Juan Gülpin Summit	$\begin{array}{c}13.269\\14.402\\13.589\\13.589\\13.589\\13.589\\13.589\\13.589\\13.589\\13.591\\13.591\\13.592\\13.$
Massive, Mount* Matterhorn Peak. McClellan, Mount. Meeker Mountain Mineral Hill Mineral Point Missouri Hill Monument Hill Monument Peak Monyuito Peak Mummy Mountain Naki Peak Navajo Peak Nebo Mountain Nebraska Hill Nigrer Hill Nimbus Mountain	Jahner Lake Hinsdale Clear Creek- Summit Boulder Summit Gunnison Chaffee La Plata La Plata La Plata La Plata La Plata Grand Chaffee La Plata Grand Grand Boulder-Grand Gilpin Summit Grand	$\begin{array}{c} -13.269\\ -14.402\\$
Massive, Mount* Matterhorn Peak. McClellan, Mount. Meeker Mountain Merez Mountain Mineral Hill Mineral Hill Monitor Peak Monument Hill Monument Hill Monument Peak Monument Peak Mosquito Peak Mummy Mountain Naki Peak Navajo Peak Navajo Peak Navajo Peak Navajo Peak Navajo Peak Nabe Mountain Nebraska Hill Nigger Hill Nimbus Mountain Nipple Mountain	Lake Hinsdale Clear Creek- Boulder Boulder Summit Gunnison Chaffee La Plata Dark-Lake Park-Lake Larimer Grand Boulder-Grann San Juan Gilpin Summit Grand Fremont	$\begin{array}{c}13.269\\14.402\\13.589\\13.589\\13.589\\13.589\\13.589\\13.589\\13.589\\13.591\\13.592\\13.$
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Point Missouri Hill Monitor Peak Monument Hill Monument Hill Monumant Hill Monumant Hill Monumant Hill Missouri Hill Nigger Hill Nipple Mountain Nipple Mountain North Halian Mtn.	Lake	$\begin{array}{c}13.269\\14.402\\13.589\\13.589\\13.589\\13.589\\13.589\\10.885\\10.885\\10.885\\10.880\\10.880\\10.880\\10.880\\10.880\\10.880\\$
Massive, Mount <sup>*</sup> Matterhorn Peak. McClellan, Mount. Meeker Mountain Mineral Hill Mineral Point Missouri Hill Monument Hill Monument Peak Monyuito Peak Mummy Mountain Naki Peak Nebo Mountain Nebraska Hill Nigger Hill Nimbus Mountain Nigger Hill Nimbus Mountain Nigger Hill Nimbus Mountain Nigpel Mountain North Italian Mtn. North Italian Mtn.	Jake Index Hinsdale Glear Creek- Summit Boulder Mineral Gunnison Chaffee La Plata Dark-Lake Park-Lake Park-Lake Grand Grand Grand Grand Grand Grand Grand Grand Grand Premont Gunnison Pitkin	$\begin{array}{c} -13.269\\ -14.402\\ -13.589\\ -13.423\\ -11.634\\ -11.634\\ -11.900\\ -10.885\\ -12.541\\ -12.700\\ -13.703\\ -10.830\\ -10.641\\ -13.703\\ -10.641\\ -13.784\\ -13.784\\ -13.784\\ -13.413\\ -12.221\\ -13.406\\ -13.192\\ -11.548\\ -10.171\\ -12.730\\ -10.068\\ -3.225\\ -14.000\\ \end{array}$
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Hill Mineral Hill Monitor Peak Monument Hill Monument Hill Monument Peak Mosquito Peak Mosquito Peak Mummy Mountain Naki Peak Navajo Peak Navajo Peak Navajo Peak Navajo Peak Nabe Mountain Nebo Mountain Nebo Mountain Nigger Hill Nimbus Mountain North Italian Mtn North Marcon	Lake Hinsdale Clear Creek- Boulder Summit Gunnison Chaffee La Plata Park-Lake Park-Lake Larimer Grand Grand Gilpin Summit Grand Grand Gunnison Pitkin	$\begin{array}{c}13.269\\14.402\\13.589\\13.589\\13.589\\13.589\\10.855\\10.855\\10.855\\10.856\\10.850\\10.850\\10.830\\10.8$
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Mineral Point Missouri Hill Monument Hill Misger Hill Nigger Hill Nipple Mountain North Italian Mtn. North Maroon Ohio Peak	Lake	$\begin{array}{c}$
Massive, Mount* Matterhorn Peak. McClellan, Mount. Meeker Mountain Mineral Hill Mineral Point Missouri Hill Monument Hill Monument Peak Mony Peak Mony Peak Mummy Mountain Naki Peak Nebo Mountain Nebraska Hill Nibus Mountain Nigrer Hill Nimbus Mountain Nigre Hill Nimbus Mountain North Italian Mtn. North Italian Mtn. North Marcon	Jake Index I	$\begin{array}{c}13.269\\14.402\\13.589\\13.589\\13.589\\13.589\\13.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.599\\$
Massive, Mount* Matterhorn Peak. McClellan, Mount. Meeker Mountain Meeker Mountain Mineral Point Mineral Point Missouri Hill Monument Hill Monument Hill Monument Hill Mosquito Peak Mummy Mountain Naki Peak Nebraska Hill Niebraska Hill North Halain Mtn. North Italian Mtn. North Baroon Old Baldy Mountain. Oregon Hill	Lake	
Massive, Mount* Matterhorn Peak McClellan, Mount Meeker Mountain Metroz Mountain Mineral Point Missouri Hill Monument Hill Monument Hill Monument Hill Monument Hill Monument Hill Monument Hill Navajo Peak Navajo Peak Navajo Peak Navajo Peak Nebraska Hill Nigger Hill Nipple Mountain North Italian Mtn North Maroon Ohio Peak Old Baldy Mountain	Lake	$\begin{array}{c}$
Massive, Mount* Matterhorn Peak. McClellan, Mount. Meeker Mountain Mineral Hill. Mineral Hill. Missouri Hill. Monument Hill. Monument Peak. Monument Peak. M	Jake Index Hinsdale Glear Creek- Summit Boulder Mineral Gunnison Chaffee La Plata Da Plata Park-Lake Park-Lake Park-Lake Grand Grand Grand Grand Grand Grand Grand Grand Fremont Gunnison Pitkin Costilla-Huer Gio Grande Gipin Boulder Boulder Costilla-Huer Gunnison Costilla-Huer Gipin Boulder La Plata	$\begin{array}{c}13.269\\14.402\\13.589\\13.589\\13.589\\13.589\\13.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.589\\14.599\\$
Massive, Mount? Matterhorn Peak. McClellan, Mount. Meeker Mountain Mineral Hill. Mineral Hill. Monument Hill. Monument Hill. Monument Peak. Mosquito Peak. Mummy Mountain. Naki Peak. Navajo Peak. Navajo Peak. Navajo Peak. Nebo Mountain Nigger Hill. Nimbus Mountain. North Halian Mtn. North Maroon. Ohio Peak. Old Baldy Mountain. Oregon Hill. Orton Mountain. Oregon Hill. Orton Mountain. Oregon Hill.	Jake Hinsdale Hinsdale Glear Creek- Summit Boulder Mineral Gunnison Chaffee Gunnison Park-Lake Park-Lake Park-Lake Grand Grand Grand Grand Grand Grand Gunnison Costilla-Huerf Rio Grande Gilpin Boulder Boulder Gilpin Gunnison Costilla-Huerf Rio Grande Gilpin Boulder Boulder Boulder Boulder Grand Grand Boulder Boulder Grand Grand	$\begin{array}{c}13.269\\14.402\\13.589\\13.$

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

Name	County	Feet
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-	19.945
Pearl Mountain	Gunnison	13 /8/
Peeler Peak	Gunnison	12.219
Pigeon Peak	La Plata	13,961
Pikes Peak	_El Paso	14,110
Pilot Knob	San Juan-San	
Piegah Mountain	Miguel	13,750
i isgan mountain	Cilnin	10.085
Pole Creek Mountain	Hinsdale	13,740
Pool Table Mountain	_Mineral	12.142
Porphyry Peaks	-Grand	\$ 11,155
Detete IIII	а т	11,355
Potato Hill	-San Juan	11,876
Princeton Mount	Chaffee	13,763
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
Quandam Park	Q	
Quandary Peak	Summit	14,256
Ded Claud D	TT: 1 -	
Red Cloud Peak	-Hinsdale	14,050
Red Mountain	-La Plata	10,670
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
Ruhy Peak	Gunnison	12 7495
Rudolph Hill	_Gunnison	10.130
Saddle Mcuntain	Park	10,815
Saddle Mountain	Mineral	12,033
St. Vrain Mountain	_Boulder	12,162
San Bernardo Mountain_	-San Miguel	11,845
San Luis Mountain	Somucho	14 1490
Satanta Peak	Grand	11.885
Sawtooth Mountain	_Mineral	12,590
Sawtooth Mountain	_Boulder-Grand	12,304
Saxon Mountain	_Clear Creek	11,535
Schuylkill Mountain	Gunnison	12,188
Shoop Mountain	Cunnicon	12 120
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
Siloy Mountain	Son Juan	13 627
Silverheels Mountain	Park	13.825
Sioux Mountain	Boulder-Grand	13,310
Sneffels, Mount	Ouray	14,158
Snowdon Peak	-San Juan	13.070
Snowmass Mountain	-Pitkin-Gunnisc	n _13,970
Spanish Peak West	-Huerfano-	12,823
optimon a carr, it coulais	Las Animas	13,623
Spanish Peak, East	Huerfano-	
	Las Animas	12,708
Specimen Mountain	-Grand-Larimer	
Star Peak	-Gunnison	11 11 400
Stewart Peak	Saguache	14 032
Stoll Mountain	Park	10.915
Stones Peak	Larimer	12,928
Stony Mountain	Ouray	12,677
Storm King Peak	_San Juan	13,742
Storm Peak	Larimer	11 850
Stormy Peak	Park	11.748
work and a which me me me me me		

	LE1	levation,
Name	County	Feet
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	<u>San Juan</u>	13,617
Tilton Mountain	Gunnison	12,633
Torrey Peak	Clear Creek-	
	Summit	14.264
Trachyte Mountain	Teller	10,863
Trinchera Mountain	Costilla-Huerfar	10 13,546
		(13,752
Trinity Peak	San Juan	. { 13.804
		l 13,745
Turret Peak	La Plata	13,819
Twilight Peak	San Juan	13,153
Twin Sisters	Larimer	11,435

Name	County	Elevation, Feet
Twin Sisters	_San Juan	13,438
Uncompanyere Peak	Hinsdale	14 306
Union Mountain	_Summit	12,336
Varmillian Dools	San Tuan San	
verminion reak	san Juan-san	13 870
Vestal Peak	-San Juan	13.846
Vigil Peak	_El Paso	10.075
	a	
Wasatch Mountain	-San Miguel	13,551
West Weedle Mountain	Hinadolo Ouro	14 020
Wheatstone Mountain	Gunnison	12 5/2
Whitecross Mountain	Hinsdale	13 550
White Dome	San Juan	13 607
Whitehouse Mountain	Ouray	13.496
White Pine Mountain	Larimer	10.250
White Rock Mountain	_Gunnison	13,532
Wildhorse Peak	_Ouray	13,271
Wilson Mountain	Dolores	14,250
Wilson Peak	San Miguel	14,026
Windom Mountain	La Plata	14,084
Witter Peak	Clear Creek	12,856
Yale, Mount	Chaffee	14 187
Ypsilon Mountain	Larimer	13.507
Zirkel Mountain	Jackson-Routt	11.815

## Lakes and Reservoirs

Name	County	Altitu
Arapahoe	Gilpin	11,165
Antero Res	Park	8,934
Adams Res	Adams	
Adobe Creek Res	Bent-Kiowa	4,150
Bradford	Huerfano	5,850
Black Hollow Res	Weld	5,065
Bee	Larimer	5,175
Bolles	Boulder	5,040
Boedecker	Larimer	5,075
Bison Res	Teller	10,400
Blue	Conejos	11,931
Burch's	Boulder	5,145
Beasley Res	Boulder	5,195
Boulder	Boulder	5,228
Boyd Lakes	Larimer	4.960
Bent County Res	Bent	4,300
Barr	Adams	
Badger Kes	Morgan	0.010
Big Creek Lakes	Jackson	9,010
Boetcher	Jackson	10 225
Dreman	Gunnison	11 425
Big Nile	Adams	
218 1110-11		
Clear	Clear Creek	9,870
Chicago	Clear Creek	11.350
Crater	Jefferson	8,877
Chinn	Clear_Creek	11.020
Chasm	Boulder	11,800
Caroline	Clear Creek	11.853
Castlewood Res	Douglas	6,475
Calkins	Weld	4,975
Curtis	Larimer	5,080
Cheesman	Jetterson	11 075
Clear Lake	San Juan	11,879
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
Emerald	Hinsdale	10,020
Eldora	Boulder	9,245
Edith	Clear Creek	10,117
Eileen	La Plata	8,924

Name	County	Altitude
Erdman	Pueblo	4 610
Empire Res.	Morgan-Weld	1,010
	anorgan freid -	
Fossil Creek Res.	Larimer	4 890
Fountain Valley Res.	El Paso	5 800
		0.000
Grand	Grand	8,369
Gold	Boulder	8,600
Gerard Res	Prowers	4.050
George	Park	6,915
Hoffman	Boulder	5,120
Hazel	San Juan	11.420
Hazel	La Plata	12,420
Head	Alamosa	7.527
Hermit Lakes	Hinsdale	9.975
Horse Creek Res	Bent-Otero	4,950
Hungerford	-Pueblo	4.520
Huerfano	Pueblo	4.725
Hayden Res	Pueblo	
Ice	-Clear Creek	12.188
Ignacio Res	La Plata	8.375
Isabelle	Boulder	10.852
Irish	Larimer-Boulder	5,090
Jasper	Boulder	10,733
Julesburg Res	-Sedgwick-Logar	1
Jackson	Morgan	
Jim Crowe Res	-Weld	
King Res.	Kiowa-Prowers	3 860
		22 0.000
Lost	.Boulder	9,980
Lower Crater	-Gilpin	10,580
Los Lagos	-Boulder-Gilpin	8,930
Loch Lomond	-Clear Creek	11,140
Lena	-Routt	9,980
Lorland	_Larimer	5,022
Loch Ivanho	-Pitkin	10.930
Long	-Boulder	10,499
McIntosh	Boulder	5.060
Moraine	El Paso	10.215
Monarch	Grand	8.340
Mills	Larimer	11,496
Maroon	Pitkin	9,700
Molas	San Juan	10,488
Margareta	Routt	10.450
Milton	Weld	

Name	County	Altitude
Middle Plum Res.	Prowers	4.100
Meredith	Crowley	4.308
Minnequa	Pueblo	4.740
Naylor	.Clear Creek	11,348
New Windsor Res		4,920
North Plum Res	Prowers	4.100
North Butte Res	Prowers	4.200
Nee Noshee Res. No. 3	_Kiowa	3,870
Nee Sopa Res. No. 5	Kiowa	3,860
Nee Gronda Res. No. 4	_Kiowa	3,840
Nee Skah Res	Kiowa	3,885
Owons	Boulder	5 220
Otanawanda	Aurov	8 900
Otanawanua	Ouray	0,000
Palmer	Douglas	9,210
Peterson	.Boulder	9,245
Point of Rocks Res.	Logan	3,800
Price Res.	Prowers	3,850
Prewitt Kes.	Logan	3,900
Pisgah	Gilpin	9,656
Powderhorn	Hinsdale	11.830
Res. No. 2	.El Paso	11,270
Res. No. 4		10.900
Res. No. 5	.Teller	10,900
Res. No. 7	.El Paso	12,080
Res. No. 8	.El Paso-Teller_	11,675
Riverside Res	.Weld	
Res. No. 1, No. 2	Kiowa	3,770
Res. No. 4	Kiowa	4,025
Res. No. 1	Otero	4,750
Res. No. 4	.Otero	4,750
Res. No. 5	.Otero	4,750
Shaw	Mineral	9.830
Spruce Lakes	Mineral	11.263
Silver	San Juan	11,675

Name	County	Altitude
Seelev	Weld	4.175
San Cristobal	Hinsdale	8,997
Santa Maria	Mineral	9.475
San Luis	Alamosa	7.525
Strawberry	Grand	8.340
Summit	Clear Creek	12.740
Slater	Clear Creek	11.385
Silver	Boulder	10,190
Swedes	Boulder	5,095
Snowden	Otero	4,820
Seven Lakes	Teller	10,900
Sanchez Res	Costilla	8,500
Stanley Res	Jefferson	
Twin Lokes	Leke	0.019
Trout	Son Miguel	0.750
Power		9,100
Timpoth	Wold	4,000
Two Buttes Res	Baca-Prowers	4,500
Turkey Creek Res	Pueblo	5 580
Thatcher	Pueblo-Fl Pas	5 305
111400101==============		0 0.000
Upper Crater	Gilpin	10,997
Upper Nile	Adams	
Wellington	Jefferson	9 863
Warren	Larimer	4 985
Woods	Wold	4 860
Woods	Eagle	9,405
Webster Park Res.	Fremont	5,950
Williams-McCreery	Morgan	0,000

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.

## Altitudes and Location of Mountain Passes

Name of Pass	County	Elevation
Alnine Tunnel	Chaffee-Gunnis	on 11,606
Antelope	.Gilpin	8,050
Argentine	_Summit-Clear	
	Creek	13,132
Arapahoe	.Boulder-Grand	11,906
Beckwith	_Gunnison	9.890
Berthoud	_Clear Creek-	
	Grand	11,315
Boreas	Park-Summit	11,489
Breckenridge	Summit-Park	11,503
Buchanan	Boulder-Grand	12,304
Buffalo	Jackson-Routt	10,180
Comoron	Larimer-Jackso	on 10.285
Caballa	Hinsdale	10.394
Corona	Gilpin-Grand	11.660
Cumbres	Conejos	10,003
Cochetona	Saguache	10,032
Cinnamon	Hinsdale-San	
011111111111111111111111111111111111111	Juan	12,300
Devil's Thumb	Boulder-Grand	11,900
East River	_Gunnison	11,163
Elwood	_Conejos-Archu-	
21.11.00.00.00.00.00.00.00.00.00.00.00.00	leta	11,678
Eagle	.La Plata	10,750
Fell Piyor	Larimer	11.797
Fremont	Lake-Summit	11,320
Fawn Creek	.Grand	9,430
Georgia	.Park-Summit	11.476
Hagerman	Lake	11,495
Halfmoon	.Saguache	12,712
Hoosier	Park-Summit	11.542
Hancock	Gunnison-Chaff	ee 12,263

Name of Pass	County	Elevation
Havden	Fremont	10 780
Hunter	Lake-Pitkin	12.226
Imogene	Ouray-San	
	Miguel	13,116
Independence	Lake-Pitkin	12,095
Lake Creek	Lake-Gunniso	on12.226
La Veta	Huerfano-Co	stilla 9.378
Loveland	Clear Creek-	
	Summit	11,992
Meadow	Rio Grande-	
	Mineral	10,300
Medanos	Saguache-	10.150
Miles and	Hueriano .	10,150
Miller	Grand-Larim	er10,759
Mosquito	Park-Lake	13,188
Mosca	nueriano-	0.719
Marshall	Saguache .	10 950
Monarch	Chaffee Cunn	ison 11 650
Muddy	Lackson-Gran	d 8779
Music	- Custer-Sagua	che 11.800
	=== Ouster-Dagua	enc 11,000
Ohio	Gunnison	10.033
Ophir	San Juan-Sai	1
	Miguel	11.350
Poudre Lakes	Grand-Larim	er10.192
Pearl	Pitkin-Gunnis	son _12,715
Poncha	Chaffee-Sagua	ache 8,945
Rabbit Ears	Grand-Jackso	n-
T 1 M	Routt	9.680
Red Mountain	San Juan-Ou	1ray_11.018
Poton	Bounder-Gran	a11,680
Raton	Las Animas	7,893
San Francisco	Las Animas	8 560
NAME AND ADDRESS OF THE OWNER	and the shirt in the state of t	0.000

Name of Pass	County	Elevation
Sangre de Cristo	Huerfano-Co	ostilla 9,459
Slumgullion	Hinsdale	11,025
Swampy	Gunnison _	10,365
Stony	San Juan	12,594
Tarryall	Park	12,456
Tennessee	Lake	10,276
Trout Lake	Chaffee-Par	k 9,346
Trimble	La Plata	13,076

Name of Pass	County	Elevation
Ute	Jackson-Rout	t10.900
Victor	Teller	
Webster	Summit-Park	12,108
Weminuche	Hinsdale Lake-Park _	
Willow Creek	Park-Summit	9,683
WOII OISER	leta	10,850

### **Tourist Attractions**

OLORADO 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 The in-States and foreign countries. vigorating low-pressure atmosphere of high altitudes, the cool and refreshing nights, the days of continuous sunshine and the accessibility of the at-tractive 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 peaks that tower more than 14.000 feet above sea level, while Switzerland has but eight. Colorado has fully 1,000 peaks 10,000 feet high and over, while Switzerland has fewer than one-eighteenth as many. Every peak in Colorado is accessible for any careful and reasonably strong mountain climber entirely to its summit, while the highest peaks in Switzerland are accessible to their summits only for hardy and expert climbers and then only under the direction of experienced guides.

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

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

The government is constantly improving the highways, providing facilities for campers, automobile travelers and other visitors in these parks, while hotel and transportation facilities are all that may be desired. In 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 13,278,233 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.

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 excellent sport it affords the the anglers. The streams are stocked annually by the state game and fish department, the number of trout planted increasing yearly. In 1928 there were 26,000,000 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 geologi-cal 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, sanitoria, hotels and other conveniences.

One of the springs at Pagosa Springs has an average flow of about 700 gallons per minute, being one of the largest mineral springs in the United States. The waters of many of the Colorado mineral springs are highly radio-active, comparing favorably with the most notable springs in the world in this respect. Temperatures of the waters vary greatly, the highest being that of the Hortense hot springs, near Mt. Princeton, in Chaffee county.

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

### Homestead Lands

THE United States government had 7,717,121 acres of unappropriated and unreserved land within the boundaries of Colorado on July 1, 1928, subject to entry under homestead and other public land laws. Of that area, 6,907,931 acres was surveyed and 809,190 acres unsurveyed.

Exclusive of this vacant land, there was 2,080,068 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.

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

It should be borne in mind by prospective settlers who are looking to the government domain as a possible location that the land has been combed by homeseekers for many years and that in most cases that most suited to farming has been filed upon long since. It must also be recognized that the task of subduing raw land and making it productive is one which seldom can be accomplished without some money and some acquaintance with the locality and its farming problems. Newcomers in the state are urged to use care and judgment in selecting homestead land and are advised that it is far better to spend time in investigating the various tracts still open to settlement than to jump to conclusions and select a tract which later may be found to be unfit for farming or to be too remote from railroads and markets to make farming a financial success.

Entries upon the public domain have been decreasing steadily in recent years, due to the prior acquisition of the more desirable tracts by settlers. Public land entered in the fiscal year ending June 30, for the past seven years, in acres, is as follows:

1922								•		•		•			1,	258,989
1923																892.124
1924																605,390
1925																417.225
1926																357.464
1927																426,780
1928																345,925

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, 1928, 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.

Distribution of Public Domain, July 1, 1928

State	Area Acres	Per Cent of U.S. Total
Arizona	18,199,100	9.38
Arkansas	218,911	0.11
California	20,422,083	10.54
Colorado	7,717,121	3.98
Florida	11,506	0.01
Idaho	10.764.857	5.55
Minnesota	214.340	0.11
Montana	7,192,318	3.72
Nebraska	28,623	0.01
Nevada	53,878,958	27.80
New Mexico	16.869.600	8.70
North Dakota	126,474	0.07
Oregon	13,423,703	6.93
South Dakota	396.200	0.20
Utah	25,994,956	13.41
Washington	877.921	0.45
Wyoming	17,510,569	9.03
Grand Total	193,847,240	100.00

Land district and country	Area in	n acres			
	Surveyed	Total			
Denver:					
Boulder	7,000	7,400			
Chaffee	83,220	83,220			
Clear Creek	6,840	18,440			
Dolores	29 210	29 210			
Douglas	680	680			
Eagle	215,540	217,540			
Elbert	120	120			
Garfield	24,600 598 640	641 640			
Gilpin	920	4,400			
Grand	115,420	115,420			
Gunnison	311,740	323,740			
Hinsdale	87,120	103,120			
Jefferson	880	880			
Lake	14,160	26,960			
Larimer	26,125	26,125			
Logan	2,080	2,080			
Moffat	1.241.290	1.480.580			
Montrose	358,880	423,880			
Morgan	2,240	2,240			
Ouray	22,360	22,360			
Philling	176	176			
Pitkin	7,200	18,200			
Rio Blanco	901,260	1,021,360			
Routt	66,680	68,280			
San Miguel	94,280	94,280 250 540			
Sedgwick	80	80			
Summit	13,640	18,640			
Teller	1,120	1,120			
Weld	5,880	5,880			
Yuma	1,960	1,960			
Total	5,478,006	6,196,516			
Pueblo:					
Alamosa	30,280	34,120			
Baca	4,743	92,343			
Bent	11,400	11,400			
Chaffee	1,121	1,121			
Coneios	135.257	135.257			
Crowley	2,401	2,401			
Custer	13,017	13,017			
Elbert	120	120			
El Paso	909	2,069			
Fremont Hinsdale	311,581	9,390			
Huerfano	67,763	67,763			
Kiowa	2,202	2,202			
La Plata	139,187	150,067			
Las Animas	77,451	79,331			
Montezuma	2,227	2,227			
Otero	6,252	6,252			
Prowers	1,983	1,983			
Rio Grande	63,409	63,409			
Saguache	119,808	119,808			
San Juan Teller	39,249	54,630 39,249			
Total	1,429,925	1,520,605			
State total	6,907,931	7,717,121			

## State or School Lands

 $W_{land}$  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 oneeighteenth 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.

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:

	ALOLOS
Agriculture and grazing	.2,462,422
Mineral	. 782
Clays, limestone, etc	. 3,694
Oil and gas	. 207,854
C0a1	. 11,014

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
Joan	. 188,723
Total	\$ 9 9 0 7 0 0

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 so	ld				 	 				25,513
Purchase	pri	ce.			 	 			. \$	391,104
Average	per	ac	$\mathbf{re}$	 						.\$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
	. 010

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:

 $\mathbf{F}$ 

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
remtentiary	. 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. Leases are made much in 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 estimates made by the mineral superintendent of the state land board. This is the most valuable asset owned by the state, practically all of which was granted to Colorado by the federal government for the benefit of the public school system. The value of this land is estimated at approximately \$100,000,000. It is distributed through nearly every coal-bearing district in the state as follows:

	Ganon	City	District	Acres
remont	county.			1.960

#### Northern Coal Fields

Adams county	9,600
Boulder county	9,080
Denver county	1 920
Douglas county	13,180
Elbert county	30,020
Lefforson county	44,700
Weld county	1,820
	19,900
Southern Coal Fields	

Huerfano	co	unty								11.400
Las Anima	ιs	county	۰.							33,360

#### Yampa Coal Fields

Moffat	county.	•				•						120,400
Routt	county.		• 1 •									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

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.

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	338,616	161,174	732,487
Penitentiary	31,985	22,418	9,567	7,120
Public building	31,905	27,191	4,714	4,078
Saline	18,830	5,371	13,459	13,603
Reformatory	520		520	
University	45,844	36,678	9,171	3,226
General fund	14,671	2,253	12,417	
Total	4,487,349	1,355,376	3,131,972	2,462,422

STATUS OF VARIOUS STATE LAND GRANTS, 1928
# **National Forests**

## (By the United States Forest Service.)

LARGE portion of the mountain-A ous 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 now under the supervi-sion of the United States forest service in the form of national forests. There are in all fifteen wholly in the state and two others which lie partly within its boundaries. These forests are administrative units into which suitable portions of this entire area, extending from Wyoming to New Mexico, have been divided for efficiency in handling. They average a little less than 1,000,000 acres each in area, or in all 13,278,233 acres.

As far as possible, these timber lands are handled as local industries. Although they are a part of an extensive system comprising 151 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 supervision is charged with the handling of most of the business with users and purchasers on the ground.

These forests, together with part of those in Wyoming, those in South Dakota, Nebraska and Oklahoma, 23 in all, make up the Rocky Mountain district. Colonel Allen S. Peck is district forester, with headquarters in the new federal building, Denver. Assistant district foresters are in charge of branches of operation, including fire protection, forest management, grazing, lands and public relations. A district engineer and a fiscal agent complete the organization immediately under the district forester. The total of national forest officers in the state is a little less than 150.

The forests in Colorado comprise a little more than 8 per cent in area of the 159,480,856 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, together with its net area within this state, and the headquarters of the supervisor:

National Forest Headquarters	Acres
Arapaho, Hot Sulphur Springs.	637,106
Cochetopa, Salida	908,787
Colorado, Fort Collins	830,343
Grand Mesa, Grand Junction	659,584
Gunnison, Gunnison	911,629
Holy Cross, Glenwood Springs.1,	,124,318
*La Sal, Moab, Utan	26,631
tMedicine Down Loromic Wwo	929.033
Mentoruma Manaos	710 / 19
Pike Colorado Springs	087 472
Rio Grande, Monte Vista	136,757
Routt. Steamboat Springs	750.334
San Isabel, Pueblo	600,216
San Juan, Durango1,	248,657
Uncompangre, Delta	756,310
White River, Glenwood Springs	884,873

\*Lies principally in Utah. †Lies principally in Wyoming.

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:

Arapaho: Grand and Jackson counties. Cochetopa: Chaffee, Gunnison, Hinsdale and Saguache counties.

Colorado: Boulder, Gilpin, Jackson, Jef-ferson and Larimer counties.

Grand Mesa: Delta, Garfield, Gunnison and Mesa counties.

- Gunnison: Delta, Gunnison and Montrose counties.
- Holy Cross: Eagle, Garfield, Gunnison and Pitkin counties. La Sal: Mesa and Montrose counties. Leadville: Chaffee, Lake, Park and

- Leadville: Challee, Lake, Park and Summit counties. Medicine Bow: Jackson, Montezuma: Dolores, La Plata, Monte-zuma and San Miguel counties. Pike: Clear Creek, Douglas, El Paso, Jefferson, Park and Teller counties. Rio Grande: Archuleta, Conejos, Hins-dalo Lo Plata Mineral Pio Grande
- dale, La Plata, Mineral, Conejos, Hins-dale, La Plata, Mineral, Rio Grande, Saguache and San Juan counties. Jutt: Grand, Jackson, Moffat and
- Routt: Routt counties.
- Alamosa, Chaffee, Custer, Huerfano, Las Animas, San Isabel:
- San Isabel: Alamosa, Chaffee, Custer, Fremont, Huerfano, Las Animas, Pueblo and Saguache counties.
  San Juan: Archuleta, Conejos, Hinsdale, La Plata, Mineral, Rio Grande and San Juan counties.
  Uncompahgre: Gunnison, H i n s d a l e, Mesa, Montrose, Ouray, San Juan and San Miguel counties.
  White River: Eagle, Garfield, Moffat, Rio Blanco and Routt counties.

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.

Although dedicated primarily to the preservation and production of timber, these forests contain many other resources which recommend themselves to the attention of the public for conservation, as well as timber. Among them are forage for live stock, water and recreation. It is the business of the forest service in Colorado to coordinate all of these with the first purpose of growing timber in such a way as to realize the greatest returns from each with the least sacrifice of other uses.

Timber—During 1928 a total of 71,-746,000 board feet of timber was cut from national forest land in Colorado in 873 sales. The revenue received from this source amounted to \$129,693.12, of which 25 per cent is returned to the state by the government.

There has been a constantly increasing demand during recent years for special products from the national forests of Colorado. During 1928, 25,113 Christmas trees and 280,374 pounds of boughs were sold, providing very valfor uable thinnings overcrowded stands, especially of Douglas fir. Other sales of special products included 14,857 ornamental seedlings and transplants, 200 bushels of cones and 152 sacks of decorative shrubs. One hundred and sixty-five such sales were made, bringing a return of \$3,730.46 to the government.

Nine million, seven hundred and twenty-eight thousand board feet, mostly of dead material, having a value of \$11,639, was given away free of charge to local ranchers and settlers under 3,364 free use permits. The amount cut is very small as yet, compared to the total amount of available timber in the national forests of the state, which is approximately 22,160,689,000 board feet.

In 1927 there were 157 sawmills, varying in size from the small portable mill producing 1,000 board feet or less per day to the large mill at McPhee, which averages about 125,000 board feet daily, in active operation within the state.

The National Lumber & Creosoting Company, in 1927, established a plant at Salida for the preservative treatment of railroad ties on a large scale for the Denver & Rio Grande Western railroad. This plant has been treating telephone posts and fence posts, and it is likely that treated products will ultimately be shipped from this point to supply a wide territory.

The use of native lodgepole pine for telephone poles is growing rapidly. The recent establishment of a preserving plant for railroad ties in Denver will result in the further utilization of several local species which would not be durable without treatment, and will provide an increased outlet for lodgepole pine and Engelmann spruce, the two more important species in Colorado. All of this means an increasing consumption of Colorado timber and the expansion of home industry, with a lessened importation of timber products from other states, as well as furnishing employment for several thousand men.

A new industry is in prospect for Colorado's national forests, based on the value of Engelmann spruce for high grade pulp. Timber is being cut now on a small scale for this purpose and is shipped back to Wisconsin for manufacture.

All cutting of timber on the national forests takes place under close supervision of forest officers. Only mature trees are marked for cutting, or such trees as it is necessary to remove in order to thin the stands properly. No greater amount is cut than the forest will produce. The methods employed assure that the forest will not only be kept perpetually in a productive condition, but will annually produce more and more as time goes on.

Reforestation - There is 13,278,233 acres of land in the national forests wholly or largely in the state of Colo-Of this amount about 900,000 rado. acres, or 7 per cent, is either denuded from severe fires or by cutting followed by fires in the early mining days of the state, or is covered with brush or small trees of no value except in preventing erosion and the rapid runoff of rain and snow. This denuded land lies generally in the most productive forest areas in the state and is capable of producing 100,000,000 feet of timber annually.

During the past 18 years, for which records have been kept, a total of 31,178 acres of national forest land has been burned over in this state, approximately one-fourth of 1 per cent of the total area. This is a wonderful improvement over the conditions prevailing 30 years or more ago, when fires sometimes burned unchecked for weeks and the loss in one summer greatly exceeded the total burned over during the past 18 years.

Colorado's forests have even greater value in conserving water for the large irrigation interests and municipalities of the state. Water from the national forests irrigates 3,000,000 acres of land in this state, valued at \$300,000,000. Forests prevent the winter snows from melting during the first warm days of spring. Tests conducted at a government experiment station showed that when the snow had entirely melted in the open there was an average of 17 inches left in the woods, which took from one to six weeks longer to melt. The importance of this to Colorado is water insured irrigation that is throughout the entire summer instead of all the water rushing off in May and June.

Forests also retard the flow of water in time of floods. During the Pueblo flood, in 1921, the flood waters from forested watersheds were retarded several days, giving the waters from the plains a chance to subside before the crest of the mountain waters occurred. This is illustrated by the record of the inflow at Lake Cheesman, which is the source of Denver's municipal water supply. On the day when Pueblo was flooded the inflow from the South Platte river was 375 cubic feet per second, and the crest of the high water was not reached until four days later, when an inflow of 2,313 cubic feet per second was registered.

The forest service realizes the need for covering all denuded mountain lands with forests of merchantable timber, but with the limited funds available for reforestation only a small area can be planted annually. During the calendar year of 1928 1,237 acres of denuded land was planted in this state. This is a larger acreage than is usually planted, and good results were secured in the plantations that were established.

Most of the reforestation is confined to planting denuded watersheds of municipalities, such as those of the cities of Colorado Springs, Denver, Trinidad, Salida and Fruita. In addition, the importance of the irrigation interests in this state is so great that some planting should by all means be done on the watersheds and streams which furnish water for our largest irrigation projects. During ordinary seasons large survivals of the trees planted are secured 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.

Fire Control-During the 1928 fire season there were numerous periods of about two to 10 days each when the hazard was serious, owing to very dry conditions in the hills. This was particularly true around the Fourth of July; in some places the lack of rain period continued for several weeks at a time. Forest officers and local people were constantly on the lookout for fires. Altogether, 162 fires occurred on or threatened national forest land, 17 of which covered more than 10 acres each. This was quite an increase over the previous five-year average of 132 fires, of which 12 covered more than 10 acres each. In 1928, however, 107 of the total of 162 fires were held to small areas, less than one-fourth acre each. The total area burned was 1,505 acres, of which 647 was national forest land. The total damage to timber, reproduction, forage, etc., was \$1,695, of which \$769 occurred on national forest land. The previous fiveyear average was 811 acres of national forest burned, the damage amounting to \$3,138. It can be seen, therefore, that while more fires occurred in 1928, the majority of them were held to smaller areas and less damage resulted. This was due largely to prompt action by forest officers and local settlers. Practically all of the fires which occurred would have attained large proportions if they had not been promptly discovered and extinguished. It cost the forest service \$5,764 to put the fires out, and \$2,124 additional was paid by local people and by parties responsible for the fires where responsibility could be fixed.

Lightning set 58 fires during the year, leaving 104 chargeable to man. Careless smokers and campers continue to lead in responsibility for this record, being responsible for 39 and 38, respectively. This number of fires seems small when compared to the thousands of visitors who annually visit our forested regions. But any one of these 77 fires might have done untold timber damage and desolated beautiful recreation areas. With the values at stake in Colorado, efforts must not slacken until every inhabitant and every visitor in our forested regions fully realizes the danger of the smallest spark of fire. In some states smoking, and even camp fires, are prohibited in forested areas. So far the United States forest service has refrained from such restrictions in the national forests in Colorado and it hopes they will not be necessary. Vehicles can, at small expense, be equipped with small containers in which matches, ashes and stubs may be deposited, instead of tossing them out of the vehicle. Foot and horse travelers must be particularly careful not to drop matches, pipe ashes, cigar or cigaret stubs before they are dead and cold. Campers and picnickers can avoid the danger from camp fires if they will use gasoline or kerosene camp stoves. If open fires are used, extreme care must be observed in selecting a safe place and every vestige of burned material should be completely drowned with water before leaving

In 1928 155 people in the state paid the federal government \$1,196 to protect their privately owned lands from fire, this covering 88,684 acres lying within or adjacent to national forest land, payment being made on a peracre basis. In addition, there are a number of municipal associations in the state organized to protect and develop public lands, since the value of such lands to the local community has been fully recognized. There are also associations of private citizens organized to give protection to their privately owned forested lands.

The secretary of agriculture is authorized to co-operate with states in the protection of timbered and forest producing lands from fire. Colorado has not qualified for the benefits of this co-operation, because it has had no regular protection system, which is required in order to secure the federal co-operation. A bill was introduced in the legislature two years ago to qualify the state for this co-operation, but failed of passage.

Other Resources—Forage: Intermixed with the stands of timber on the forests are many parks or open places covered with a heavy growth of 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 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 13.278.233 net acreage in the national forests of Colorado is used for pasturage, and feeds for the summer from 25 to 30 per cent of the cattle and from 40 to 50 per cent of the sheep owned in the state. During 1928 there were permitted under "paid" permit:

Sheep are grazed in the extremely high portions of the forests, where the snow stays until the latter part of June and begins falling again in September.

The average grazing season for cattle and horses is about five months, and for sheep about three months. Up to and including 1927 the fees were based on a flat annual rate, regardless of variations in character of individual ranges. Intensive appraisal was conducted, which resulted in the revision of fees, based upon the worth of the various individual ranges rather than upon a flat rate for all ranges. In 1927 the secretary of agriculture ruled that the established increases in fees should be applied in installments of 25 per cent each during the years 1928, 1929, 1930 and 1931.

People in Colorado have, no doubt, read press reports and interviews to the effect that the new fees in Colorado will be from 50 to 100 per cent higher than the 1927 fees, whereas the

	Cattle and Horses	Sheep and Goats	To Lamb
Colorado forests lying entirely within the state That portion of the Hayden* forest lying in Colorado That portion of the La Sal forest lying within Colorado	286,654 500 900 288,054	1,084,418 13,058  1,097,476	17,506  17,506

\*Hayden Forest was consolidated with the Medicine Bow Forest in 1929.

fees for other states will be increased only 40 per cent. The 40 per cent increase spoken of so much in connection with the secretary's recent decision represented an average for the entire forest service and included averages for Colorado and also for Arizona and New Mexico, where average fees indicated are lower than those formerly in effect. The average increases for most of the other states are more than 40 per cent, and the average of the new fees for Colorado is not higher than for many of the other states.

Larkspur Eradication—Certain poisonous plants on the range kill stock, but it has been found that about 90 per cent of this loss can be prevented by digging or grubbing the principal poisonous plant, which is larkspur. During the latter part of 1915, definite grubbing of larkspur was begun in Colorado. The progress of this work at the close of 1928 is indicated in the following figures:

74.163	plants in eradication	poisonous needing	of rado	Acres Color work
1 1,100	plants in	poisonous	of	Acres
8,219		1928	e of	close

Total cost to the government up to and including 1928.....\$30,346

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 1928:

	Mi. or No.	Value
Fences	. 818 mi.	\$132,306
Corrals	. 77	8,008
Stock Driveways	.1,279 mi.	48,468
Stock Bridges	. 16	5,257
Water Development	s	
(including springs	) 374	16,160

Game—Game animals are always interesting, and the forest service game census for 1928 shows there are in the national forests of the state approximately 8,976 elk, 3,721 mountain sheep, 113 antelope, 30 white tailed deer, 30,928 mule deer, 2,598 black or brown bear and 16 silver tip bear.

Approximately 3,630,675 fish fry were planted by the forest officers in the state in 1928.

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 3,146,053, 2,620,657 of this acreage being within the boundaries of the national forest. In addition to these state game refuges, game areas have been established by administrative restrictions embracing 198,407 acres.

Agricultural Lands-When the boundaries of the national forests originally were established, it was inevitable that some agricultural and non-forest land should be included. The boundaries, however, since have been readjusted from time to time until within the state of Colorado approximately 1,830,750 acres, or about 11 per cent of the original area, has been released, partly because of the agricultural possibilities of the lands and partly because it is not suitable or needed for timber production or other national forest purposes. In addition to this general contraction of the boundaries by eliminations from the outer edges, a total area of 262,899 acres, mostly in small tracts scattered throughout the interior of the forests, is now available for entry under the forest homestead act of June 11, 1906, which authorized the secretary of agriculture to list with the interior department for entry under the homestead laws such lands in the national forests as in his opinion are chiefly valuable for agriculture and not needed for public purposes.

By an act of congress passed August 10, 1912, the secretary of agriculture was directed to "select, classify and segregate, as soon as practicable, all lands within the boundaries of the national forests that may be opened to entry under the homestead law." This general classification now has been completed in the national forests of Colorado, and all the lands therein found to be chiefly valuable for agriculture have been listed for entry. The remaining lands were classified as permanently more valuable for national purposes, and no further applications for examination and listing are accepted by the forest service. Many of the areas already listed, however, still are vacant, and where this is so, may be entered by qualified persons upon application to the local land office concerned, as in ordinary cases.

Land Exchange—There is 1,489,296 acres of privately owned land within the exterior boundaries of the Colorado national forests, acquired under the various land laws. Much of this is permanently adapted to the production of timber and is not desired by the owner; in some cases because it was taken up for the merchantable timber, which has not been removed; in other cases it was taken up in the hope of making a successful farm and proved to be worthless, and 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 will make it possible for private owners to consolidate their holdings and to exchange timber producing land for land of greater value for grazing, and will at the same time permit 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 33,659 acres of timber producing land has been acquired by the national forests of the state in exchange for 7,688 acres and 32,620,000 feet of timber selected by private land owners with whom the exchanges were consummated.

Recreation-Primarily, the forests of the United States should be protected and perpetuated because they are the source of the nation's future wood supply, but the forests have other values which justify the interest of the public in their protection. More and more people realize the value of the recreation center as a mighty factor in the development of both the youth and the adults of cities. Recreation grounds grow in importance as population increases. In 1928 2,215,481 visitors viewed the scenery, fished from the streams, and camped in the woods of the state of Colorado. There are under permit 67 hotels, resorts and club houses, and 442 residences within the national forests of the state. Areas extensively used as camping and picnic grounds have been reserved from appropriation for an exclusive use and the convenience and pleasure of the public thereby provided for. The following tabulation gives the number of automobile visitors who camped at forest camping grounds within the state during the past year:

Forest	Automobile Visitors
Arapaho	
Cochetopa	28,607
Colorado	
Grand Mesa	32,760
Gunnison	4.161
Holy Cross	16.576
Leadville	
Montezuma	91,573
Pike	686.585
Rio Grande	63,954
Routt	27 130
San Isabel	117 070
San Juan	65 502
Uncompange	8 117
White River	7 940

The total is 1,859,430 automobile visitors. In other words, about 84 per cent of the entire number of visitors to the state of Colorado saw the wonders of the out-of-door life by camping on public c amp grounds and along streams.

Roads - The forest service participates in building roads in and near the forests. Some roads it builds alone or in co-operation with the counties. using its own organization, road building machinery and government funds. These roads are of low standard. During the fiscal year of 1928 a total of 99.1 miles of new road was constructed at an expenditure of \$647,254. The large projects required \$491,500 and the small projects, \$155,754. Trails cost \$49,732, 784 miles having been constructed. The projects of prime importance, or large ones, are chosen for construction after careful consideration by the state, forest service and bureau of public roads, taking into account recommendations of the counties and communities-federal, state and local funds being provided, and the engineering and construction work being done by the bureau of public roads. Trails in the forests are necessary to protect the areas against fire by making it possible to get in with pack train loads of supplies.

Finances—The receipts from the sale of timber, grazing permits, special use permits, etc., during the fiscal year of 1927, amounted to \$402,377.68. Of this amount 35 per cent, or \$140,832.19, was used in the state for roads and schools. 25 per cent, or \$100,594.42, being sent the counties in which national forests are located, and 10 per cent, or \$40,-237.77, was spent directly by the forest service for roads and trails. The total spent in operating the district office in Denver, the experimental stations, and the administration of the 15 forests in Colorado, including the amount spent by the forest service on roads, trails, telephone lines, ranger stations, etc., was \$838,097.78.



MAP SHOWING BOUNDARIES OF NATIONAL FORESTS OF COLORADO

Note—La Sal National Forest extends into state of Utah; Hayden National Forest was consolidated with the Medicine Bow National Forest in 1929. — — Inter-forest boundaries.

# **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 com-

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

Under the laws of the state as they now stand, the state engineer has no authority to compel the furnishing of statistics, but through the co-operation of the division engineers and the water commissioners, the gathering of data each year has been put upon a more reliable basis. The records of the state engineer's office are complete and comprehensive as to stream discharges, quantity of water originating in Colorado and discharged into adjacent states, data on water returned to the streams, water in storage and other details of value in administering the irrigation laws. The 1,000 or more reservoirs in the state are inspected at regular periods, and a close check on all water used 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 out-standing 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 anterprises were ca-	0,010,000
noble of imigating in 1020	3 855 348
pable of fifigating in 1540.	0,000,010
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
Conquity agreefeet	2 406 372
Elowing wolls Number 1990	476
Grandita melleng non minuto	20 120
Capacity, gallons per minute	20,135
Pumped wells-Number, 1920	010 004
Capacity, gallons per minute	210,094
Pumping plants — Number,	
$19\hat{2}0$	406
Capacity, gallons per minute	299,726
Average lift feet	23
Cost of irrigation enterprises	
up to January 1 1920 \$	88 302 442
	A A A A A A A A A A A A A A A A A A A

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 nonirrigated. 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.

## 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	89,805	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	$\begin{array}{r} 261,368\\ 1,155,162\\ 1,389,816\\ 2,587,043\\ 75,431 \end{array}$	265,083
Conejos	139,504	152,346	159	683		1,156,632
Costilla	36,771	43,906	46	537		1,403,066
Crowley	57,789	58,735	24	212		2,593,508
Custer	24,241	33,548	202	338		76,596
Delta	93,509	127,469	298	997	$\begin{array}{r} 4,168,137\\ 47,386\\ 549,070\\ 207,786\end{array}$	4,320,091
Denver	4,000	4,000	4	20		47,386
Dolores	1,023	2,361	22	58		729,020
Douglas	8,696	10,391	94	213		208,286
Eagle	30,025	31,073	186	447	285,282	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	35,697	179	330	1,761,518	1,889,558
Garfield	73,473	93,814	323	1,242	$\substack{1,134,502\\534,913\\462,748}$	1,170,827
Grand	39,857	43,092	166	579		547,713
Gunnison	48,280	52,467	382	736		472,998
Hinsdale Huerfano	3,675 29,081	3,880 32,119	$\frac{52}{267}$	$\begin{array}{c} 104 \\ 621 \end{array}$	395,752 1,061,777	395,752 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	978,214
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 Mineral Moffat Montezuma Montrose Morgan	102,6076,86517,43944,08394,757132,231	$140,104\\9,950\\24,224\\44,795\\123,905\\153,796$	213 42 127 102 103 39	1,012 82 696 424 813 370	7,319,055 81,683 366,301 1,846,679 6,788,758 2,600,735	8,155,335 102,243 386,226 2,446,679 7,286,466 2,604,785
Otero	$120,198 \\ 14,016$	124,879	26	758	4,157,535	4,438,935
Ouray		23,092	96	213	197,689	197,758
Park	49,793	52,029	213	460	175,670 - 208,324 - 1,160,422 - 3,645,462	176,080
Pitkin	12,994	15,172	76	228		214,324
Prowers	76,322	81,508	29	489		1,163,412
Pueblo	75,454	88,699	264	896		3,919,262
Rio Blanco	28,046	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	$\begin{array}{r} 450,609\\ 676,100\\ 716,215\\ 103,581 \end{array}$	531,614
San Miguel	18,634	22,811	67	413		797,700
Sedgwick	21,510	23,050	7	94		716,215
Summit	9,831	10,986	79	157		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	3,348,585	3,855,348	6,634	27,593	\$88,302,442	\$95,198,423

Total	Runoff	July t ru	Number Vears'	
Acre- Feet	Per cent of Mean	Acre- Feet	Per cent of Mean	Record
		1		
240.000	0.0	77 100		0.7
240,000	80	75,100	75	37
176,000	93	57,100	86	19
55,400	30	33,800	91	39
202.000	0.0	00 500	110	
502,000	93	98,700	110	45
000	97	175,000	106	41
04,000	80	13,600	45	20
740,000	102 .	182,000	102	39
77,200	117	13,400	75	18
210,000	73	29,100	47	25
2,820,000	122	639,000	118	29
40,800	121	11,500	116	18
105,000	108	33,000	106	18
592,000	92	110,000	70	18
118,000	100	31,000	93	16
336,000	98	30,500	60	19
272,000	96	41.600	72	11
466.000	124	31.600	76	22
603,000	126	139,000	144	25
	3			
	Total Acre- Feet 240,000 176,000 99,400 302,000 64,500 740,000 77,200 210,000 2,820,000 40,800 105,000 592,000 118,000 336,000 272,000 466,000 603,000	Total Runoff           Acre- Feet         Per cent of Mean           240,000         86           176,000         93           99,400         96           302,000         93           64,500         86           740,000         102           77,200         117           210,000         73           2,820,000         122           40,800         121           105,000         108           592,000         92           118,000         98           272,000         96           466,000         124           603,000         124	Total Runoff         July 1 ru           Acre- Feet         Per cent of Mean         Acre- Feet           240,000         86         75,100           176,000         93         57,100           99,400         96         33,800           302,000         93         98,700           533,000         97         175,000           64,500         86         13,600           740,000         102         182,000           210,000         73         29,100           2,820,000         122         639,000           40,800         121         11,500           105,000         108         33,000           592,000         92         110,000           118,000         100         31,000           336,000         98         30,500           272,000         96         41,600           466,000         124         31,600           603,000         126         139,000	Total Runoff         July to Sept. runoff           Acre- Feet         Per cent of Mean         Acre- Feet         Per cent of Mean           240,000         86         75,100         75           176,000         93         57,100         86           99,400         96         33,800         97           302,000         93         98,700         110           533,000         97         175,000         106           64,500         86         13,600         45           740,000         102         182,000         102           77,200         117         13,400         75           210,000         73         29,100         47           2,820,000         122         639,000         118           40,800         121         11,500         116           105,000         108         33,000         106           592,000         92         110,000         70           118,000         100         31,000         93           336,000         98         30,500         60           272,000         92         110,000         72           466,000         124         31,6

## **RELATED RUNOFF FOR COLORADO STREAMS, 1928** Period October 1, 1927, to September 30, 1928 (Compiled by the State Engineer)

Corrected for storage from Lake Cheesman. (1)

Stations maintained by the State Engineer's Office in co-operation with U. S. Geo-logical Survey. (2)

# **United States Reclamation Projects**

 $T_{
m rigation}^{
m HERE}$  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 6,971 on the farms, a gain of more than 250 in the past two years, and including the towns within the limits of the districts the population is well above 15,000.

In 1928 the crops raised on the land within the projects had a total value of more than \$2,817,700, an increase of more than \$337,000 over the value in 1926. Within their limits are 5,702 horses and mules, 12,779 dairy and beef cattle, 24,723 sheep, 11,759 swine and 95,811 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 Uncompangre river, supplemented by water from the Gunnison river diverted through the Gunnison tunnel into the Uncompany 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 60,818 acres was farmed under the project in 1928 and total crop production was valued at \$2,-265,098, the principal crops, in the order of their importance, being 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 39.2 acres, and based on acreage actually irrigated, 33.6 acres. The livestock census within the area showed 4,629 horses, 5,122 dairy cattle, 6,593 beef cattle, 10,267 swine, 23,854 sheep, 73,034 hens and other poultry. The farm population of the project is estimated at 5,741 and the town population, including Montrose, Olathe and Delta, at 7,400—a total population of 13,141 people wholly or partially dependent upon the irrigation of lands within its limits. The assessed valuation of all real and personal property in the project was c,094,704 in 1925.

There are only a few acres of government homestead land available in the project, but privately owned lands The may be secured by purchase. 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 The terms upon which such acres. 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 Uncompangre 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 Uncompahyre 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 1929 provide for a minimum charge of \$1.76 per acre annually for lands on the west side of the Uncompander 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 Uncompander 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 1928 produced crops with a value of \$552,700, or an average of \$38.50 per acre cropped. The principal products were alfalfa, sugar beets, beans, tomatoes, potatoes and grains. The livestock census shows for 1928 that there were on this area 1,073 horses and mules, 159 beef and 1,005 dairy cows, 869 sheep, 1,492 hogs, 7,877 turkeys and 14,900 hens. There are 275 families with a total population of 1,230 residing on the farms.

At the present time there is 300 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 is 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 \$2.25 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 4,000 acres being idle. This district offers unusual opportunities for fruit growing or 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 hign. 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 gla-ciers. Colorado has a number of gla-ciers, 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
Voor	63.0	37 9	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 inches 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 W	heel	Gap		 					6.3
Durango				 					5.6
Grand Ju	nctio	n	• •	 					5.4
Las Anim	as			 					7.9
Pike's Pe	ak		• •	 					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.
DENVER ALBANY ATLANTA BOSTON BUFFALO CHICAGO DES MOINES DULUTH EL PASO CALVESTON HELENA INDIANAPOLIS JACKSONVILLE KANSAS CITY LITTLE ROCK LOS ANGELES LOUISVILLE NEW ORLEANS OMAHA PORTLAND, ORE. ST. LOUIS	SALT LAKE CITY SAN FRANCISCO SEATTLE
80	
60	
50	
40	

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



44

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

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

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PLACE	COUNTY	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Amiha	Lincoln	27.9	20 4	37 6	16 0	54 0	65 0	70 0	60.0	61.9	51.9	39.0	26.0	19.0
Roulder	Boulder	33.0	32.6	40.4	40.0	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	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	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
Castle Bock	Douglas	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	26.0	29.9	38.6	47.0	55.2	63.9	69.8	68.4	60.4	49.2	38.2	26.9	47.8
Cheyenne Wells	Cheyenne	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	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	20.0	29.0	31.0	44.0	56 2	67.9	07.0	72 2	63.6	48.8	38.7	28 9	47.3
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	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	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	29.8	32.7	39.3	47.1	56.2	66.3	72.2	70.7	62.9	51.2	39.8	32.3	50.0
Durango	Kiowa	24.0	31.8	42.0	40.4	59.9	71 0	76 1	74.3	66 2	52.6	40.0	28.9	51.6
Fort Collins	Larimer	26.2	27.4	36.0	44.8	53.8	63.1	68.0	67.5	59.2	48.0	36.1	27.2	46.4
Fort Morgan	Morgan	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	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	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
Corpott	Mesa	17.2	23.8	32.8	41.2	49.2	58.6	62.6	61.2	54.5	43.1	30.7	20.2	45.0
Glenwood Springs	Garfield	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	24.0	32.9	43.6	52.4	61.1	71.4	77.7	75.4	66.2	52.8	89.3	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	26.0	27.8	38.0	47.4	52 0	62 6	68 6	66.8	58.0	49.1	36.6	25.0	48.0
Gunnison	Gunnison	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	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	31.1	33.7	44.0	52.4 47.9	62.2 57.9	72.0	76.9	76.0	68.8	50.0	42.4	30.5	23.8
Husted	El Paso	28.4	29.4	36.2	44.8	53.2	60.9	66.4	66.4	59.3	47.6	37.4	30.0	46.6
Idaho Springs	Clear Creek	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	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	28.0	29.2	42.1	51.4	61.0	71.8	76.0	65.0	55.6	53.2	40.2	29.7	51.8
Leadville	Lake	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	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	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	Montezuma	25.5	29.1	36.8	41.0	51.5	61.2	66.2	65.0	57.6	40.0	37.9	26.5	45.8
Meeker	Rio Blanco	20.5	24.0	34.2	43.0	51.1	59.2	64.8	63.4	55.2	44.1	33.2	20.9	42.8
Montrose	Montrose	24.1	31.4	40.4	47.6	57.6	65.2	70.6	68.4	61.0	49.0	37.0	26.4	48.2
Monument	El Paso	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
Pagoda	Routt	21.1	22.4	32.4	42.2	49.6	57.4	63.8	63.4	55 5	44 6	28.4	21.0	42.2
Pagosa Springs	Archuleta	19.8	22.2	34.2	42.0	47.9	56.4	63.4	61.8	55.0	43.2	32.8	18.4	41.6
Palisades	Mesa	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	25.6	31.6	40.4	47.8	55.8	65.2	70.9	69.2	61.6	50.3	39.8	27.4	48.8
Rangely	Rio Blanco	29.9	32.9	41.0	<b>50.1</b> <b>46</b> 7	53.8	63.4	69.8	64 4	58 6	52.0	39.4	31.5	51.4
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	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
Saguacha	Larimer	26.2	26.1	32.0	37.8	40.0	50.3	65.5	59.5 62 0	52.7	43.6	34.6	26.0	41.5
Salida	Chaffee	27.4	29.8	36.5	43.4	51.2	60.0	65.0	63.6	56.6	46.2	36.6	27.1	45.3
San Luis	Costilla	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	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	17 0	38.4	47.0	57.2	68.0	73.6	71.3	62.8	50.5	37.3	24.2	48.6
Snicer	Jackson	18.1	21.1	26.1	35.3	43.2	54.2	59.6	57.5	40.0	38.5	29.0	17.8	37.5
Steamboat Springs	Routt	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	24.1	28.9	38.0	46.9	56.6	67.2	72.2	70.2	62.2	49.8	37.0	24.2	48.2
Telluride	San Miguel	21.4	23.6	28.2	36.2	45.4	54.0	58.8	57.0	51.2	41.3	31.5	23.0	39.3
Two Butter	Baca	34.0	32.4	42.2	48.3	61 1	71 9	76.9	09.9	67.6	55 1	41.9	39.0	52 9
Victor	Teller	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	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	29.2	29.2	38.5	46.4	54.3	63.6	68.2	68.2	60.5	49.6	38.8	29.4	48.0
Wraz	Vume	24.7	26.4	33.2	40.5	48.9	58.2	61.3	61.4	64.8	43.6	33.6	23.8	42.6
······································	A UIIIdaaaaaaaaaaa	29.2	00.4	09.8	40.0	09.0	09.4	14.4	13.1	04.4	01.8	05.4	40.0	00.8

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

PLACE	COUNTY	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
					]									
Akron	Washington	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	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
Auldhurst	Teller	0.40	0.77	1.05	2.29	1.72	2.04	3.83	2.94	1.75	0.88	0.60	0.86	19.13
Boulder	Boulder	0.40	0.76	1.40	2.81	1.14	1.41	2.14	1.46	1.50	1.52	0.75	0.83	16.12
Breckenridge	Summit	1.79	2.48	2.58	2.76	2.04	1.08	2.37	2.24	1.43	1.45	1.63	2.08	23.93
Buena Vista	Chaffee	0.43	0.67	0.61	0.82	0.74	0.57	1.63	1.31	0.69	0.73	0.49	0.50	9.19
Burlington	Kit Carson	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	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	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	0.45	0.00	1.13	2.20	2.40	1.80	2.71	2.10	1.10	1.19	0.54	0.82	17.31
Chevenne Wells	Chowenne	0.32	0.53	0.70	1 00	2 14	2 60	2 08	2.57	1.22	1.11	0.61	0.80	17.10
Collbran	Mosp	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 40
Colorado Springs	El Paso	0.23	0.39	0.67	1.74	2.25	1.89	2.86	2.12	1 03	0.60	0.34	0.31	14 42
Columbine	Routt	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	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	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	3.44	2.57	2.76	2.16	1.79	1.26	1.95	1.54	1.68	1.56	1.81	2.88	25.40
Delta	Delta	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	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	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	0.22	0.47	1.37	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	0.07	0.80	1.20	2.00	2.14	1.30	2.95	2.22	1.65	1.42	0.95	0.83	18.93
Fort Lunton	A dome	0.19	0.40	0.16	1 79	2.04	1.45	1 89	1.24	1.20	1.07	0.47	0.46	14.77
Fort Morgan	Morgan	0.28	0.41	0.69	1.77	2.36	1.82	2 49	1 65	0.92	0.85	0.30	0.01	12.17
Fraser	Grand	1.63	1.75	1.76	2.31	1.60	1.08	2.29	1.66	1 61	1.36	1 14	1 79	10.98
Fruita	Mesa	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	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	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	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	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	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	0.30	0.03	0.60	2.01	2.35	1.75	2.21	1.63	1.14	0.76	0.32	0.61	14.42
Gunnison	Gunnison	0.24	0.46	0.00	2 03	1 99	0.64	1.44	1.32	0.81	0.61	0.56	0.71	9.82
Hanteel	Park	0.21	0.25	0.34	0.92	0.85	1 38	3 60	2.22	1 20	0.00	0.20	0.47	14.35
Hormit	Hinsdale	1.37	1.05	1.35	1.42	1.25	1.12	2.75	2.10	1.51	1 88	1 15	1 19	12.22
Holly	Prowers	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	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	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	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	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	1 12	1 25	1 45	1.04	1.92	1.42	2.17	1.62	1.00	0.69	0.32	0.44	12.29
Lag	Lake	1.21	1.51	1.61	1.74	1 19	0.12	2 20	1.02	1.30	1.10	0.84	0.96	13.22
LeRoy	Logan	0.37	0.60	0.94	2.63	2.53	2.35	2.16	2 28	1 1 2	1.11	0.84	1.22	17.10
Limon	Lincoln	0.19	0.38	0.39	1.80	1.87	1.90	2.63	2.27	1.06	0.83	0.44	0.02	14.20
Longmont	Boulder	0.30	0.65	0.83	2.05	2.34	1.59	2.21	1.20	1.21	1.13	0.61	0.63	14.04
Manassa	Conejos	0.12	0.25	0.37	0.76	0.55	0.51	1.26	1.37	0.57	0.80	0.25	0.28	7 09
Mancos	Montezuma	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	1.07	1.00	1.42	1.55	1.37	0.89	1.45	1.63	1.68	1.46	1.15	1.06	15.73
Montrose	Montrose	0.68	0.62	0.80	1.04	0.82	0.42	0.86	1.35	0.94	0.82	0.58	0.75	9.68
Monument	El Paso	0.00	1.85	1.10	3.23	2.13	2.05	3.23	2.82	1.33	1.05	0.65	1.01	19.99
Pagosa Springs	Archulota	2.49	2.06	1.90	1.07	1.44	1.09	1.31	1.58	1.82	1.68	0.97	1.62	18.49
Paonia	Do'to	1.32	1.25	1.49	1 41	1 43	0.59	1.05	1 20	1.71	3.19	1.09	1.91	23.88
Pueblo	Pueblo	0.35	0.47	0.86	1.43	1.68	1.47	1 97	1.57	1.50	0.70	1.01	1.11	14.69
Rodvale	Montrose	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	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	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	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	0.24	0.41	0.31	0.37	0.81	0.97	1.77	1.51	0.78	0.73	0.31	0.32	8.53
Salida	Chaffee	0.55	0.83	0.73	1.54	0.86	1.05	1.85	1.49	1.02	0.93	0.73	0.73	12.31
San Luis	Costilla	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
Sedgwick	Gunnison	0.90	0.62	0.71	2.21	5 95	0.97	1.43	1.85	1.49	1.46	1.23	1.68	18.98
Silverton	San Juan	2.61	2.00	2.71	1 62	1 1 2	2.08	2.23	2.49	1.36	1.10	0.33	0.48	16.91
Spicer	Jackson	0.79	0.77	0.65	0.84	0.80	0.77	1 16	1 01	2.00	2.04	1.47	2.08	26.57
Springfield.	Baca	0.39	0.60	0.92	2.58	2.74	1 62	2 45	1 06	1.14	0.79	0.79	0.76	10.48
Steamboat Springs	Boutt	2.51	2.67	1.89	2.06	1.91	1.34	1.46	1.59	1 53	1 79	1 59	9 55	20.91
Sterling	Logan	0.36	0.37	0.51	2.16	2.36	1.99	1.47	2.37	1.23	1.07	0 42	0.57	14 91
Trinidad	Las Animas	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	0.29	0.61	0.73	1.79	2.23	2.19	2.59	1.86	1.33	0.74	0.41	0.58	15.35
Westcliffe	Custer	0.55	0.62	1.15	1.90	1.37	1.37	2.57	1.61	1.13	1.24	0.86	0.73	15.10
Wray	Yuma	0.33	0.64	0.89	2.72	2.75	2.81	2.67	2.49	1.20	1.02	0.38	0.49	18.39
Yuma	Routt	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
	1 uma	0.00	0.00	1.05	2.30	2.30	2.14	2.92	2.48	1.01	0.98	0.40	0.55	17.28

## LENGTH OF GROWING SEASON IN COLORADO

	Numbe	er of days h	oetween	Range of dates of last killing frost						
	k	tilling frost	ts	in spring and first in fall						
	Aver- age	Short- est	Long- est	Spring	Fall					
Akron Arriba	$\begin{array}{c}143\\134\end{array}$	121 119	$\begin{array}{c} 165\\ 146\end{array}$	Apr. 29 to June 5 May 4 to June 7	Sept. 15 to Oct. 24 Sept. 15 to Oct. 20					
Blanca Boulder Buena Vista Burlington	105 165 122 154	81 125 78 111	126 200 142 170	May         20 to June         23           Apr.         13 to June         2           May         22 to June         28           Apr.         22 to June         4	Sept.         12 to Oct.         1           Sept.         15 to Nov.         10           Aug.         29 to Oct.         23           Sept.         23 to Oct.         26					
Calhan Canon City Castle Rock Cedaredge Cheyenne Wells Collbran Colorado Springs Crawford	$137 \\ 163 \\ 131 \\ 136 \\ 154 \\ 133 \\ 146 \\ 137$	108 124 99 95 122 78 112 111	167 200 154 164 180 165 179 171	Apr. 29 to June 6 Apr. 4 to June 2 Apr. 19 to June 10 Apr. 19 to June 9 Apr. 5 to June 4 Apr. 23 to July 3 Apr. 16 to June 3 May 3 to June 12	Sept.         2 to Oct.         24           Sept.         17 to Nov.11         Sept.         10 to Oct.         9           Sept.         10 to Oct.         10         Sept.         12 to Oct.         26           Sept.         12 to Oct.         24         Sept.         12 to Oct.         26           Sept.         12 to Oct.         24         Sept.         12 to Oct.         24           Sept.         11 to Oct.         21         Sept.         14 to Oct.         26					
Delta	140	111	187	Apr. 14 to June 3	Sept. 11 to Oct. 29					
Denver	158	110	193	Apr. 13 to June 6	Sept. 12 to Oct. 29					
Dolores	130	109	151	May 4 to June 5	Sept. 21 to Oct. 28					
Durango	129	98	172	Apr. 22 to June 5	Sept. 11 to Oct. 16					
Eads	156	143	179	Apr. 26 to May 22	Sept. 27 to Oct. 22					
Fort Collins	142	124	181	Apr. 12 to June 3	Sept. 7 to Oct. 16					
Fort Morgan	143	87	186	Apr. 12 to June 30	Aug. 25 to Oct. 26					
Fruita	156	133	186	Apr. 3 to June 1	Sept. 15 to Oct. 30					
Garnett	102	$68 \\ 58 \\ 144 \\ 112 \\ 82$	137	May 3 to July 7	Aug. 13 to Oct. 10					
Glenwood Springs	114		134	Apr. 4 to July 4	Aug. 9 to Oct. 11					
Grand Junction	184		233	Mar. 23 to May 14	Sept. 14 to Nov. 11					
Greeley	149		180	Apr. 14 to June 3	Sept. 7 to Oct. 18					
Grover	113		141	May 6 to June 30	Aug. 25 to Sept. 26					
Hamps	134	$98\\64\\73\\134\\108\\110$	164	Apr. 25 to June 8	Sept. 6 to Oct. 23					
Hayden	91		128	May 15 to July 3	Aug. 31 to Sept. 20					
Hoehne	140		201	Apr. 18 to July 4	Sept. 10 to Nov. 16					
Holly	164		202	Apr. 2 to June 2	Sept. 17 to Oct. 31					
Holyoke	138		167	Apr. 18 to June 6	Sept. 12 to Oct. 24					
Huerfano	125		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. 28					
Sedgwick	143	126	167	Apr. 25 to May 27	Sept. 14 to Oct. 24					
Sterling	144	111	177	Apr. 22 to June 3	Sept. 20 to Oct. 24					
Trinidad	161	130	194	Apr. 16 to June 3	Sept. 22 to Oct. 27					
Two Buttes	164	124	192	Apr. 11 to June 2	Sept. 17 to Oct. 30					
Victor	98	46	134	May 22 to July 7	Aug. 13 to Oct. 6					
Wagon Wheel Gap	59	1	115	May 26 to July 31	Aug. 1 to Sept. 25					
Westcliffe	95	3	131	May, 6 to July 29	Aug. 1 to Oct. 10					
Wiggins	130	114	149	May 11 to June 2	Sept. 14 to Oct. 7					
Wray	152	124	179	Apr. 11 to May 27	Sept. 12 to Oct. 25					

# Water Power Resources

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 use in the state:

Horsepower available without storage for 90 per cent of the

age of water.....2,568,200 The federal government had 460,500 acres of power-site reserves in the state on June 30, 1928. This figure includes all areas reserved or classified as valuable for power purposes

and withheld subject to disposition only under the federal water power act of June 10, 1920. Designations, classifications and other types of reserves are included in the total area without distinction. The sites are available for leasing, subject to the approval of the federal power commission, under the act of 1920. Powersite reserves under the act of June 25, 1910, as amended by the act of August 24, 1912, on June 30, 1928, aggregated 225,641 acres. Miscellaneous withdrawals under the same act were 1,727 acres. Power-site classifications made under the act of March 3, 1879, aggregated 189,111 acres, and public water reserves under the act of June 25, 1910, aggregated 4,948 acres on June 30, 1928.

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 national forest department, 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:

TISA	Number Plants	Horse-
Public utilities	28	84,281
Individual mining plan	ts 24	10,172
Irrigation pumping	3	3,275
Flour mills	1	188
Private plants	1	100
Totol	57	98.016

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

# **Agricultural Extension Service**

CO-OPERATIVE extension work in agriculture and home economics in Colorado is conducted by the Colorado Agricultural college at Fort Collins in co-operation with the United States department of agriculture under the provisions of the Smith-Lever act. This act provides definitely for cooperation 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 known as the Smith-Lever law. However, counties that do not elect to employ an extension agent also receive benefit from the general work done by the state staff of leaders and specialists.

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:

## COLORADO EXTENSION SERVICE

	STAFF
F. A. Anders R. H. Felts.	
E. D. Smith. B. W. Schafe	District Extension Agent
Mrs. Blanche	E. HydeClothing
L. H. Rochfo	rdLivestock
T. G. Stewa	rtAssistant Livestock
Thomas H. S	ummers.Farm Management
Miriam J. W	illiams
Mary Collopy	Home Management
C. A. Smith. George Beac	Horticulture
W. R. Freema	anClub Work
COUNTY	EXTENSION AGENTS
County	Agent Headquarters
Alamosa	Max C. GrandyAlamosa
Arapahoe	A. H. TedmonLittleton
Баса	.James D. Farrand
Boulder	.George R. Smith
Conejos	R. E. Kiely
Costilla	Fred I. Hamman. San Luis
Delta	R. H. TuckerDelta
1911 aso	Colorado Springs
Fremont	P. L. Smithers. Canon City
Garneid	Glenwood Springs
Huerfano	J. L. Shields Walsenburg
La Plata	W. B. SmithDurango
Larimer	.D. C. Bascom.Fort Collins
Las Animas	S. W. MorganTrinidad
Logan	J. E. MorrisonSterling
Mesa	.W. H. Lauck
Moffat	C. A. JohnsonCraig
Montrose	.H. A. IrelandMontrose
Prowers	F. R. LambLamar
Pueblo	K. D. Van Wagenen
Rio Grande	
Routt	.P. S. Ingham
San Miguel	R. E. WilliamsNorwood
Sedgwick	Julesburg
Teller	Harold S. Ryan
Washington	James C. FosterAkron
Weld Yuma	H. H. SimpsonGreeley Phillip Miles
ASSISTANT	COUNTY EXTENSION
(77	AGENTS
Logan	Exine Davenport Sterling
Garfield-Mesa	Gladys Bradley
El Paso	Doris Lamoreux
Routt-Moffat.	Frances Jones
Dolta-Mont-	Steamboat Springs
rose, Mesa.	Bertha BogerDelta
Prowers-Oter	M'Edna CorbetLamar
At Large	Jessie ReinholtzPueblo
At Large	Genevieve Woodman.Hugo
(Boys' a	nd Girls' Club Work)
Boulder	Dorothy Maris. Longmont
Larimer	Lolo F. Schlessman
Weld	Walter S. Stratton

# Agriculture

IN the long list of tables following, the progress of agriculture since the beginning of statistical records is depicted, together with detailed information concerning the crop of 1928 and, in some less detail, the crop of 1927. Complete details of the 1927 crop are available in the annual booklet entitled "Agricultural Statistics; Crops and Livestock," published jointly by the United States department of agriculture and the state immigration department, and are not reproduced here.

Because of the demand for economy of space, no detailed discussion of the progress of agriculture is attempted here, the various tables being selfexplanatory and presenting a complete picture of the trend of agriculture. Data for recent years are not available except as shown in the succeeding pages, but it is expected that the decennial census, to be taken in 1930, will present a complete sketch of farm conditions, supplementing the current information taken annually by this department.

In 1927 and 1928 Colorado occupied 30th place among the 48 states of the Union in the estimated value of all crop production, excluding poultry and dairy products, honey, wool, etc., and including only farm crops. The census of 1920 showed that the state ranked 24th in the value of all farm property.

Statistics compiled annually by the Colorado Co-operative Crop Reporting service, which is composed of the division of crop and livestock estimates of the United States department of agriculture and the, Colorado state board of immigration, show that the acreage harvested and the value of crops for the past 10 years has been as shown in the following table, the 1928 figures being preliminary and subject to revision:

Year	Acreage	Crop Value
1919	5,651,000	\$199,947,000
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	6.377.000	117.283,000

Although the acreage harvested each year has shown a fairly steady in-

crease and is now 726,000, or 12 per cent, above the 1919 figure, the number of individual farms reported to the Co-operative Crop Reporting service by the county assessors is lower than the number reported a decade ago. This shrink indicates the trend of agriculture, however, and is in step with similar figures showing the national agricultural situation. Improved mechanical methods and the necessity of reducing overhead costs have combined to lessen the number of farms, through consolidations and the farming of larger acreages under single management, and has reduced the number of people actually engaged in farming. There has been no proportionate decrease in farm acreage or farm production, however, as the average size of farms operated has increased, as has total crop acreage.

As has been the case for many years, and probably since the beginning of the agricultural industry in Colorado, hay was the leading crop in value in 1928, counting all varieties of hay as a single crop. Sugar beets ranked second, with wheat and corn following in third and fourth places. The fluctuations in values shown from year to year by the principal crops are usually due in greater measure to price changes than to increased or decreased production, as the latter factor usually remains fairly constant except when influenced by abnormal climatic conditions.

## HISTORICAL TABLES

Following the detailed report of the 1928 crop in the succeeding pages are a large number of historical tables showing the acreage, average yield per acre, production, market price and total value of the various crops from the earliest years of crop reporting down to and including 1928. These figures were compiled jointly by the state and federal departments comprising the Co-operative Crop Reporting service and are valuable as showing the trend of individual crops through the years and the effect of market prices and crop conditions upon the crops of succeeding years. They are as nearly complete as available data permit, and will prove valuable to all who are interested in the development and trend of Colorado's leading industry.

## CROP ACREAGE, PRODUCTION AND VALUE, 1928 AND 1927

•		1928			1927	
Kind of Crop	Acreage	Production	Value	Acreage	Production	Value
Winter Wheat	923.000	11.076.000 Bu.	\$ 9.525.000	1.086.000	14.118.000 Bu.	\$ 14 824 000
Spring Wheat	416,000	7,488,000 Bu.	6,290,000	333,000	5,994,000 Bu.	5,994,000
All Wheat	1,339,000	18,564,000 Bu.	15,815,000	1,419,000	20,112,000 Bu.	20,818,000
Corn <sup>1</sup>	1,438,000	18,694,000 Bu.	12,712,000	1,284,000	19,902,000 Bu.	13,533,000
Oats for Grain <sup>2</sup>	193,000	5,983,000 Bu.	2,692,000	189,000	5,481,000 Bu.	2,631,000
Barley for Grain <sup>8</sup>	547,000	13,128,000 Bu.	7,089,000	410,000	9,020,000 Bu.	5,051,000
Rye for Grain <sup>*</sup>	74,000	814,000 Bu.	570,000	76,000	798,000 Bu.	559,000
Emmer.	16,000	432,000 Bu.	238,000	7,280	196,000 Bu.	117,000
Grain Sorgnums"	200,000	2,000,000 Du.	736 000	104,000	2,840,000 Bu.	1,846,000
Broom Corn	26,000	6 100 T	518 000	28 000	200,000 1.	780,000
Field Peast	73 000	\$03,000 Bu	1 518 000	72 000	4,400 I. 720 000 Du	028,000
Dry Beans	309.000	1.390.000 Bu.	4.726.000	281,000	1 546 000 Bu	4 174 000
Potatoes	110.000	13.420.000 Bu.	6.039.000	96,000	14.400.000 Bu	7 920 000
Sugar Beets	179,000	2,322,000 T.	16,254,000	218,000	2.774.000 T.	21,758,000
Cabbage (Com'l)	3,100	44,600 T.	580,000	2.600	37.700 T.	524,000
Onions (Dry)	3,700	1,147,000 Bu.	1,629,000	4,300	1,376,000 Bu.	619,000
Cauliflower	1,700	510,000 Cr.	1,148,000	1,160	336,000 Cr.	598,000
Tomatoes for Mfr	1,600	11,800 T.	130,000	2,000	14,000 T.	168,000
Cantaloupes and			1 100 000			
Honey Dew Melons	9,000	1,170,000 Cr.	1,100,000	12,100	1,537,000 Cr.	1,614,000
Diskles	0.000	000 000 D.	145 000	0 100	150 000 D.	117.000
Cusumbers for	2,300	202,000 Bu.	140,000	3,130	196,000 Bu.	117,000
Seed	1 800		126.000	2 850		245 000
Peas for Canning	1,000			2,000		
and Market	9,500		713,000	5,900		671.000
Lettuce (Com'l)	9.800	1.127.000 Cr.	1,206,000	13,240	1.456.000 Cr.	2.373.000
Celery	900	270,000 Cr.	702,000	940	282,000 Cr.	479,000
Millet Seed <sup>5</sup>	34,000	340,000 Bu.	360,000	35,000	350,000 Bu.	385,000
Alfalfa Seed	2,000	6,000 Bu.	70,00 <b>0</b>	2,900	10,200 Bu.	107,000
Other Garden and			800.000	0.070		001.000
Seed Crops	6,455		803,000	9,000		864,000
Variation	1 207 000	2 407 000 T	29 215 000	1 225 000	2 658 000 T	24 454 000
Wild Hoy	376 000	338.000 T.	3,481,000	396,000	396.000 T.	3.326.000
Annles		3.020.000 Bu.	1,963,000		2.592.000 Bu.	2.851.000
Peaches		600,000 Bu.	720,000		892,000 Bu.	1,070,000
Pears		185,000 Bu.	194,000		480,000 Bu.	672,000
Cherries	/	1,500 T.	180,000		4,200 T.	420,000
Grapes		357 T.	40,000		314 T.	34,000
Miscellaneous Fruits			625,000			600.000
Sugar Beet Tops'	179,000		895,000	218,000		1,373,000
Rye for Pasture	33,000		165,000	31,000		155,000
rarm Gardens	13,000		650,000	13,000		650,000
Totals	6,376,855		\$117,283,000	6,225,550		\$125,524,000

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

<sup>2</sup>In addition to the acreage harvested for grain, it is estimated that approximately 92,000 acres of oats was cut green for hay, this additional acreage appearing in the hay table.

<sup>4</sup>In addition to the rye and barley acreage harvested for grain, there is some acreage of barley and about 33,000 acres of rye cut green for hay or used for pasture.

<sup>4</sup>Acreages 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.

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

"The acreage of alfalfa cut for seed is included in the alfalfa hay acreage and is not carried into the totals on this page.

'This acreage is identical with the acreage shown for sugar beets and is not carried into the totals on this page.

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.



**DISTRIBUTION OF CROP VALUES**, 1928





**DISTRIBUTION OF PRUIT VALUES**, 1928

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

	00	LOR	ADC	YEL	A R	B	<u>оок</u> ,	1	928-1	929		
v. Value Per Acre	\$20.03 23.03 13.99 21.04	8.53 23.93 <b>3</b> 2.84	26.47 8.54 18.79	23.59 33.05 35.19 16.03	49.43	10.37 14.04	30.54 11.44 12.56	44.27	33.65 19.72 21.74 17.93	20.43 16.89	9.32 35.21	8.76 7.46
Totals C	\$ 3,868,390 1,472,220 1,639,920 463,220	$\begin{array}{c} 1,366,850\\ 1,872,540\\ 2,326,630\end{array}$	541,710 1,031,090	$\begin{array}{c} 1.623,630\\ 1.205,900\\ 2,039,120\\ 488,010 \end{array}$	2,602,330	101,650 703,610	$\begin{array}{c} 927,230\\ 2,324,990\\ 1,874,650\end{array}$	948,870	$\begin{array}{c} 2,059,160\\ 33.400\\ 874,430\\ 874,400\\ 874,010 \end{array}$	72,630 473,800	721,960 1,996,470	848,930 2,817,700
Miscel- laneous Crops	\$ 788,520 138,830 58,660 1,750	424,650 227,620 203,890	171,750 12,400 4 950	479,750 479,750 451,450 91,900	356,120	3,900 7,640	$161,240\\87,670\\37,920$	214,390	62,790 7.900 226,620 8,350	3,180 16,280	2,500 548,540	19,890
Fruits	\$ 17,880 -28,050 213	1,490 3,350 32,300	330 410	46,900	802,100	260 740	490 410 5,590	329,000	300,700	3,360	220,000	520 370
All Hay	\$ 484,640 701,410 412,770 407,590	54,000 666,210 549,730	254,630 242,520 19,630	651,030 651,030 289,880 419,160 250,500	776,780	29,110 361,180	547,700 507,970 619,750	262,630	$\begin{array}{c} 1,015,370\\ 21,610\\ 601,500\\ 824,270 \end{array}$	63,500 313,780	715,760 555,690	176,130 142,300
Sugar Beets	\$ 599,300 35,420 60,840	191,000		18,200 6,360 640,150	213,400		13,620		145,300		88,100	
Sorghums	\$ 37,060 	409,400 66,500	180,240	27,530		2,330		300	610	4,840	09	210,890 172,830
Dry Beans	\$ 253,110 	22,320 30,000 2,910	38,530	7,350 9,950 150,650 610	1,220	10,100	610,710 562,060	5,350	2,750	35,930	3,820	17,760 65,760
Potatoes	\$ 27,900 379,260 950 8,370	<u>130</u> 9,360	28,350 1,260 680	$199,120\\19,620\\450\\48,740$	69,970	4,050 3,150	$122,270 \\ 13,860 \\ 18,450$	6,880	237,830 1,620 8,950 16,400	5,400 900	680 20,700	19,800
Rye	\$ 11,940 	2,310 160 930	390	320 540 160 2,700	160	1,620	160 32,960 38,500	1,850	$1,080 \\ 160 \\ 1,540 \\ 320$		390 1,160	1,160 $35,880$
Barley	\$ 253,030 81,730 101,890 2,440	48,980 60,140 125,340	39,400 65,660 110	101,61044,90027,28024,460	51,320	$\frac{4,630}{27,160}$	12,680 98,820 14,920	18,750	35,980 150 10,920 8,760	550 17,470	1,330 57,930	12,230 520,350
Oats	\$ 49,440 75,070 15,970 19,890	2,630 23,690 39,100	9,060 3,970 1,980	47,900 13,600 20,650 33,700	56,870	7,200 52,270	$\begin{array}{c} 47,140\\ 50,280\\ 109,300\end{array}$	12,180	45,850 1,960 17,800 12,960	24,980	1,300 61,770	2,600 34,530
Wheat	\$ 1,087,780 60,500 592,280 19,650	$115,470\\136,980\\541,070$	37,800 21,760	$117,860 \\ 54,020 \\ 18,810 \\ 28,270 \\ 28,270 \\ \end{array}$	166,390	20,480 100,230	35,550 553,070 66,510	22,470	176,370 7,100 2,950	24,580	378,480	11,300 603,700
Corn	\$ 252,790 152,200 3,160	285,600 466,760 131,900	462,410	$\begin{array}{c} 490 \\ 1,180 \\ 235,930 \\ 6,770 \end{array}$	108,000	17,200 118,460	330,490 364,220	75,070	34,530	30,290	60,220	396,450 1,211,570
COUNTY	dams	saca	Cheyenne	Jonejoa	elta	olores	lagle	remont	Jarfield	Hinsdale	lefferson	Kiowa

FARM VALUES OF CROPS BY COUNTIES, 1928

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										,					
9.42 23.00 33.25	14.35 9.42 15.70	42.51	18.10 18.10 20.43	42.26 21.67	48.58 20.15	10.57	27.86 17.44 29.62	19.38 31.17	18.35	19.74 17.81 22.32	17.89	8.32 27.57	8.35	\$18.41	-
$\begin{array}{c} 70,470\\ 1,156,750\\ 4,744,890\\ \end{array}$	2,632,800 6,961,720	3,178,040	$   \begin{array}{c}     46,550 \\     1,016,460 \\     886.650   \end{array} $	3,059,260 5,104,840	3,450,310 286,530	488,290	409,050     1,942,190     2,998,540	920,820 2,798,940	1,618,180	2,324,620 213 510	314,760	3,769,110 17,277,680	3,305,250	\$116,758,000	-
1,000 18,090 209,250	49,010 69,900 156,040	175,120	24,350	654,270 165,130	1,315,880 2,220	8,770 6.870	6,900 119,440 914,850	12,660 752,200 330,370	352,600	11,340 51,980 500	16,550	25,780 1,094,050	16,250	\$12,171,000	
241,150	2,230	1,109,540	64.020	354,700 2,230	85,230	370	360 4,830 18,610	330	320	370 430		1,490 24,940	3,730	\$3,722,000	
$\begin{array}{c} 69,470\\722,860\\1,322,540\\340,950\end{array}$	314,590 912,770	932,920	650,800 502,890	944,830 902,310	585,240 210,770	434,530 441.270	262,510 866,960 673,160	$\begin{array}{c} 732,000\\ 504,190\\ 1.141,210\end{array}$	662,810		227,760	599,020 3,466,800	464,320	\$32,696,00f	-
1,507,300	2,064,000	213,400	2,700	181,606 2,088,400	917,100		199,800	1,820	1,820	750,000		148,00 <b>0</b> 4,867,000		\$16,254,000	
60 810 53 980	138,770 94,480	1,310	2,930	64,790	17,600	52,030	154,180 32,050			780 18,030		166,220 75,560	195,440	\$2,272,000	
22,180 100,630	493,560	80,460	44,050	5,350 274,840	58,730	3,670	$\frac{3,520}{270,250}$	460		5,510 3,670		219,930 962,790	36,560	\$4,726,000	01 0F 000 6
40,810	24,280	131,630	23,600 29,430	326,580 189,270	860 16,040	19,840 1,620	85,100 740 340	2,200 1,204,580 34,310	387,000	$     \begin{array}{c}             5,180 \\             18,630 \\             1,800         \end{array}     $	26,060	25,650 2,052,380	15,300	\$6,039,000	and and
460	18,250	2,310	29,720 1,470	160 18,330	390 160	1,850 26.490	$160 \\ 1,160 \\ 1,240$	7,700 390 2,700	390	1,310 21,250 390	1,160	58,670 59,910	72,000	\$570,000	for millo
33,560 268,260 23,160	195,050 843,700	27, <b>3</b> 00 2.050	18,510 20,790	46,300 360,750	44,870 10,610	13,120 251,620	4,180 82,710 44,890	$\begin{array}{c} 7,130\\ 126,940\\ 80,300 \end{array}$	60,540	46,630 234,960 710	6,720	745,930 1,323,410	288,380	\$7,089,000	F \$360.000
$\frac{63,400}{134,070}$	13,930	63,760 2.100	53,050 45,050	68,670 60,970	61,360 14,200	7,700 70,380	32,600 18,480 20,790	19,830 111,300 175,570	71,900	23,600 62,500 1,750	32,600	64,850 263,100	54,000	\$2,692,000	a soulas of
216,250 828,350 33,020	764,190	181,550	195,740 123,320	348,820 327,610	103,130 32,530	2,480 843,260	17,240 163,640 104,690	$117,410 \\ 97,520 \\ 227,510$	80,800	$\begin{array}{c} 15,160\\ 651,540\\ 190\end{array}$	3,910	$\begin{array}{c} 822,250\\ 2,278,200\end{array}$	565,270	\$15,815,000	not includ
50,290 169,230	599,910 837,500	258,740	16,010 43,480	. 650,210	259,920	. 530,400	326,730 327,470	21,560		. 331,550		891,320 809,540	1,594,000	\$12,712,000	his table does
Lake La Plata Larimer	Lincoln	Mineral	Moffat	Montrose	Otero0 Ouray	Park	Pitkin Prowers Pueblo	Rio Blanco Rio Grande Routt	Saguache	San Miguel Sedgwick	Teller	Washington	Yuma	State	NOTE-T

to the various counties.

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## ACREAGE AND PRODUCTION OF WINTER WHEAT, 1923

		IRRIGAT	TED	NO	N-IRRIG	ATED	TOTALS		
COUNTY	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels	
Adams	7,050	28	197,400	42,950	12	515,400	50,000	712,800	
Arapahoe Archuleta	980 50	31 22	30,380 1,100	32,610	15	489,030	33,590 50	519,410 1, <b>10</b> 0	
Baca Bent Boulder	4,400 7,570	35 32	154,000 242,240	14,000 	8 18	112,000 	14,000 4,400 11,000	112,000 154,000 303,980	
Chaffee Cheyenne Clear Creek				1,500		13,500	1,500	13,500	
Conejos Costilla Crowley Custer	500 350 360	27 29 28	13,500 10,150 10,080		  15	2.100	500 350 500	13,500 10,150 12,180	
Delta Denver	910	33	30,030	90	12	1,080	1,000	31,110	
Dolores Douglas	90	27	2,430	1,000 6,610	 8 14	8,000 92,540	1,000 6,700	8,000 94,970	
Eagle Elbert El Paso	10 <u>-</u> 90	35 30	350 <u>-</u> 2,700	40 36,500 2,910	15 12 10	600 438,000 29,100	50 36,500 3.000	950 438,000 31,800	
Fremont	310	32	9,610	90	11	990	400	10,600	
Garfield Gilpin	210	32	6,720	290	14	4,060	500	10,780	
GrandGunnison	170	30	5,100 	30 30	12 15	360 450	200 30	5,460 450	
Hinsdale Huerfano	540	31	16,740	960		8,640	1,500	25,380	
Jackson Jefferson	4,250	32	136,000	3,750	17	63,750	8,000	199,750	
Kiowa Kit Carson				1,100 80,000	777	7,700 560,000	1,100 80,000	7,790 560,000	
Lake La Plata Larimer Las Animas Lincoln Logan	610 3,840 350 2,260 3,700	31 35 26 30 28	18,910 134,400 9,100 67,800 103,600	90 9,560 2,659 63,340 142,300	 9 22 6 9 11	810 210,320 15,000 570,060 1,565,300	700 13,400 3,009 65,600 146,000	19,720 344,720 25,000 637 860 1,668,900	
Mesa Mineral	2,770	33	91,410	730	11	8,030	3,500	99,440	
Moffat Montezuma Montrose Morgan	80 440 1,080 980	35 22 34 29	2,800 9,680 36,720 28,420	4,520 1,360 120 20,620	20 6 13 10	90,400 8,160 1,560 206,200	4,600 1,800 1,200 21,600	93,200 17,840 38,280 234,620	
Otero Ouray	2,180	33 	71,940	120 150	11 13	1 320 1,950	2,300 150	73,260 1,950	
Park Phillips Pitkin				200 79,000	10 12	2,000 948,000	200 79,000	2,000 948,000	
Prowers Pueblo	4,420 1,480	31 27	137,020 39,960	4,580 6,520	8 9	36,640 58,680	9,000 8,000	173,660 98,640	
Rio Blanco Rio Grande	130	30	3,900	3,970	20	79,400	4,100	83,300	
Routt	10 1.850	29 35	290 64.750	1,690	20	33,800	1,700 1,850	\$4,090 64 750	
San Juan San Miguel Sedgwick	30 2,040	24 30	720 61,200	670 52,160 20	11 13 11	7,370 678,080 220	700 54,200 20	8,090 739,280 220	
Teller				200	17	3,400	200	3,400	
Washington Weld	60 19.850	31 33	1,860 654,990	112,240 40,160	6 12	673,440 481,920	112 300 60,010	675,300 1,136,910	
Yuma				72,000	8	576,000	72,000	576,000	
State	76,000	31.7	2,408,000	847,000	10.2	8,668,000	525,000	11,010,000	



3,000.





	]	RRIGAT	ED	NO	N-IRRIG.	ATED	TOTALS			
COUNTY	Acreage	Average Yield	Production Bushels	Acreage	Aver- age Yield	Production Bushels	Acreage	Production Bushels		
A dams A lamosa A rapahoe A rchuleta	14,400 3,000 2,280 620	31 24 29 26	446,400 72,000 66,120 16,120	13,200 10,720 680	9 10 9	118,800 107,200 6,120	27,600 3,000 13,000 1,300	565,200 72,000 173,320 22,240		
Baca Bent Boulder	130 150 10,790	21 30 30	2,7 <b>3</b> 0 4,500 323,700	2,870 100 710	7 9 13	20,090 900 9,230	3,000 250 11,500	22,820 5,400 332,930		
Chaffee Cheyenne	1,500	30 	45,000	1,100	īī	12,100	1,500 1,100	45,000 12,100		
Conejos Costilla Crowley Custer	6,100 2,290 500 450	23 22 24 26	140,300 50,380 12,000 11,700	 10 	12 • 10	120 9,500	6,100 2,300 500 1,400	140,300 50,500 12,000 21,200		
Delta Denver	5,010	33 ·	165,330	90	10	900	5,100	166,230		
Dolores Douglas Eagle	50 1,150	26 34	1,300 39,100	1,600 150	13 15	20,800	1,650 1,300	22,100 41,350		
Elbert El Paso		27 30	10,530 12,600	21,000 3,610 330	10 10 10	210,000 36,100 3,300	21,000 4,000 750	210,000 46,630 15,900		
Garfield Gilpin	5,910	32	189,120	890	11	9,790	6,800	198,910		
Grand Gunnison Hinsdale	90 80	30 30 	2,100	10 50	13	650	130	3,050		
Huerfano Jackson	90 6 900	20	241 500	210	7	1,470	300	3,270		
Kiowa Kit Carson				700 16,150	8 9	5,600 145,350	700 16,150	5,600 145,350		
Lake La Plata Larimer Las Animas Lincoln Logan	7,440 19,730 580 70 3,170	30 31 21 25 28	223,200 611,630 12,180 1,750 88,760	1,560 1,270 220 28,330 18,830	 9 17 7 9 10	14,040 21,590 1,540 254,970 188,300	9,000 21,000 800 28,400 22,000	237,240 633,220 13,720 256,720 277,060		
Mesa Mineral	3,860	29 	111,940	240	10	2,400	4,100	114,340		
Moffat Montezuma Montrose Morgan	570 4,030 10,320 1,010	32 26 36 29	18,240 104,780 371,520 29,290	6,630 2,970 380 13,390	18 8 12 9	199,340 23,760 4,560 120,510	7,200 7,000 10,700 14,400	137,580 128,540 376,080 149,800		
Otero Ouray	1,590 860	30 30	47,700 25,800	10 840	7 13	70 10,920	1,600 1,700	47,770 36,720		
Park Phillips Pitkin Prowers	570 400	 36 30	20,520 12,000	100 3,700 	9 9 	900 33,300 5,000	$     100 \\     3,700 \\     570 \\     1,400 \\     1,700   $	900 33,300 20,520 17,000		
Rio Blanco Rio Grande Routt	120 4,300 160	30 30 27 31	3,600 116,100 4,960	3,180 9,240	16 25	50,880	3,300 4,300 9,400	54,480 116,100 235,960		
Saguache San Juan San Miguel	1,300 	23 25	29,900 6,250	350	 10	3,500	1,300	29,900 9,750		
Sedgwick Summit Teller			6,670	1,210	10	1,200	1,500	18,770		
Washington Weld	1,700 37,700	25 31	42,500 1,168,700	35,000 34,500	7 11	245,000 379,500	36,700 72,200	287.500 1,548,200		
Yuma	120	24	2,880	11,480	7	80,360	11,600	83,240		

163,000

State\_\_\_\_\_

30.3 4,935,000

2,553,000

253,000 10.1

7,488,000

416,000

## ACREAGE AND PRODUCTION OF SPRING WHEAT, 1928

	-	SPRING WHEAT		WINTER	WHEAT	IRRIG. WHI	ATED EAT	NON-IRRIGATED WHEAT		
COUNTY	Total Acreage	Acreage	Percent- age of Total Wheat A.	Acreage	Percent- age of Total Wheat A.	Acreage	Percent- age of Total Wheat A.	Acreage	Percent- age of Total Wheat A	
Adams Alamosa Arapahoe	$77,600 \\ 3,000 \\ 46,590$	27,600 3,000 13.000	35.57 100.00 27.90	50,000	64.43 72.10	21,450 3,000 3,260	27.64 100.00 7.00	56,150 	72.36	
Archuleta Baca	1,350 17,000	1,300 3,000	96.32 17.65	50 14,000	3.68 82.35	670 130	49.63 0.76	680 16,870	50.37 99.24	
Bent Boulder	4,650 22,500	250 11,500	5.38 <b>51.11</b>	4,400 11,000	94.62 48.89	4,550 18,360	97.85 81.60	<b>10</b> 0 4,140	2.15 18.40	
Chaffee	1,500 2,600	1,500 1,100	100.00 42.31	1,500	57.69	1,500	100.00	2,600	100.00	
Conejos Costilla Crowley Custer	6,100 2,800 850 1,900	6,100 2,300 500 1,400	100.00 82.14 58.82 73.68	500 350 500	17.86 41.18 26.32	6,100 2,790 850 810	100.00 99.64 100.00 42.63	10	0.36	
Delta	6,100	5,100	83.61	1,000	16.39	5,920	97.05	180	2.95	
Dolores Douglas	2,800 8,350	1,800 1,650	64.29 19.76	1,000 6,700	35.71 80.24	140	1.68	2,800 8,210	100.00 98.32	
Eagle Elbert El Paso	1,350 57,500 7,000	1,300 21,000 4,000	96.30 36.52 57.14	50 36,500 3,000	3.70 63.48 42.86	1,160 	85.93 6.86	190 57,500 6,520	14.07 100.00 93.14	
Fremont	1,150	750	65.22	400	34.78	730	63.48	420	36.52	
Garfield	7,300	6,800	93.15	500	26.32	6,120	83.84	1.180	16.16	
Grand Gunnison	300 160	100 130	33.33 81.25	200 30	66.67 18.75	260 80	8C.67 50.00	40 80	13.33 50.00	
Hinsdale Huerfano	1,800	300	16.67	1,500	83.33	630	35.00	1,170	65.00	
Jackson Jefferson	15,300	7,300	47.71	8,000	52.29	11,150	72.88	4,150	27.12	
Kiowa Kit Carson	1,800 96,150	700 16,150	38.89 16.80	1,100 80,000	61.11 83.20			1,800 96,150	100.00 100.00	
Lake La Plata Larimer Las Animas_ Lincoln Logan	9,700 34,400 3,800 94,000 168,000	9,000 21,000 800 28,400 22,000	92.78 61.05 21.05 30.21 13.10	700 13,400 3,000 65,600 146,000	7.22 38.95 78.95 69.79 86.90	8,050 23,570 930 2,330 6,870	82.99 68.52 24.47 2.48 4.09	1,650 10,830 2,870 91,670 161,130	17.01 31.48 75.53 97.52 95.91	
Mesa	7,600	4,100	53.95	3,500	46.05	6,630	87.24	970	12.76	
Moffat Montezuma Montrose Morgan	11,800 8,800 11,900 36,000	7,200 7,000 10,700 14,400	61.02 79.55 89.91 40.00	4,600 1,800 1,200 21,600	38.98 20.45 10.09 60.00	650 4,470 11,400 1,990	5.51 50.80 95.79 5.53	11,150 4,330 500 34,010	94.49 49.20 4.21 94.47	
Otero Our <b>ay</b>	3,900 1,850	1,600 1,700	41.03 91.89	2,300 150	58.97 8.11	3,770 860	96.67 46.49	130 990	$\begin{array}{r} 3.33 \\ 53.51 \end{array}$	
Park	300 82,700	100 3,700	33.33 4.47	200 79,000	66.67 95.5 <b>3</b>		100.00	300 82,700	100.00 100.00	
Pitkin Prowers Pueblo	570 10,400 9,700	570 1,400 1,700	100.00 13.46 17.53	9,000 8,000	86.54 82.47	4,820 2,040	46.35 21.03	5,580 7,660	53.65 78.97	
Rio Blanco Rio Grande Routt	7,400 4,300 11,100	3,300 4,300 9,400	44.59 100.00 84.68	4,100	55.41 15.32	250 4,300 170	3.38 100.00 1.53	7,150	96.62 98.47	
Saguache	3,150	1,300	41.27	1,850	58.73	3,150	100.00			
San Miguel Sedgwick Summit	1,300 55,700 20	600 1,500	46.15 <b>2.69</b>	700 54,200 20	53.85 97.31 100.00	280 2,330	21.54 4.18	1,020 53,370 20	78.46 95.82 100.00	
Teller	300	100	33.33	200	66.67			300	100.00	
Washington Weld	149,000 132,210	36,700 72,200	24.63 54.61	112,300 60,010	75.37 45.39	1,760 57,550	1.18 43.53	147,240 74,660	98.82 56.47	
Yuma	83,600	11.600	13.88	72,000	86.12	120	0.14	83,480	99.86	

State\_\_\_\_\_ 1,339,000

416,000

31.07

923,000

68.93

239,000

17.82

1,100,000

82.18

## DISTRIBUTION OF WHEAT ACREAGE, 1928

and the second statement of th	and the second se								
		SPRING WHEAT		WINTER W	HEAT	IRRIGA	TED	NON-IRRIGATED	
COUNTY	Total Production Bushels	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	1.278.000	565,200	44.23	712.800	55.77	643,800	50.38	634,200	49.62
Alamosa Arapahoe Archuleta	72,000 692,730 23,340	72.000 173,320 22,240	100.00 25.02 25.28	519,410 1,100	74.98 4.72	72,000 96,500 17,220	100.00 13.93 73.77	596,230 6,120	86.07 26.23
lace	134.820	22.820	16.93	112.000	83.07	2.730	2.02	132.090	97.98
BentBoulder	159,400 636,910	5,400 332,930	3.40 52.27	154,000 303,980	96.60 47.73	158,500 565,940	99.43 88.84	900 70,970	0.57
Chaffee Cheyenne Clear Creek	45,000 25,600	45,000 12,100	100.00 47.27	13,500	52.73	45,000	100.00	25,600	100.00
Jonejos	140,300	140,300	100.00			140.300	100.00		
Costilla	64,000	50,500	78.90	13,500	21.10	63,880	99.81	120	0.19
Crowley	22,150 33,380	12,000 21,200	54.18 63. <b>5</b> 1	10,150 12,180	45.82 36.49	22,150 21,780	$\begin{array}{r} 100.00\\ 65.25\end{array}$	11,600	34.75
Delta Denver	197,340	166,230	84.24	31,110	15.76	195,360	98.99	1,980	1.01
Dolores	24,200	16,200	66.94	8,000	33.06			24,200	100.00
Douglas	117,070	22,100	18.89	94,970	81.17	3,730	3.18	113,340	90.82
Cagle	42,300	41,350	97.75	950	2.25	39,450	93.26	2,850	6.74
Elbert	648,000	210,000	32.41	438,000	67.59			648,000	100.00
El Paso	78,430	46,630	69.45	31,800	40.55	13,230	16.87	65,200	83.13
Fremont	26,500	15,900	60.00	10,600	40.00	22,210	83.81	4,290	16.19
Jarfield	209,690	198,910	94.80	10,780	5.15	195,840	93.42	13,850	0.08
illpin	8 310	2 350	34.30	5 460	65 70	7.800	02.86	510	6.14
Junnison	3,500	3,050	87.14	450	12.86	2,400	68.57	1,100	31.43
Hinsdale Huerfano	28,650	3,270	11.41	25,380	88.59	18,540	64.71	10,110	35.29
efferson	446,050	246,300	55.22	199,750	44.78	377,500	84.63	68,550	15.37
Kiowa Kit Carson	13,300 705,350	5,600 145,350	42.11 20.63	7,700 560,000	57.89 79.34			13,300 705,350	100.00
ake			00.00			0.40.110		14.050	5.78
a Plata	256,960	237,240	92.33	19,720	7.67	242,110	94.22	221 010	23.71
arimer	38 720	13,720	35.45	344,720	50.20 64 55	21,280	54.95	17.440	45.05
Lincoln	894,580	256,720	28.69	637,860	71.31	69.550	7.78	825,030	92.22
Logan	1,945,960	277,060	14.23	1,668,900	85.77	192,360	9.89	1,753,600	90.11
Mesa	213,780	114,340	53.48	99,440	46.52	203,350	95.12	10,430	4.88
Moffat	230,780	137.580	59.61	93 200	40.39	21.040	9.12	209,740	90.88
Montezuma	146,380	128,540	87.78	17.840	12.22	114,460	78.18	31,920	21.82
Montrose	414,360	376,080	90.76	38,280	9.24	408,240	98.52	6,120	1.48
Morgan	384,420	149,800	38.95	234,620	61.05	57,710	15.01	326,710	84.99
Otero Ouray	121,030 38,670	47,770 36,720	39.46 94.96	73,260 1,950	60.54 5.04	119,640 25,800	98.85 66.71	1,390 12,870	1.15
Park	2,900	900	31.04	2,000	68.96			2,900	100.00
Phillips	981,300	33,300	3.39	948,000	96.61			981,300	100.00
Pitkin	20,520	20,520	100.00			20,520	100.00	41 640	21.84
Prowers Pueblo	190,660 122,280	17,000 23,640	8.92 19.34	173,660 98,640	91.08 80.66	56,760	78.16 46.42	65,520	53.58
Rio Blanco	137,780	54,480	39.54	83,300	60.46	7,500	5.45	130,280	94.00
Rio Grande	116,100	116,100	100.00		10.00	116,100	100.00	264 800	98.05
Saguache	270,050 94,650	235,960	87.38 31.59	34,090 64,750	68.41	94,650	100.00		
San Juan									60.02
San Miguel	17,840 758,050	9,750 18,770	54.65 2.48	8,090 739,280	45.35 97.52	6,970 67,870	39.07 8.95	690,180	91.05
Summit	220			220	100.00			220	100.00
Teller	4,600	1,200	26.09	3,400	73.91			4,600	100.00
Washington	962,800	287,500	29.86	675,300	70.14	44,360	4.61	918,440	95.39
Weld	2,685,110	1,548,200	57.65	1,136,910	42.35	1,823,690	67.91	861,420	00.57
Yuma	659,240	83,240	12.63	576,000	87.37	2,880	0.43	656,360	00.01
State	18 564 000	7 499 000	10.94	11 076 000	59.66	7 843 000	39 55	11.221.000	60.45

## DISTRIBUTION OF WHEAT PRODUCTION, 1928

#### IRRIGATED NON-IRRIGATED TOTALS COUNTY Aver-Average Production Yield Bushels Production Production Acreage Acreage Acreage age Yield Bushels Bushels 83.300 Adams\_\_ 2,450 34 32,050 9 288.450 34.500 371.750 Alamosa. 340 32 9 10.880 212.940 23.660 24,000 Arapahoe. 223,820 Archuleta\_ 150 28 4.200 50 9 450 200 4.650 420,000 35,000 12 35.000 Baca\_\_\_ 420.000 Bent\_\_\_\_ 14.250 39 555,750 10.050 13 130.650 24.300 686.400 Boulder\_ 4.570 35 159,950 2.430 14 34.020 7.000 193,970 Chaffee 10 68.000 680.000 68.000 680.000 Cheyenne\_ ----Clear Creek. \_ \_ 30 24 720 30 720 Conejos\_ 11 27 10 110 1,730 1.620 70 Costilla. 60 272,800 346,960 6,820 40 6,180 12 74.160 13,000 Crowley\_\_\_ 20 24 280 880 11 9,680 900 9.960 Custer\_ 4.170 38 158,460 30 12 360 4.200 158.820 Delta. Denver\_ 2,300 25.300 2,300 25,300 Dolores\_ 13.400 13,400 174,200 174,200 13 Douglas\_ ---Eagle\_\_ ---48.600 48,600 10 486,000 486,000 Elbert\_\_ 960 32 30.720 50,490 10 504,900 51,450 535.620 El Paso\_ 10 9.000 3,500 900 110,400 2,600 39 101.400 Fremont. 14 4.340 310 1.600 50.780 Garfield\_. 1.290 36 46,440 ---Gilpin\_ \_ \_ Grand\_ ------\_\_\_\_ \_\_\_\_ \_ \_ Gunnison\_ Hinsdale. --36.630 4.070 4,400 44,550 330 24 7,920 Huerfano. Jackson\_ 2,080 12 24,960 88.560 4.200 30 2,120 63.600 Jefferson\_ 53,000 11 583,000 53,000 583,000 1.781.700 Kiowa\_ 1,778,700 161.700 11 30 3,000 161,800 100 Kit Carson\_ Lake 680 9 6.120 73,960 2,800 67,840 La Plata 2.120 32 3,530 13 45,890 9.500 248,870 34 202,980 5,970 Larimer\_ 9 103.860 11,540 13,500 182,260 1,960 40 78,400 Las Animas. Lincoln 882.200 80,200 11 80.200 882,200 1,007,600 91,600 11 1,231,600 35 224,000 98.000 Logan\_. 6,400 11 7,810 710 9.800 380,500 9,090 41 372,690 Mesa\_ Mineral\_ 11 2.050 22,550 2,100 23,550 20 1,000 Moffat\_ 50 27,400 63,940 2,740 10 4,000 Montezuma 1,260 29 36.540 173,500 50 12 600 4,600 Montrose\_ 4,550 38 172,900 68,510 9 616,590 77,000 956,190 339,600 8,490 40 Morgan\_\_\_ 10 13,600 1.360 11.600 382.240 368.640 Otero\_ 10.240 36 Ouray\_\_\_\_ \_ \_ Park \_ 13 780,000 780.000 60.000 60.000 Phillips\_ \_\_\_\_\_ ----Pitkin\_ 8 110,560 480,480 13,820 24,700 Prowers. 10,880 34 369,920 10 163,700 481,580 Pueblo\_ 16.370 25.200 8.830 36 317.880 11.700 13 31,700 Rio Blanco\_ 900 1,900 1.000 20 20.000 Rio Grande\_\_\_\_ \_ \_ $\frac{-1}{24}$ 50 1,200 Routt\_ 50 1.200 \_\_\_ Saguache. ---San Juan. 6,480 8,400 San Miguel\_ Sedgwick\_\_\_\_ 540 600 60 1,920 1.310 34 44,540 27,690 16 443,040 29,000 487,580 Summit ... ----Teller\_\_ \_ \_ - -9 1,277,280 1,310,760 33,480 639,880 141.920 143,000 Washington\_ 1,080 9 61,550 550,620 80,000 1.190,500 Weld\_\_ 18.450 34 11 2,344,100 205.000 Yuma. 4,950 29 143,550 200,050 2.200.550 13,756,000 18.694.000 1.301.000 10.6 1,438,000 State\_ 137,000 35.9 4,938,000

#### ACREAGE AND PRODUCTION OF CORN, 1928



DISTRIBUTION OF CORN ACREAGE, 1928

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

DISTRIBUTION OF BARLEY ACREAGE, 1928



Each dot represents 2,000 acres; cross represents acreages of less than 2.000.

## ACREAGE AND PRODUCTION OF BARLEY, 1928

	I	RRIGATI	ED	NOI	N-IRRIG.	TOTALS		
COUNTY	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	3.210	44	141,240	16,830	20	336,600	20,040	477,840
Alamosa	4,730	32	151,360			150.040	4,730	151,360
Arapahoe Archulets	860 30	44 35	37,840 1,050	8,380 290	18 12	150,840 3,480	9,240 320	188,680 4,530
Baca	20	28	560	6,440	14	90,160	6,460	90,720
BentBoulder	2,970 4,820	36 46	106,900 221,320	280 450	16 24	4,480 10,800	3,250 5,270	111,380 232,120
Chaffee	1,920	38	72,960				1,920	72,960
Cheyenne				6,400	19	121,300	6,400	121,600
Conejos	6.070	31	188,170	10.	21	210	6.070	188.170
Costilla	2,520	33	83,160				2,520	83,160
Custer	1,330 1,070	38 28	50,540 29,960	1,180	13	15,340	1,330 2,250	50,540 45,300
Delta	2,130	44	98,720	60	22	1,320	2,190	95,040
Dolores				660	12	8 550	660	8 580
Douglas	10	33	380	2,080	24	49,920	2,090	50,300
Eagle	480	47	22,560	40	23	920	520	23,480
Elbert El Paso	150 220	38 39	5,700 8,580	9,850 1,270	18 15	177,300 19,050	10,000 1,490	183,000 27,630
Fremont	700	43	30,100	290	16	4,640	990	34,740
Garfield	1,510	42	63,420	170	19	3,230	1,680	66,650
Gilpin				20	14	280	20	280
Gunnison	400 320	00 39	12,480	250	15	3,750	410 570	20,230
Hinsdale Huerfano	30 390	34 37	1,020 14,430	1,120	16	17,920	30 1,510	1,020 32,350
Jackson	60	41	2,460		16	10.090	60	2,460
Kiowa	2,100	40	51,200	1.510	15	22.650	2,790	22,650
Kit Carson	140	38	5,320	68,450	14	958,300	68,590	963,620
Lake	1 590	35	55 300	570	12	6.840	0.150	62 140
Larimer	10,540	45	474,300	1,070	21	22,470	11.610	496.770
Las Animas	830	38	33,440	630	15	9,450	1,510	42,890
Logan	14,590	40	583,600	25,800 48,940	14 20	361,200 978,800	25,800 63,530	361,200 1,562,400
Mesa	1,230	40	49,200	90	15	1,350	1,320	50,550
Moffat	150	50	7,500	1 030	26	26 780	100	3,800
Monteruma	1,060	33	34,980	440	8	3,520	1,180	38,500
Montrose	1,880	43	80,840	350	14	4,900	2,230	85,740
04	10,100		411,100	11,010	10	1.000	22,160	008,000
Ouray	2,460	33 43	81,180	650	17	11,050	2,580 850	19,650
Park				1,350	18	24,300	1,350	24,300
Phillips	100			21,180	22	465,960	21,180	465,960
Prowers	3,060	43	122,400	1,810	17	30,770	4,870	153,170
Pueblo	2,050	37	75,850	560	13	7,280	2,610	.83,130
Rio Blanco	20	45	900	410	30	12,300	430	13,200
Routt	280	50	14,000	4,490	30	134,700	4,770	148,700
Saguache San Juan	3,030	37	112,110				3,030	112,110
San Miguel	790	40	31,600	3,650	15	54,750	4,440	86,350
Sedgwick	3,540	43	152,220	12,300 60	23 22	282,900	15,840 60	435,120 1,320
Teller				830	15	12,450	830	12,450
Washington Weld	1,180	40 45	47,200	74,120 33,190	18 22	1,334,160 727,720	75,300 71,350	1,381,360 2,450,770
Yuma	470	36	16,920	32,320	16	517,140	32,790	534,060
State	143,000	41.2	5,889,000	404,000	17.9	7,239,000	547,000	13,128,000

-
OATS,
OF
PRODUCTION
AND
REAGE

AC

928

Total Acreage of All Oats		of All Oats	4,790 4,690 2,580 3,430	$1,230 \\ 1,580 \\ 2,330$	1,520 660 5,940 1,610	1,210 4,030 3,920	1,460 8,340	2,870 7,800 18,650	3,200	2,930 690 1,250 1,790	10 4,100	180 6,170 5,320
Acreage of Oats Cut Green for Hay		for Hay	1,390 300 1,150 1,390	780 20 270	460 170 2,420 740	190 1,330 970	2,540	780 2,500 6,720	2,130	560 460 360 700	1,130 1,130	1,970 1,280 1,280
OATS HARVESTED FOR GRAIN	ALS	<b>Production</b> <b>Bushels</b>	109,880 166,820 35,500 44,200	5,850 52,650 86,940	20,140 8,820 4,400 106,480 30,240	40,900 74,940 126,410	<u>16,050</u> 116,160	$\begin{array}{c} 104,770 \\ 111,740 \\ 242,890 \\ 242,890 \end{array}$	27,090	$101,890 \\ 4,370 \\ 39,360 \\ 28,820 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	55,510	137,280 5,780 76,760
	TOT.	Acreage	3,400 4,390 1,430 2,040	450 1,560 2,060	1,060 490 2,520 3,520 870	2,700 2,950 2,950	1,070 5,800	<b>2,090</b> 5,300 1,930	1,070	2,370 230 890 1,090	2,970	4,200 4,200 4,040
	NON-IRRIGATED	Production Bushels	20,910 17,860 21,760	5,850 5,850 7,980	$\begin{array}{c} 20,140\\ 8,820\\ 4,400\\ 12,880\\ 140\end{array}$		<u>16,050</u> 115,800	$\begin{array}{c} 1,750\\ 110,460\\ 232,000\end{array}$	15,390	7,130 4,370 660 14,000	30,160	54,720 5,780 76,760
		Average Yield	17 19 16	13 15 21	19 18 14 14	21 21	15 20	25 21 20	19	23 22 20	13	24 17 19
		Acreage	$1,230 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	450 390 380	1,060 490 220 920 10	1,560	 1,070 5,790	70 5,260 11,600	810	310 230 30 700	2,320	2,280 340 4,040
	IRRIGATED	<b>Production</b> Bushels	88,970 166,820 17,640 22,440	46,800 78,960	93,600	45,900 42,180 125,990	360	103,020 1,280 10,890	11,700	94,760 	25,350	82,560
		Average Yield	41 38 33 33	 40 47	3361 1	45 37 43	36	51 32 33	45	46 45 38	100	65
		Acreage	2,170 4,390 490 680	1,170 1,680	2,600	1,020 1,140 2,930	10	2,020 40 330	260	2,060 	650	1,920
COUNTY			Adams	Baca	Chaffee Cheyenne. Clear Greek Consion Constilla	CrowleyCuster	Denver	EagleElbertEl PasoEl	Fremont	Garfield	Hinsdale Huerfano	Jefferson
30 5,230 8,080 3,050 3,290 11,420	4,320 710 11,740 4,570 5,880 2,990	3,220 1,070 <b>3,710</b> 13,280 1,810 2,040 2,240	4,080 8,280 14,120 5,680	$\begin{array}{c}$	10,510 21,420 6,880 288,000							
--	--	---	---	--	--							
30 1,650 970 360 1,660 1,490	850 7,740 1,420 1,420 1,880	210 210 6,480 760 420	2,880 1,770 3,990 1,360	4,730 4,730 90 6,690	3.480 5,220 1,170 95,000							
140,940 297,950 69,800 30.970 341,020	141,710 4,680 117,900 100,120 152,600 135,520	17,170 17,170 156,400 72,450 41,060 46,200	44,080 247,380 390,170 159,840	$\begin{array}{c} 52,440\\ 52,440\\ 3,900\\ 72,480\end{array}$	144,120 584,750 120,020 5,983,000							
3,580 3,580 7,110 2,690 1,630 9,930	3,470 260 4,000 3,150 3,530 4,000	9,090 860 1,010 6,800 1,280 1,280 1,820	1,200 6,510 10,130 4,320	2,460 4,800 170 3,020	7,030 16,200 5,710 193,000							
$\begin{array}{c} 12,240\\ 23,000\\ 16,200\\ 30,970\\ 144,820 \end{array}$	5,400 4,680 95,850 16,600 5,000 40,480	5,060 5,060 17,170 156,400 5,460 11,400	16,640 327,450	81,790 88,500 2,340 72,480	136,200 115,400 119,700 2,348,000							
17 23 19 26	18 20 20 16	22 17 14 114	37	17 25 18 24	20 20 21.9							
1,000 1,000 1,350 1,630 5,570	300 260 3,550 830 1,840 1,840	230 230 6,800 8950	640 	1,870 3,540 130 3,020	6,810 5,770 5,700 107,000							
128,700 274,950 53,600 196,200	136,310 	26,460 26,460 72,450 38,600 34,800	27,440 247,380 62,720 159,840	20,650 50,400 1,560	7,920 469,350 320 3,635,000							
45 45 40 45	43 49 45 45 45	40 41 40 40 40	49 38 49 37	35 35 39	36 45 32 42.3							
2,860 6,110 1,340 4,360	3,170  450 2,320 3,280 2,160 3,020	630 630 1,610 890 870	560 6,510 1,280 4,320	 590 1,260 40	220 10,430 86,000							
ake a Plata	resa (ineral coffat fontesuma fontrose	buray ark hillipa tikin rowers ueblo	tio Blanco	an Juguel an Miguel edgwick	Vashington Veld uma State							



DISTRIBUTION OF OATS ACREAGE, 1928



#### **DISTRIBUTION OF POTATO ACREAGE, 1928**

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

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

		IRRIGA	TED	NON	I-IRRIGA	TED	TOTALS		
COUNTY	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Produc- tion Bushels	Acreage	Production Bushels	
Adams Alamosa Aranahoe	560 6,020 20	100 140 85	56 000 842,800 1.700	200	30 40	6,000 	760 6,020 30	62,000 842,800 2,100	
Archuleta	140	105	14,700	130	30	3,900	270	18,600	
Baca Bent Boulder		110	19,800	10 20	30 50	300 1,000	10 200	300 20,800	
Chaffee Cheyenne Clear Creek	630	100	63,000	 70 30	40 50	2,800 1,500	630 70 30	63,000 2,800 1,500	
Conejos Costilla Crowley	3,540 360 10	125 120 60	442,500 43,200 600	10 10	40 40	400 400 70 500	3,540 370 20	442,500 43,600 1,000	
Delta	1,190	120	154,700	20	40	800	1,210	155,500	
Dolores Douglas				300 140	30 50	9,000 7,000	300 140	9,000 7,000	
Eagle Elbert El Paso	1,740 	155 	269,700  1,800	40 770 980	50 40 40	2,000 30,800 39,200	1,780 770 <b>1,000</b>	271,700 30,800 41,000	
Fremont	30	120	3,600	390	30	11,700	420	15,300	
Garfield Gilpin Grand Gunnison	3,450  150 210	150 130 145	517,500 	220 120 10 120	50 30 40 50	11,000 3,600 400 6,000	3,670 120 160 330	528,500 3,600 19,900 36,450	
Hinsdale Huerfano	100	120	12,000		<u>40</u>	2,000	100 50	12,00	
Jackson Jefferson	10 160	110 120	1,100 19,::00	10 670	40 40	400 26,800	20 830	1,50	
Kiowa Kit Carson				1,100	40	44,000	1,100	44,000	
Lake La Plata Larimer Las Animas	710 660	120 130	85,200 85,800	220 100 100	25 50 40	5,500 5,000 4,000	930 760 100	90,700 90,800 4,000	
Lincoln Logan	10 420	85 130	850 54,600	1,180 1,280	45 40	53,100 51,200	1,190 1,700	53,950 105,800	
Mesa Mineral Moffat Montezuma Montrose	2,010 10 10 640 5,410	130 90 145 90 135	261,300 900 1,450 57,600 730,350	780 1,020 390 440	40 	\$1,200 51,000 7,800 17,600	2,790 10 1,030 1,030 5,850	292,50 90 52,45 65,40 747,95	
Otero	2,970 20	140 75	415,800	120 10 250	40	4,800	3,090	420,60	
Park Phillips Pitkin Prowers	60 1,220 10	80 150 75	4,800 	1,310 90 	30 40 30	39,300 3,600 	1,370 90 1,220 40	44,10 3,60 189,10 1,65	
Rio Blanco Rio Grande Routt	10 10 17,270 50	75 140 155 145	750 1,400 2,676,850 7,250	70	 50 50	3,500	10 80 17,270 1,430	4,900 2,676,850 76,250	
Saguache	6,880	125	860,000				6,880	860,000	
San Miguel Sedgwick Summit	40 350 40	130 100 100	5,200 35,000 4,000	210 160	30 40	6,300 6,400	250 510 40	11,500 41,400 4,000	
Teller				1,930	30	57,900	1,930	57,90	
Washington Weld	190 31,010	100 145	19,000 4,519,650	950 1,190	40 40	38,000 41,200	1,140 32,200	57,00	
Yuma	40	100	4.000	770	40	30,000	810	34.00	

141.2

12,591,400

21,000

89,000

State\_\_\_\_

39.7 828.600

110,000

13,420.000

### ACREAGE AND PRODUCTION OF POTATOES, 1928

### ACREAGE OF RYE AND SORGHUMS, 1928

		•	RYE			SC	RGHUMS	
COUNTY	RYE	FOR GRA	IN				1	
	Spring	Fall	Total	Rye for Pasture	All Rye	Grain	Sweet	Total
Adams	130	1,420	1,550	1,010	2,560	3,150	2,320	5,470
Alamosa Arapahoe	120	1,010	1,130	320	1,450	1,850	1,620	3,470
Archuleta		20	20		20			
Baca Bent Boulder	20 50	70	20 120	20	450 20 140	68,220 10,940	10 110	68,230 11,050
Chaffee	50 130	120	50 250	240	50	27 430	2 000	29 /30
Clear Creek								
Costilla	30	40	70	10	80			
Custer	50	300	350	110	460	1,940	2,030	5,970
Delta	10	10	20		20			
Dolores	30	180	210	120	330	60	350	410
Eagle	10	1,290	20	10	2,080	50	260	310
Elbert El Paso	990 1.790	3,290 3,210	4,280	2,360	6,640 7,070	2,060	3,370	5,430
Fremont	100	140	240	120	360	50		50
Garfield	40	100	140	10	150	10	70	80
Grand	120	80	200	170	370			
Gunnison	30	10	40	10	50			
Huerfano	30	150	180	110	290	90	550	640
Jackson Jefferson	30 60	20 90	50 150	10 70	60 220			10
Kiowa Kit Carson	120	150 4,540	150 4,660	20 2,160	170 6,820	17,060 24,460	13,860 3,330	<b>30,920</b> 27,790
Lake			60	20	80			
Larimer	140 80	40 140	180 220	70 110	250 330	6,530	40 1.890	40 8.420
Lincoln	590 820	1,780	2,370	1,480	3,850	16,500	5,080	21,580
Mesa	110	190	300	1,000	440	180	30	210
Mineral Moffat	870	2,990	3,860	1,360	5,220	90	70	160
Montezuma	20 20	170	190 20	80 40	270 60	110	290	400
Morgan	260	2,120	2,380	920	3,300	5,330	4,190	9,520
Otero Ouray	50	20	20	20 10	70 30	2,920	10	2,930
Park	120	120	240	130	370	1.610	5 410	7 020
Pitkin	20		20	1,500	30	23 270	1 860	25 120
Pueblo	70	90	160	80	240	4,520	630	5,150
Rio Blanco Rio Grande	140 50	860	1,000 50	480	1,480 50			
Routt	180	170	350	140	490			
Saguache San Juan	50		50		50			
San Miguel Sedgwick	170 320	2,440	170 2,760	120 1,200	290 3,960	130 1,400	1,230	130 2,630
Summit	50		50	10	60			
Teller	20	130	150	40	10 950	11.720	12 240	22 070
Weld	3,150	4,630	7,780	2,590	10,370	3,720	6,800	10,520
xuma	310	9,040	9,350	5,100	14,450	16,260	12,500	28,760
State	12,780	61,220	74,000	33,000	107,000	256,000	94,000	350,000



**DISTRIBUTION OF RYE ACREAGE**, 1928





DISTRIBUTION OF SORGHUM ACREAGES, 1928

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

COUNTY	Alfalfa	Clover	Timothy	Timothy and Clover Mixed	Millet and Hershey	Sudan Grass	Other Tame Grass	Grains Cut Green for Hay	Wild Grass Cut for Hay	Total Hay
Adams	15,270 19,740	$460 \\ 1.370$		40	1,310	260	10	1,610	2,780	21,740
Arapahoe Archuleta	14,810 5,400	110	400	8,840	170	110	60	1,330 1,610	1,220 1,550	17,810 17,800
Bac <b>a</b> Bent	900 26,250	90 820			10 80	340 310	10 10	900 20	70	2,250 27,560
Boulder Chaffee	20,720	340 150		390 2.210	10	10	50 30	310 530	2,300	24,130
Cheyenne Clear Creek	640 20	150		370	7,640	1,400	60	200 150	500	10,030
Conejos	13,690	3,900	400	300			30	2,800	15,100	36,220
Crowlev	16 840	1,400	230	400	60	380		850	3,520	14,160
Custer	2,740	60	\$00	100	20	20		1,540	14,600	19,380
Delta	30,160	120	540	90	30	10		1,120	30	32,100
Douglas	22 <b>0</b> 7,660	20 80	240 980	$\begin{array}{r} 240 \\ 2,050 \end{array}$	20 240			450 2,940	30 2,520	1,220 16,510
Eagle	9,540	10	6,270	4,880		10	660	900	930	23,200
Elbert El Paso	11,780 7,550	1,090 410	160 200	40 600	2,840 7,170	350 110	60 70	2,900 7,800	4,620 4,420	23,840 28,330
Fremont	6,810	20	470	50	70	10	180	2,470	2,040	12,120
Garfield	39,730	80	1,080	230	10	10	80	640	180	42,040
Grand	10		20	18,200	20		10	530	530	1,240
Gunnison	2,890	40	1,110	20,640		10	860	810	20,100	46,460
Hinsdale Huerfano	10,010		400 530	$\begin{array}{r} 1,740\\150\end{array}$	10 80	240	100	10 1,300	1,260 1,180	3,420 ,13,700
Jackson Jefferson	10 17,730			10		60	20	70 2,280	77,160 4,620	77,240 24,970
Kiowa Kit Carson	2,070 1,620	460 740			3,400 1,530	1,020 20	10	330 1,480	1,240	7,290 6,660
Lake La Plata	23,930		1 470	1,580			250	30 1.910	7,480	7,510
Larimer	49,600	370		390	40	80	50	1,120	7,740	59,390
Las Animas	9,230	90	3,030	110	560	190	230	410	570	14,420
Logan	3,440 20,470	340 2,290			5,460 7,630	580 860	150 100	1,920 1,720	2,340 12,100	14,450 45,170
Mesa	35,580	340	520	210	30	50	30	1,000	2,000	39,760
Mineral	11 560		1 590	1,200	100	60	780	8 990	1,920	2,830
Montezuma	17,380	180	260	1,000		10	100	1,640	800	21.270
Montrose	33,280	460	2,660	400	30		980	660	1,440	39,910
Morgan	24,510	650		140	8,430	400	10	2,180	2,280	38,670
Ouray	2,800	40	380	4,340			30	200	2,330	10,160
Park	30	10	110					3,120	38,430	41,700
Phillips	1,180	620	3 980	2.669	110	320	10	7,500	400	18,480
Prowers	33,750	550	0,500		30	210	10	880	1.000	36,420
Pueblo	24,030	680	740	1,070	150	120	20	500	1,290	23,600
Rio Blanco	17,430	500	1,220	4,470			530	3,330	7,200	34,680
Rio Grande	11,900 8,590	2,280 150	200	200 28,250	$\begin{array}{c}100\\560\end{array}$		30 820	2,050 4,620	10,650 5,640	27,410 50,610
Saguache	7,400	730	200	600				1,570	44,170	54,670
San Juan	8 080	120	2 070	2 3 4 0				5 500	100	18 250
Sedgwick	4,110	330		8,080	1,060	620	90	20	3,200	9,430
Feller	150	130	120	160	10			7,750	2,880	11,200
Washington	4,170	230		220 400	14,410 10,740	900	20 14,830	4,030	2,000	25,980
Yuma	2,490	470			11,260	620	1,190	1,350	4,720	22,100
State	785,000	28,000	35,000	120,000	94,000	11,000	24,000	110,000	376,000	1,583,000

### ACREAGE OF HAY CROPS, 1928



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

DISTRIBUTION OF ALFALFA ACREAGE, 1928



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

### ACREAGE OF MISCELLANEOUS CROPS, 1928

	DRY BEANS									Ala
COUNTY	Irri- gated	Non- (rrigated	Total	Snap Beans	Broom Corn	Sugar Beets	Field Peas	Garden Peas	Emmer	falta Seed
Adams Alamosa Arapahoe	1,200 	15,350 11,960	16,550 12,020	300 	40 	6,600 390 670	6,000	280 480 20	170 	20
Baca Bent Boulder	10 720 80	1,450 1,240 110	1,460 1,960 190		29,060 170 30	2,100 7,600		 10 410	  130	100 100 40
Chaffee Cheyenne Clear Creek Conejos	480	2,520	2,520		 	 200 70	1,880  9,800 13,000	600 20 2,030	390 	
Crowley Custer Delta	2,900 40 60	6,950  20	9,850 40 80	  75	  20	7,050	400			
Denver Dolores Douglas Eagle		660 1,260	660 1,260				<u>5</u> 0	 20 180	100	10
Elbert El Paso Fremont	10 40 300	39,920 36,710 50	39,930 36,750 350	<u>20</u> 100	 20	150		20 20 240	5,300 100	100 100
Garfield Gilpin Grand Gunnison				  		1,600		30 50 35 10		100
Hinsdale Huerfano Jackson Jefferson	150 	2,200 	2,350				100	5 10 		
Kiowa Kit Carson Lake		1,160 4,300	1,160 4,300		630 20				10 330	10
La Plata Larimer Las Animas Lincoln Logan	40 860 1,990 1,390 950	190 590 4,590 31,880 5,730	230 1,450 6,580 32,270 6,680	10 130 220  10	20 330	16,600 200 22,730	20	10 450 10 	20 10 20 4,300 360	20 30 100 
Mesa Mineral Moffat Montezuma Montrose	4,680  100 350 3 120	580 10 2,780	5,260  2,880 350 17,970	230   95 30		2,350 	 130 	10 30 10 	5 	250 200 50 50
Otero Ouray	3,680	160	3,840	300 		10,100	10	50	30 15	830
Park Phillips Pitkin Prowers Pueblo	 120 4,460	240 110 13,210	240 230 17,670	  10 190	5,330	2,200 6,500	30  	30   150	30  380 	40 180 130
Rio Blanco Rio Grande Routt		 				<u>20</u> 10	200 25,600	820 400		
Saguache San Juan San Miguel Sedgwick Summit	10 110	 350 130	360 240			8,260			60	50
Teller Washington Weld	260 25,610	 14,120 37,340	14,380 62,950			1,630 53,600		10 1,740	470 3,200	50 80
Yuma State	10 53,650	2,380 255,350	2,390	2,400	36,000	179,000	73,000	9,500	16,000	2,900



DISTRIBUTION OF DRY BEAN ACREAGE, 1928

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

DISTRIBUTION OF SUGAR BEET ACREAGE, 1928



	CL	JCUMBE	ERS	(	CABBAG	ËE	1	1	1	1
COUNTY	For Pickles	For Seed	Total	Early	Late	Total	Sweet Corn	To- matoes	Lettuce	Celery
Adams Alamosa	220		220	497	208	705	200	185	150 112	233 36
Archuleta							b 	10		
Baca Bent Boulder			40 130	<u>8</u> 110	<u>2</u> 170	10 280	 10 40	 90	 	
Chaffee Cheyenne				7	3	10			615	
Clear Creek									6	
Costilla				5	2	7			623 796	
Custer	200	30	230		2	2	10	50	120	
Delta	40		40						120	
Denver							15	5		4
Dolores							20			
Eagle									1 100	
Elbert							5			
El Paso	10		10	11	8	100	25		20	4
Fremont	10		10	40	62	102	40	50	100	50
Gilpin							10	4	180 29	9
Grand									1,780	
Hinsdale										
Huerfano							5			
Jackson Jefferson			30	72	-130	202	490	-240	278	295
Kiowa Kit Carson							5 5			
Lake										
Larimer	70		70	10	26		10 40			4
Las Animas				2		2	5			
Logan	150		150	2	18	20	56	10		
Mesa	50		50	7	9	16	40	436	6	4
Moffat							5			
Montezuma			50							
Morgan	-215		215	3	16	19	15	10		î
Otero Ouray	345 	1,100 	1,445	2	6 	8	20 	635		7
Park Phillips							5		28	
Pitkin									40	
Prowers Pueblo	20 300	670	970	35	140	175	140	60	10	219
Rio Blanco Rio Grande Routt				2	  1				1,149 2,300	
Saguache									133	
San Juan							5			
Sedgwick				2	1		20			
Follow										
Weshington									120	
Weld	400		400	435	997	1,432	10 510	400	10	16
Cheste										
State	2,300	1,800	1,100	1,279	1,821	8,100	1,760	2,200	9,800	900

### ACREAGE OF MISCELLANEOUS CROPS, 1928



1,000.



#### DISTRIBUTION OF LETTUCE ACREAGE, 1928

Each dot represents 50 acres; cross represents acreages of less than 50.

	CANTALOU DEW 1	JPES, HOMELONS	DNEY		Pump	ONIONS				
COUNTY	For Market	For Seed	Total	Water- melons	kins and Squash	Dry	Green and Seed	Total	Cauli- flower	Farm Garden
Adams Alamosa Arapahoe	20 		20	10 	25 -10	85 	25 -30	110 	113 80 2	1,200 100 180
Baca Bent Boulder	1,250 15	30	1,280 15	15 15 15	5 10 20	 80 22	 	 80 27	13	60 260 480
Chaffee Cheyenne Clear Creek Conejos									9  57	80 40 20 150
Costilla Crowley Custer	2,715	70	2,785	100	20 20	 84 		 84 	525 	80 170 60
Denver Dolores Douglas										520 30 60
Eagle Elbert El Paso					 5 10	3	 		6 2	120 80 240
Garfield Gilpin Grand				10	10	12 4 	15 5 	9	94 	490 800 10 100
Gunnison Hinsdale Huerfano					 5					100 10 250
Jackson Jefferson Kiowa	<u>5</u> 40		<u>5</u> 40		30		35		73	50 700 90
Kit Carson Lake La Plata					5					90 20 180
Larimer Las Animas Lincoln Logan	5 10 		5 10 5	5   10	10 5 5 5	15 6 	10 5 	25 11 	6 	780 120 100 320
Mesa Mineral Moffat Montezuma Montrose	160  10		160  10 	25  10	50 -10 -30	33  1,341	10   20	43	  3	770 10 280 1 <b>3</b> 0 880
Otero Ouray	4,350	800	5,150	120	10	873	15	888		210 280 40
Park Phillips Pitkin Prowers Pueblo	  10 290	  10	  10 300	  140		  7 96	  5 30	 12 126	  628	40 100 40 250 520
Rio Blanco Rio Grande Routt										170 150 300
Saguache San Juan San Miguel Sedgwick Summit					 					160 
Teller Washington					10					20 150
Weld	90	20	!10	50 10	40	300	15	315	9	840
State	9,000	930	9,930	600	200	8,700	265	8,965	1,700	13,000

#### ACREAGE OF MISCELLANEOUS CROPS, 1928



**DISTRIBUTION OF FIELD PEA ACREAGE**, 1928

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



DISTRIBUTION OF CANTALOUPE ACREAGE, 1928

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#### SUMMARY OF THE ACREAGE, PRODUCTION AND VALUE OF PRINCIPAL CROPS IN THE UNITED STATES, 1927 AND 1928, AND COLORADO'S PROPORTION OF TOTALS

Crop and			Price		COLOR	COLORADO'S PERCENT OF U. S. TOTALS		
Year	Acreage	Production	per Unit	Value	Acre- age	Produc- tion	Value	
Corn 1927 1928 All Wheat	98,393,000 100,761,000	2,763,093,000 Bus. 2,839,959,000 Bus.	\$0.723 0.751	\$1,997,759,000 2,132,991,000	$\begin{array}{c} 1.31\\ 1.43\end{array}$	0.72 0.66	0.60	
1927 1928	58,784,000 57,724,000	878,374,000 Bus. 902,749,000 Bus.	$1.115 \\ 0.972$	979,813,000 877,193,000	$\begin{array}{c} 2.42\\ 2.32\end{array}$	2.29 2.06	· 2.13	
1927 1928	41,94 <b>1,000</b> 41,733,000	1,182,594,000 Bus. 1,449,531,000 Bus.	0.450 0.409	531,762,000 592,674,000	0.45 0.46	0.46 0.41	0.50 0.45	
1927 1928	9,476,000 12,539,000	265,882,000 Bus. 356,868,000 Bus.	$0.678 \\ 0.552$	180,200,000 197,128,000	$\begin{array}{r} 4.33\\ 4.36\end{array}$	3.39 3.68	2.80 3.60	
1927 1928	3,648,000 3,444,000	58,164,000 Bus. 41,766,000 Bus.	0.853 0.864	49,609,000 36,067,000	$2.08 \\ 2.15$	$1.37 \\ 1.95$	1.13 1.58	
1927 1928	6,723,000 6,497,000	137,358,000 Bus. 142,533,000 Bus.	0.616 0.621	84,614,000 88,471,000	4.22 3.94	2.07 1.80	2.18 1.74	
1927 1928	75,698,000 70,919,000	123,327,000 T. 105,953,000 T.	<b>10.6</b> 8 11.74	<b>1,317,157,000</b> 1,243,359,000	2.14 2.23	2.48 2.68	2.11 2.63	
1927 1928	1,571,000 1,577,000	16,181,000 Bus. 16,598,000 Bus.	2.88 4.17	46,612,000 69,294,000	17.88 19.60	9.55 8.37	8.96 6.82	
1927 1928	3,476,000 3,825,000	402,741,000 Bus. 462,943,000 Bus.	0.965 0.540	388,741,000 250,043,000	$2.76 \\ 2.86$	3.58 2.90	2.04 2.41	
1927 1928	721,000 646,000	7,753,000 T. 7,040,000 T.	7.67 7.18	59,455,000 50,525,000	30.24 27.71	35.78 32.98	36.59 32.17	
1927 1928 TRUCK CROPS	230,000 252,000	38,600 T. 45,500 T.	109.12 106.59	4,212,000 4,850,000	12.17 14.29	11.40 13.41	12.54 10.68	
Snap Beans 1927 1928	111,090 135,060	126,700 T. 147,200 T.	118.01 101.49	14,952,000 14,940,000	$1.30 \\ 1.77$		2.36 2.04	
Cabbage 1927 1928	143,790 136,850	1,202,800 T. 976,900 T.	15.97 24.04	19,211,000 23,488,000	$\begin{array}{c} 1.81\\ 2.27\end{array}$	$\begin{array}{c} \textbf{3.13} \\ \textbf{4.57} \end{array}$	2.73 2.47	
1927 1928	105,780 100,400	15,014,000 Cr. 15,521,000 Cr.	1.49 1.31	22,424,000 20,261,000	$\begin{array}{c} 11.43\\ 8.96 \end{array}$	$\begin{array}{r} 10.23 \\ 7.54 \end{array}$	7.19 5.42	
1927 1928	17,750 20,650	4,096,000 Cr. 4,987,000 Cr.	1.26 1.10	5,165,000 5,509,000	$\begin{array}{c} 6.54\\ 8.23\end{array}$	8.20 10.23	11.58 20.84	
1927 1928	24,550 26,400	7,585,000 Cr. 7,173,000 Cr.	1.65 1.95	12,505,000 14,005,000	$\substack{\textbf{3.83}\\\textbf{3.41}}$	3.72 3.76	3.83 5.02	
1927 1928	93,500 111,740	8,256,000 Bus. 8,535,000 Bus.	1.14 1.05	9,422,000 8,998,000	$\begin{array}{r} 3.34 \\ 2.05 \end{array}$	$\begin{array}{c} 1.89 \\ 2.36 \end{array}$	1.2 1.6	
1927 1928	121,880 126,780	19,383,000 Cr. 18,589,000 Cr.	1.42 1.70	27,467,000 31,530,000	10.86 7.73	$\begin{array}{c} 7.51 \\ 6.06 \end{array}$	8.64 3.88	
1927 1928 FRUITS	76,440 77,480	23,525,000 Bus. 19,025,000 Bus.	0.80 1.19	18,7 <b>51,000</b> 22,574,000	5.63 4.78	$\begin{array}{c} 5.85\\ 6.03\end{array}$	3.30 7.22	
Apples 1927 1928		123,693,000 Bus. 184,920,000 Bus.	1.386 1.001	171,394,000 185,126,000		$\begin{array}{c} 2.10\\ 1.63\end{array}$	1.66 1.06	
Peaches 1927 1928		45,463,000 Bus. 68,374,000 Bus.	<b>1.181</b> 0.987	50,494,000 63,649,000		1.96 0.88	2.19 1.18	
Pears 1927 1928		18,373,000 Bus. 23,783,000 Bus.	1.322 1.019	24.298,000 24,216,000		2.61 0.78	2.77 0.80	
1927 1928	55,830,320 60,326,660			2,522.166,000 2,515,906,000				
1927 1928	357,186,100 360,979,020			\$8,538,183,000 8,472,827,000	1.74 1.77		1.47	

\*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 acceases 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.

COST OF	PRODUC	TION OF CRO	PS, 1923
(From Reports	to U.S.	Department of	Agriculture)

		Av.	Gross	~ ···	Net Cost		Val	ue
	No. Re- ports	Yield Per Acre	Cost Cre Per Per Acre Ac	Credit Per Acre	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



of 1921 to 1925, inclusive.

Chart shows relative importance of principal crops in Colorado on the basis of values, the

figures being average values for the period

FARMS REPORTING	MORTGAGE	DEBTS
-----------------	----------	-------

(Compiled from Census Reports)

	1925	1920	1910
Number farms operated by owners (owned in whole or in part)	39,518 20,997 53.1 * 14,444 \$144,065,345 61,408,229 42.6 *	$\begin{array}{r} 45,291\\21,131\\46.7\\37.2\\15,735\\\$211,700,699\\62,623,338\\29.6\\29.1\end{array}$	36,993 9,636 26.0 33.2 7,571 \$ 77,332.066 18,986.026 24.6 27.3

\*1925 data not yet available.

\$1,018,701 \$643,740 \$615,000 \$581,908

F

\$572,884 \$527,300 \$178.000

1

Lettuce Onions

Cabbage Rye Cucumbers

Tomatoes

Field Peas

CROP OF	1928	1927	1926	1925	1924	1923	1922	1921	1920
Fruits									
Apples	2,825	2,228	2,877	3,193	2,404	2,718	3,385	3,882	3,063
Peaches	1,117	1,709	1,271	834	1,772	1,254	1,428	1,223	1,091
Pears	264	737	750	717	955	696	774	745	654
Mixed Deciduous Fruits	22	37	44	26	62	60	99		
Vegetables									
Potatoes	13,125	17,328	14,200	15,422	12,386	13,870	15,467	17,697	11,229
Cabbage	1,162	683	1,274	1,432	1,473	3,174	1,964	2,523	1,832
Celery	188	161	211	399	197	125	222	211	305
Onions	2,241	1,460	1,758	1,809	1,064	928	651	447	150
Lettuce	2,368	2,848	2,795	3,096	1,036	1,436	812	234	129
Mixed vegetables	3,780	3,444	3,473	4,111	3,428	2,880	2,178	1,042	1,351
Cauliflower	843	411	220	191	61	101	4	3	
Cantaloupes	2,106	2,995	3,574	3,224	2,654	2,195	4,420	3,288	2,482
Watermelons	35	34	71	80	56	55	148	149	67
Misc. melons	679	985	1,534	613	575	111			
Dry beans	1,259	1,710	1,866	2,927	1,316	1,732	427	486	333
Peas, green	348	149	58	35					
Carrots	216	10	62	29	26	12	4	9	1
Spinach	6	8	10	18	3				
Tomatoes	59	20	27	195	77	128	94	38	135

CARLOT SHIPMENTS OF COLORADO FRUITS AND VEGETABLES

Note: Shipments for the 1928 crop of fruits and vegetables, where shipping is not completed, cover shipments to April 22, 1929; bean shipments cover period Sept. 1, 1928, to March 31, 1929.

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

	CROP OF										
COUNTY	*1928	1927	1926	1925	1924						
Adams	18	23	23	18	10						
Arapahoe	65	155	103	158	67						
Crowley	31	32	11	40	8						
El Paso	176	315	255	427	210						
Elbert	102	138	117	255	183						
Larimer	6	2	15	28	8						
Las Animas	33	14	37	17	20						
Lincoln	82	99	51	87	58						
Logan	10	16	20	37	17						
Mesa	70	68	30	23	4						
Morgan	101	223	180	309	136						
Otero	76	172	133	98	35						
Pueblo	4	84	49	79	21						
Weld	300	344	827	1,336	530						
Other counties	171	15	9	15	14						
Total Colorado	1,245	1,700	1,860	2,927	1,316						
United States	11,364	13,643	17,086	19,725	14,924						

\*1928 crop shipments only to Feb. 28, 1929.

### NUMBER AND SIZE OF FARMS AND FARM TENURE, 1928

COUNTY	No. of Farms	Average No. of Acres Per Farm	Total Farm Acreage	Owners	Renters	Home- steaders	Owners and Renters	Renters, Per cent of Total
Adams	1.410	273.18	385,190	739	500		171	35.46
Alamosa	350	278.26	97,390	241	99		10	28.28
Arapahoe	750	343.40	257,550	428	207		115	27.60
Archuleta	240	442.45	106,190	180	50		10	20.83
Baca	860	562.86	484,060	396	226	4	234	26.28
Bent	690	360.86	248,990	302	342	11	35	49.57
Boulder	980	128.67	126,100	467	425		88	43.37
Chaffee	230	258.08	59,360	167	63			27.39
Cheyenne	620	582.94	361,420	347	224	5	44	36.13
Clear Creek	35	344.00	12,040	27	7	1		20.00
Conejos	650	174.69	113,550	989 177	107			10.00
Crowley	560	168.84	94,550	209	313		34	55.80
Custer	310	613.45	190,170	207	54	15	34	17.42
Dolta	1 690	70.02	124.960	1 020	192	79	00	00 75
Denver	1,000	15.54	104,200	1,055	400	14	00	20.16
Dolores	160	367.31	58,770	77	22	32	29	13.74
Douglas	390	709.97	276,890	235	138		17	35.38
Eagle	450	231.98	104.390	385	35	27	3	7.78
Elbert	1,190	668.74	795,810	618	393		179	33.03
El Paso	1,290	532.81	687,330	706	462	9	113	35.81
Fremont	950	156.13	148.320	746	154	12	38	16.21
Garfield	000	100.05	170,020		101			
Gilpin	860	198.35	170,580	570	260	13	17	30.23
Grand	330	572 55	188 940	303	27	0	1 1	25.71
Gunnison	330	415.76	137,200	287	17	19	7	5.18
Hinsdale	40	992 75	9.050	97	9	1		
Huerfano	680	433.65	294,880	645	16	19		23.52
Jackson	250	800.00	000 100	001		10		20.00
Jefferson	350	809.08	283,180	331	270	13		1.71
Kiowa	1,220	155.05	104,700	007	210		00	22.10
Kit Carson	500	492.84	246,420	240	167		93	33.40
Teles	1,460	919-90	151,090	999	614	1	286	42.08
Lake	30	501.67	15,050	25	5			16.67
Larimer	830	259.17	215,110	498	270	4	58	32.5
Las Animas	1,080	190.61	291,640	608	202		27	40.00
Lincoln	1,190	551.09	655,800	537	375	5	273	31.5
Logan	2,050	373.06	764,770	690	1,126	8	226	54.9
Mesa	2 275	61 31	139 490	1 645	579	14	4.4	25.1
Mineral	30	733.66	22,010	29	012	1		20.1
Moffat	720	481.18	346,450	520	87	62	51	12.0
Montezuma	540	200.33	108,180	348	134	10	48	24.8
Mongan	1,220	118.98	145,150	728	380	34	78	31.1
BIOIgan	1,470	209.00	440,040	906	100	2	129	51.22
Otero	1,180	115.41	136,180	560	582	3	35	49.3
Ouray	100	220.19	36,030	114	46			28.7
Park	240	949.50	227,880	189	33	18		13.7
Phillips	710	511.77	363,360	150	329		231	46.3
Pitkin	950	288.78	40,400	410	32			26.0
Pueblo	1,340	424.23	568,474	835	408		97	30.4
D' Discot	420	565 81	227 640	420				
Rio Blanco	410	293.46	120.320	264	113		33	27.5
Routt	820	339.37	278,280	641	154	20	5	18.78
Somucho	340	274 88	197 460	197	150		2	44.14
San Juan	540	514.00	121,400	101	150		0	
San Miguel	350	475.28	166,350	315	10	23	2	2.8
Sedgwick	580	290.14	168,280	255	266		59	45.80
Summit	65	371.54	24,150	64	1			1.54
Teller	250	385.68	96,420	181	52	15	2	20.8
Washington	1.650	597.81	986.390	516	629	2	503	38.1
Weld	4,600	257.40	1,184,060	1,729	2,419		452	52.5
Vume	1.750	535.77	937,610	770	614	1	366	35.0
1 Unid								
State	48,900	339.42	16,598,110	26,961	16,774	501	4,664	34.3

\*Report incomplete.

# FARM ACREAGE REPORTED UNDER VARIOUS TENURES AND TOTAL AREA CULTIVATED, 1928

COUNTY	Acreage Owners	Acreage Renters	Acreage Home- steaders	Acreage Owners & Renters	Total Farm Acreage	Total Acreage Under Cultivation	Cult. Area % of total Area
Adams	121,970	151,840		111,380	385,190	193,181	23,92
Alamosa	73,470	22,300		1,620	97,390	63,928	13.74
Arapahoe	126,950	79,410		51,190	257,550	117,284	21.76
Archuleta	01,900	10,250		1,940	106,190	22,030	2.82
Baca	196,400	116,020	730	170,910	484,060	160,470	9.83
Bent	109,350	89,520	3,250	46,870	248,990	78,315	8.03
Bouider	50,400	63,810		11,890	126,100	70,865	14.49
Chaffee	43,900	15,460			59,360	20,484	2.95
Cheyenne	235,660	94,950	1,290	29,520	361,420	120,780	10.62
Coneios	11,160	800	80		12,040	1,446	0.58
Costilla	18 160	4,480		5 060	113,550	68,860	8.59
Crowley	35,940	50,760	800	7,050	94.550	57 951	11 21
Custer	124,150	25,650	7,120	33,250	190,170	30,482	6.38
Delta	83 240	28 040	5 370	6 710	194.900	ED CER	COF
Denver	55,240	50,540	0,010	0,710	134,200	52,057	0.89
Dolores	23,380	6,310	9,720	19,360	58,770	9,800	1.47
Douglas	160,890	102,070		13,930	276,890	50,175	9.27
Eagle	85,420	9.870	8.160	940	104.390	30 379	2 93
Elbert	413,190	220,530		162.090	795.810	203,420	17.12
El Paso	353,690	227,160	60	106,320	687,330	149,388	11.01
Fremont	112,260	25,680	3.240	7,140	148,320	21 443	2 15
Confield	100.000	<b>1</b> 0,000	0,210	1,110	140,020	21,110	2.10
Cilnin	109,080	51,200	5,710	4,590	170,580	61,237	3.08
Grand	172 700	16 240	1,070	330	12,300	1,719	2.03
Gunnison	119,990	6.510	5,980	4.720	137,200	48,784	2.39
Hingdala	9 750	000		-,	0.050	0,701	
Huerfano	280 350	6 930	2 300	5 300	294 880	3,580	0.57
	200,000	0,000	2,000	, 0,000	201,000	20,000	2.02
Jackson	280,120	1,500	1,560	10.550	283,180	77,550	7.42
Jenerson	115,410	40,580		10,770	164,760	56,729	10.97
Kiowa	110,300	77,250		58,870	246,420	96,980	8.42
Kit Carson	242,880	303,400	220	210,590	757,090	377,700	27.33
Lake	12,730	2,320			15,050	7,530	3.17
La Plata	130,820	62,730	1,530	20,030	215,110	50,323	4.25
Larimer	151,650	134,150	C 070	5,840	291,640	142,726	8.48
Las Animas	242 220	180.970	590	04,000	365,300	52,503	16.09
Logan	226,650	376.250	1.680	160,190	764,770	443,446	38.03
N.	05 090	90 540	0.770		100,400	54.04F	0.00
Mineral	90,800	32,340	3,770	7,350	139,490	3 240	3.69
Moffat	242.820	42.500	27.270	33,860	346,450	56,305	1.89
Montezuma	61,910	26,570	3,910	15,790	108,180	43,450	3.31
Montrose	87,240	46,000	1,710	10,200	145,150	72,415	4.99
Morgan	170,600	200,790	350	68,300	440,040	235,635	28.59
Otero	63,410	66,170	50	6,550	136,180	71,257	8.84
Ouray	23,800	12,230			36,030	14,245	4.29
Park	198,800	19.340	9.740		227.880	46.258	3.22
Phillips	76,300	167,150		119,910	363,360	201,620	45.79
Pitkin	40,080	5,320			45,400	14,730	2.26
Provers	187,740	113,120	260	37,550	338,670	111,487	10.69
r debio	418,790	98,890		50,790	568,470	101,303	0.00
Rio Blanco*	237,640				237,640	47,540	2.30
Rio Grande	78,320	25,400		16,600	120,320	89,823	15.63
Routt	217,060	52,870	5,570	2,780	278,280	81,623	5.52
Saguache	89,240	34,320		3,900	127,460	88,193	4.40
San Juan	155 070	1 010			100.050	00.015	2 40
Sedgwick	65 320	75 680	8,000	27 280	168 280	130 566	38.42
Summit	23,990	160		21,200	24.150	9,590	2.31
Tollor	77.950	16.940	0.000		00 400	17 690	5.02
rener	11,250	10,840	2,330		96,420	17,620	0.03
Washington	247,390	313,720	130	425,150	986.390	453.020	28.08
Weld	386,390	541,690	130	255,850	1,184,060	626,597	24.34
Yuma	375,310	288,120		274,180	937,610	395,930	26.12
Ctata	8 637 300	4 919 200	130.660	2 010 950	16 509 110	6 342 655	9.56
DLave	0,001,000	1,010,000	100,000	2,510,800	10,005.110	0,040,000	0.00

\*Report incomplete.

			20	50	100	175	260	500		9	ver
COUNTY	Less Than Acres	3 to 1 Acres	10 to Acres	20 to Acres	50 to Acres	100 to Acres	175 to Acres	260 to Acres	500 to 1000 Acres	1000 5000 Acres	Acres and O
Adams	15	149	133	145	160	266 185	72	251 95	144	62 5	13
Arapahoe Archuleta	19 	93 2	56	70 5	45 23	87 80	30 25	178 70	133 19	32 5	7 11
Baca Bent Boulder	  3	 3 7	<u>5</u> 28	5 31 98	3 98 320	37 225 366	20 78 95	440 144 60	269 62 3	74 26	12 18
Chaffee Cheyenne		3	14	17	17	63 43	39 14	54 358	17 171	6 26	
Clear Creek Conejos		$3 \\ 14$	$\frac{4}{34}$	1 118	7 138	4 190	6 56	7 56	1 36	1 4	1 4
Costilla Crowley Custer		16 8	44 7 1	102 81 3	73 137 10	$55\\149\\54$	32 40 32	31 110 96	5 24 64	$\begin{array}{c} 2\\ 1\\ 32 \end{array}$	
Delta	20	81	197	566	370	285	82	70	8	1	
Dolores			  1	6	8	34	10	82 128	21	5	7
Eagle		6	7	20	57	175	51	95	34	4	1
Elbert El Paso			17	5 22	15 44	116 162	72 86	506 553	308 291	122 95	45 30
Fremont	60	340	155	126	35	64	25	72	49	10	14
Gilpin			44	104 2	142	260	86 3	139 13	50	14 2	
Gunnison				8	9	66	45	112	73	15	2
Hinsdale Huerfano		42	1 9	34	2 67	17 140	$\frac{1}{76}$	$\frac{13}{232}$	2 66	29	25
Jackson Jefferson	28	292	252	1 160	2 111	78 148	<b>23</b> 59	76 93	78 54	63 17	29 6
Kiowa Kit Carson		3	2	$\frac{1}{2}$	2 5	$\begin{array}{c} 34 \\ 152 \end{array}$	10 50	308 742	112 393	32 99	1 12
Lake La Plata			3	1	1 144	6 265	1	9 189	11		1
Larimer		74 20	77 33	170 110	320 112	483	154	146	76 162	23	7
Lincoln				$\frac{3}{27}$	$\begin{array}{c} 15\\136\end{array}$	$\begin{array}{c}134\\475\end{array}$	92 205	457 748	364 300	105 97	20 13
Mesa	18	291	532	718	347	206	58	82	21	2	
Moffat		1	1	11 38	8 92	$\tilde{77}$ 231	32 43	$351 \\ 117$	195	34 2	11
Montrose Morgan	4	43	56 2	265 36	324 229	337 427	94 125	73 457	22 154	2 36	
Ótero Ouray	4	38	88 1	296 8	345 22	260 66	54 18	56 37	30 5	8 3	1
Park Phillips		1	2	3	8 5	$\begin{array}{c} 50\\57\end{array}$	$\begin{array}{c} 10\\ 35\end{array}$	39 352	63 220	41 40	2
Prowers Pueblo	5	<u>1</u> 44	3  144	7 17 239	12 105 190	41 261 175	21 109 84	55 345 251	20 92 146	1 17 42	
Rio Blanco Rio Grande Routt		  3	 1 	7 3 10	20 26 23	53 157 237	74 41 75	140 145 342	88 32 117	24 4 12	14
Saguache San Juan				5	9	147	17	104	28	25	6
San Miguel				6	15 50	96 150	26	134	51 112	21	
Summit				2	. 2	25	3	17	12	3	1
Washington			1	9	21	140	51	64 731	38 497	10	28
Yuma				176	959	1,630	426 117	889	381 470	85 134	22
State	_ 192	1,602	1,983	3,947	5,508	10,310	3,476	13,008	6,478	1,882	51

NUMBER OF FARMS REPORTING PRINCIPAL CROPS IN 1928.

COUNTY	Corn	Oats	Barley	Winter Wheat	Spring Wheat	All Rye	Pota- toes	Grain Sor- ghums	Sweet Sor- ghums	Al- falfa	Sugar Beets
Adams	833	281	619	552	531	71	121	136	119	601	181
Alamosa		275	207		182		286			328	30
Arapahoe	484	107	277	373	196	61	22	118	74	350	27
Archuleta	35	154	37	3	130	2	48			152	
Baca	765	51	163	135	42	4	2	811		20	
Bent	566	70	214	198	16 620		3	200	45	452	111
Dourder	020	110		002	020			-		020	000
Chattee	592	24	142	24	147	4	166	589		152	
Clear Creek	1	19	3				14			5	
Conejos	5	150	225		189		285			324	9
Crowley	453	03 88	124	53 14	32	3	110	109	105	226	290
Custer	49	180	165	21	107	37	254			55	
Delta	808	487	320	102	585	4	378			1.290	255
Denver											
Dolores	117	89	55	26	57	17	67	5	34	15	1
Douglas	004	210	110	115	100	54	00		30	241	
Eagle	1.074	166	75	494	122	2	197		260	257	2
El Paso	1,128	630	127	126	183	280	274	204	61	144	14
Froment	307	122	110	43	86	22	79	7		371	2
r remont	170	405	950	40	E10	14	E01			795	-
Garfield	1/2	405	250	40	312	4	33	1	9	135	98
Grand		94	32	10	19	19	55			27	
Gunnison	2	95	92	6	31	6	206			57	
Hinsdale			5				21				
Huerfano	330	108	125	29	31	4	14		42	248	
Jackson		14	10	200	211	3	10			680	
Jenerson	200	040	100	200	511	10	210	-		000	
Kiowa	459		30	14 675	13	148	906	371	420	16	7
Kit Carson	1,010	2.13	1,000	0.0		110	000	2,010	101		-
Lake	245	442	341	51	575	3	513	2		715	
Larimer	656	455	885	371	864	17	154		6	1,110	457
Las Animas	774	267	142	100	100	12	44	308	123	338	25
Lincoln	1,052	124 593	1 381	419	312	98 283	590 638	556	344	123	424
Loguinesse	1,000		1001		- 100 F 4F	1.00	500		101	1 (01	
Mesa	1,200	10	189	. 320	545	14	557	29	D	1,431	201
Moffat	151	263	101	144	246	202	251	7	9	378	5
Montezuma	272	256	156	52	277	19	357	22	50	340	
Montrose	1.040	265	263	240	277	110	234	237	204	687	518
Otana	807	404	2.02	190	144	2		170	2	045	590
Ouray	1	77	48	9	55	0	46			36	
Park		160	81	1	24	30	71		2	1	2
Phillips	642	456	507	562	66	152	56	279	237	18	
Pitkin	740	122	24		79	1	145			93	19/
Pueblo	1.023	198	208	209	107	13	4	421	30	807	353
Rio Blanco		196	22	63	160	10	26			246	
Rio Grande		238	227		166		372			247	1
Routt	1	444	335	45	251	18	368	1	1	208	1
Saguache		216	176	136			271			140	34
San Juan	54	151	205								
Sedgwick	375	234	372	364	18	.87	170	21	159	157	167
Summit		18	12	4		8	27			3	1
Teller	1	229	65		8	9	202			6	
Washington	1,482	389	1,227	910	422	266	349	528	567	103	50
Weld	2,523	1,603	3,078	1,408	2,113	287	1,926	210	434	2,921	1,585
Yuma	1,697	354	739	641	131	264	518	720	629	70	4
State	27,784	14,887	18,714	11.507	13,145	2,973	13.410	7.366	5.073	21,780	6,143
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### PERCENTAGE OF TOTAL NUMBER OF FARMS REPORTING PRINCIPAL CROPS, 1928

COUNTY	Corn	Oats	Barley	Winter Wheat	Spring Wheat	All Rye	Pota- toes	Grain Sor- ghums	Sweet Sor- ghums	Al- falfa	Sugar Beets
Adams Alamosa	59.08	19.93 78.57	43.90 59.14	39.16	37.66 51.99	5.04	8.58 81.71	9.65	8.44	42.62 93.71	12.84 8.57
Arapahoe Archule <b>ta</b>	$64.52 \\ 14.58$	$\begin{array}{c} 14.26\\64.17\end{array}$	36.92 15.42	49.72 1.25	$\begin{array}{c} 26.13\\ 54.17\end{array}$	8.13 0.83	2.93 20.00	15.73	9.86	46.67 63.34	3.60
Baca Bent Boulder	88.99 82.01 63.85	5.93 10.14 41.82	$     18.96 \\     31.01 \\     57.83 $	15.70 28.69 51.20	$4.88 \\ 2.32 \\ 64.16$	0.47	0.24 0.43 5.61	94.32 28.98 0.20	6.52	2.33 65.49 83.64	16.08 31.11
Chaffee Cheyenne	95.49	51.74 3.87	61.74 27.90	3.87	63.92 2.42	1.74 0.65	72.18 0.81	0.43 95.00		66.09 3.23	
Clear Creek Conejos	2.86 0.77 7.22	$54.34 \\ 23.07 \\ 17.50$	8.58 34.61 51.67	14.72	29.07 51.67	0.83	40.04 43.83 32.78			14.30 49.83 62.78	1.38
Crowley Custer	80.91 15.81	15.72 58.07	22.15 53.23	2.50 6.77	5.72 3 <b>4.5</b> 2	0.19 11.94	1.96 81.94	19.47	18.75	73.94 17.74	51.79
Delta Denver	48.09	28.99	19.05	6.07	34.82	0.24	22.50			76.78	15.18
Dolores Douglas	$\begin{array}{c} 73.13\\ 85.64\end{array}$	55.63 69.99	34.38 28.20	16.25 45.90	35.63 20.77	$10.63 \\ 23.59$	41.88 17.44	3.12 1.03	21.25 7.69	9.38 63.33	0.63
Eagle Elbert El Paso	90.25 87.44	36.89 38.49 48.84	$16.67 \\ 27.23 \\ 9.84$	$     \begin{array}{r}       1.33 \\       41.51 \\       9.77     \end{array} $	27.11 29.83 14.19	0.44 19.07 21.71	43.77 26.64 21.24	0.25 15.81	30.42 4.73	57.11 26.05 11.16	0.44
Fremont	32.33	12.84	11.58	4.52	9.05	2.31	8.31	0.73		39.06	0.21
Garfield Gilpin Grand	20.00	47.10 88.66 28.48	29.08 11.44 9.70	4.65 2.86	59.55 8.58 5.76	$1.63 \\ 11.44 \\ 5.76$	58.27 94.38	0.12	0.58	85.48 5.72 8.18	11.05
Gunnison	0.60	28.78	27.88	1.82	9.39	1.82	62.42			17.27	
Huerfano	48.54	15.89	12.50	4.27	4.56	1.03	2.06	1.03	6.18	36.48	0.15
Jefferson	24.51	4.00 28.36	2.86	0.29	25.49	0.86	2.86	0.16		2.00 55.74	3.61
Kit Carson	91.80 94.24	18.79	6.00 72.53	2.80 46.23	2.60 12.12	0.20	2.20 62.05	74.20 69.52	84.00 12.60	3.20 2.94	0.07
Lake La Plata Larimer	29.52 42.88	53.26 29.73	41.09 57.84	6.14 24.25	69.29 56.47	0.36	61.82 10.06	0.24	0.39	86.16 72.55	1.09 29.87
Las Animas	71.66 88.40	24.72 10.42	$13.15 \\ 42.44$	9.26 35.21	9.26 26.22	1.11 8.23	4.07 49.58	28.52 46.72	11.39 28.91	31.29 10.34	2.31
Logan	68.19	28.93	67.37	51.22	19.51	13.80	31.12	0.63	36.77	29.36	20.68
Mesa	56.40	23.52 33.33	8.31 39.99	14.07	23.96	0.62	$23.61 \\ 16.67$	1.27	0.22	62.91 6.66	8.84
Moffat Montezuma	20.97 50.37	$36.53 \\ 47.41$	14.03 28.89	20.00 9.63	34.17 51.30	28.06 3.52	34.86 66.12	0.97 4.07	1.25 9.26	52.50 62.97	9 69
Montrose Morgan	51.48 70.75	42.62 18.03	$21.56 \\ 55.85$	7.87 16.33	60.17 18.84	7.48	54.84 15.92	16.12	0.09 13.88	87.46 46.74	$17.62 \\ 35.24$
Otero Ouray	76.02 0.63	34.24 48.13	25.68 30.00	15.25 5.63	$\begin{array}{r} 12.20\\34.38\end{array}$	0.25	$\begin{array}{c} 1.78\\ 28.75\end{array}$	14.41	0.17	80.09 22.50	49.15
Park Phillips	90.39	66.67 64.20	$33.75 \\ 71.37$	0.42 79.13	10.00 9.29	$12.50 \\ 21.40$	29.59 7.88	39.28	0.83 33.37	0.42 2.53	0.83
Pitkin Prowers Pueblo	78.76	76.25 8.95 14.78	15.00 27.17 15.97	27.06	49.38 5.69 7.98	0.63 0.11 0.95	90.63 0.43 0.30	44.33	3.16	58.13 53.28 60.18	0.63 14.11 26.34
Rio Blanco		46.67	5.24	15.00	38.10	2.38	6.19			58.57	
Rio Grande Routt	0.12	$\begin{array}{c} 58.05\\ 54.16\end{array}$	55.37 40.87	5.49	40.49 30.62	2.20	90.73 44.90	0.12	0.12	60.24 25.38	0.25 0.12
Saguache		63.53	51.76	40.00			79.70			41.17	10.00
San Miguel Sedgwick Summit	15.43 64.65	43.14 40.34 27.72	58.57 64.13 18.48	$     \begin{array}{r}       11.13 \\       62.75 \\       6.16     \end{array} $	13.71 3.10	2.00 15.00 12.32	13.71 29.31 41.58	6.00 5.00	27.41	32.00 27.07 4.62	28.79 1.54
Teller	0.40	91.60	26.00		3.20	3.60	80.80			2.40	
Washington Weld	89.82 54.85	23.58 34.85	74.37 66.92	55.15 30.61	25.58 45.94	$\begin{array}{r}16.12\\6.24\end{array}$	$\begin{array}{c} 21.15 \\ 41.87 \end{array}$	32.00 4.56	34.37 9.44	6.24 63.50	3.03 34.46
Yuma	96.97	20.23	42.23	36.63	7.49	15.08	29.60	41.14	35.94	3.99	0.23
State	56.82	30.44	38.27	23.58	26.88	6.08	27.42	15.06	10.37	44.54	12.56

### AVERAGE NUMBER OF ACRES OF PRINCIPAL CROPS FOR EACH FARM REPORTING SUCH CROPS IN 1928

COUNTY	Corn	All Oats	Barley	Winter Wheat	Spring Wheat	All Rye	Pota- toes	Grain Sor- ghums	Sweet Sor- ghums	Alfalfa
Adams	41.42	17.04	32.37	90.57	51.98	36.05	6.28	23.16	19.49	25.41
Alamosa		17.05	22.85		16.48		21.05			60.18
Archuleta	49.59	24.11 22.27	8.65	90.05 16.63	10.00	10.00	5.63	15.68	21.89	42.31 35.53
Baca	45.75	24.12	39.63	103.70	71.43	112.50		84.12		45.00
Bent Boulder	42.93 11.18	22.57 5.68	15.18 9.29	22.22 21.91	$\begin{array}{r}15.62\\18.28\end{array}$	$\begin{array}{c} 5.00\\ 12.73\end{array}$	3.33 3.64	54.70	2.44	58.07
Chaffee		12.77	13.52		10.20	12.50	3.80			49.07
Cheyenne	114.86	27.50	36.99	62.50	73.33	122.50	14.00	46.57	50.00	32.00
Conejos	6.00	39.60	26.97		32.28	10.00	12.42			42.25
Costilla	2.69	25.56	13.55	9.43	12.37	26.65	3.14			32.65
Crowley	28.69	13.75	10.72	25.00	15.63	50.00	1.81	17.79	19.33	40.68
Delta	5 20	8 05	6.84	9.80	8.72	5.00	3.20			23.38
Denver										
Dolores Douglas	19.66 40.12	$\begin{array}{r} 16.40\\ 30.55\end{array}$	12.00 19.00	38.46 37.43	$\begin{array}{c} 31.58\\ 20.37\end{array}$	19.41 22.61	4.48 2.06	12.00 12.50	10.29 8.66	14.67 31.01
Eagle		17.29	6.93	8.33	10.66	15.00	9.04			37.12
Elbert	45.25	17.03	30.86	73.89	59.15	29.25	2.43	50.00	9.31	38.00
El Paso	45.61	29.60	11.73	23.81	21.86	25.25	3.65	14.66	12.30	52.43
r remont	11.40	26.22	9.00	9.30	8.72	16.36	5.32	7.14		18.36
Garfield	9.30	7.23	6.72	12.50	13.28	10.71	7.33	10.00	14.00	54.05
Grand		13.30	12.81	20.00	5.26	19.47	2.91			18.52
Gunnison		18.84	6.20	5.00	4.19	8.33	1.60			50.70
Hinsdale Huerfano	13.33	37.96	6.00 12.08	51.71	9.68	41.43	$\begin{array}{r} 4.76\\ 3.57\end{array}$	12.86	13.09	40.36
Jackson Jefferson	14.05	$12.85 \\ 17.83$	$\begin{array}{r} 6.00\\ 14.31 \end{array}$	38.28	23.47	20.00 14.66	$\frac{2.00}{3.07}$	5.00		5.00 26.07
Kiowa	115.47	90.00	50.31	78.57	53.85	56.66		45.98	33.00	129.38
Kit Carson	117.58	19.42	64.77	118.52	91.24	46.08	1.21	24.10	18.09	37.67
Lake	11 43	11.83	6.30	13 73	15.65	26.66	1.81	5.00		33 47
Larimer	14.48	17.76	13.12	36.12	24.31	14.71	4.94		6.66	44.68
Las Animas	17.44	11.43	10.63	30.00	8.00	27.50	2.27	21.20	15.37	27.31
Logan	70.10	19.26	46.00	139.05	55.00	51.02	2.66	96.92	14.72	34.00
Mesa	7.64	8.07	6.98	10.94	7.52	31.42	5.20	6.21	6.00	24.86
Mineral	12.01	71.00	8.33	01.04		05.04	2.00	10.07		5.00
Montezuma	13.91	44.64	9.62	31.94 34.62	29.27	25.84	4.10	5.00	5.80	51.12
Montrose	7.32	7.88	8.48	12.50	14.58	16.00	8.74			31.19
Morgan	74.03	22.19	26.99	90.00	51.99	30.00	13.21	22.49	20.54	35.68
Otero Ouray	12.93	$\begin{array}{r} 7.97 \\ 13.90 \end{array}$	8.51 17.70	12.78 16.66	$\begin{array}{c} 11.11\\ 30.91 \end{array}$	$\begin{array}{c} 23.33\\ 10.00 \end{array}$	$1.43 \\ 9.57$	17.18	5.00	23.12
Park		23.19	16.67	200.00	4.17	12.33	19.30			30.00
Phillips	93.46	29.12	41.77	140.57	56.06 7.22	32.89	1.61 8.41	5.77	22.83	65.56
Prowers	33.02	24.00	18.87	35.02	25.92	19.00	10.00	55.27	62.00	66.70
Pueblo	24.63	11.31	12.19	38.28	15.88	18.45	2.50	19.82	18.00	29.78
Rio Blanco	50.00	20.82	19.54	65.08	20.63	148.00	3.08			70.85
Routt	50.00	31.80	14.24	37.78	37.45	27.22	3.89			41.29
Saguache		26.30	17.21	13.60	21.66	50.00	25.39			52.86
San Juan	11.11	47-62	21.66	17.95	12 50	41.43	11.90	6.19		72.14
Sedgwick	77.33	20.59	42.58	148.90	83.33	45.52	3.00	48.27	7.74	26.17
Summit		14.44	5.00	5.00		7.50	1.48			16.66
Teller		42.40	12.77	50.00	12.50	21.11	9.55			25.00
Washington Weld	96.49 31.71	27.02 13.36	61.37 23.18	$123.41 \\ 42.62$	86.97 34.17	41.17 36.13	$3.27 \\ 16.73$	22.22 17.71	21.59 15.67	40.48 36.13
Yuma	120.80	19.44	44.37	112.32	88.54	54.73	1.56	22.58	19.87	35.57
State	51.76	19.35	29.23	80.21	31.64	35.99	8.21	34.75	18.53	36.04

### PER CENT OF CULTIVATED AREA DEVOTED TO PRINCIPAL CROPS, 1928

COUNTY	Corn	Winter Wheat	Spring Wheat	All Oats	Barley	All Rye	All Sor- ghums	Potatoes	Sugar Beets
Adams Alamosa Arapahoe Archuleta	17.88 20.46 0.90	25.92 28.63 0.23	14.21 4.69 11.08 5.90	2.48 7.34 2.19 15.57	10.38 7.40 7.86 1.45	1.33 1.24 0.09	2.84 2.96	0.39 9.39 0.03 1.23	3.42 0.61 0.57
Baca Bent Boulder	21.79 31.03 9.88	8.72 5.62 15.52	1.87 0.32 16.23	0.77 2.02 3.29	$4.02 \\ 4.15 \\ 7.44$	0.28 0.03 0.20	42.51 14.11 	0.01 0.28	2.68 10.72
Chaffee Cheyenne Clear Creek Conejos Constilla	56.30 0.04 0.19	1.24	7.32 0.91 8.86 6.30	7.42 0.55 24.21 8.62 4.41	9.38 5.30 0.69 8.81 6.90	0.24 0.41 0.06 0.22	24.36	3.08 0.06 2.07 5.14 1.01	0.29
Crowley Custer	22.44 2.95	0.60	0.86 4.59	2.09 13.22	2.30 7.38	0.09 1.51	6.85 0.20	0.03 6.00	12.17
Delta Denver Dolores Douglas	7.98 23.47 26.71	1.91 10.21 13.35	9.69 18.36 3 29	7.45	4.16 6.73 4.16	0.04	4.18	2.30	4.47
Eagle Elbert El Paso	23.89	0.16 17.94 2.01	4.28 10.32 2.68	9.45 3.83 12.47	1.71 4.91 0.99	0.09 3.26 4.73	2.67	5.86 0.38 0.67	0.10
Fremont	16.33	1.87	3.50	14.93	4.62	1.68	0.23	1.96	
Garfield Gilpin Grand Gunnison	2.61	0.82 0.50 0.06	11.10 0.25 0.27	4.78 40.14 3.11 3.67	2.74 1.16 1.02 1.17	0.24 1.16 0.92 0.10	0.13	5.99 6.98 0.40 0.68	2.61
Hinsdale Huerfano	15.67	5.34	1.07	0.28 14.60	28.49 5.38	1.03	2.28	2.79 0.18	
Jackson Jefferson	7.40	14.10	12.87	0.24 10.88	0.08 4.92	0.08 0.39	0.02	0.02 1.46	1.71
Kiowa Kit Carson	$\begin{array}{c} 54.64\\ 42.84\end{array}$	$\begin{array}{c} 1.13\\ 21.18\end{array}$	0.72 4.28	0.65 1.41	$\begin{array}{c} 1.56\\ 18.16\end{array}$	0.18 1.81	31.88 7.36	0.29	
Lake La Plata Larimer Las Animas Lincoln Logan	5.56 6.66 25.81 28.71 22.10	$     \begin{array}{r}         \hline             1.40 \\             9.39 \\             5.73 \\             23.48 \\             32.92 \\         \end{array}     $	17.88 14.72 1.53 10.16 4.96	0.40 10.39 5.66 5.82 1.18 2.58	4.27 8.14 2.88 9.23 14.33	0.16 0.18 0.63 1.38 3.26	0.02 0.03 16.09 7.72 2.79	1.85 0.53 0.19 0.43 0.38	11.63 0.38 5.13
Mesa Mineral Moffat Montezuma Montrose Morgan	13.09 3.72 9.19 6.35 32.68	$4.68 \\ \overline{8.17} \\ 4.14 \\ 1.66 \\ 9.17 $	5.48 12.79 16.09 14.78 6.11	5.77 21.91 20.85 10.51 5.66 2.50	$     \begin{array}{r}       1.76 \\       3.09 \\       2.09 \\       3.45 \\       3.08 \\       9.40 \\     \end{array} $	0.59 9.27 0.62 0.08 1.40	0.28 0.28 0.92 4.04	3.73 0.31 1.82 2.37 8.08 1.31	3.14 0.05 2.76 9.76
Otero Ouray	16.27	3.23 1.05	2.24 11.93	4.52 7.51	3.62 5.97	0.10 0.21	4.11	0.04 3.09	14.17
Park Phillips Pitkin	29.75	0.43 39.16	0.21 1.83 3.85	8.02 6.58 12.29	2.92 10.50 1.22	0.80 2.48 0.20	3.48	2.96 0.04 8.28	
Pueblo	22.14 24.88	7.90	1.24 1.68	2.21	4.37 2.58	0.17	22.54 5.08	0.04	6.42
Rio Blanco Rio Grande Routt	3.99 0.06	8.62 2.08	$6.94 \\ 4.79 \\ 11.52$	8.58 9.22 17.30	$0.90 \\ 7.27 \\ 5.84$	3.11 0.06 0.60		0.17 19.22 1.75	0.02 0.01
Saguache San Juan		2.10	1.47	6.44	3.44	0.06		7.80	0.02
San Miguel Sedgwick Summit	2.12 22.21	2.48 41.51 0.21	2.12 1.15	25.43 3.69 2.71	$15.70 \\ 12.13 \\ 0.63$	1.03 3.03 0.63	0.46 2.01	0.88 0.39 0.42	6.33
Teller		1.14	0.57	55.10	4.71	1.08		10.95	
Washington Weld	$31.56 \\ 12.77$	24.78 9.58	8.10 11.52	$2.32 \\ 3.42$	16.62 11.38	2.42 1.66	5.29 1.68	0.25 5.14	0.36 8.55
Yuma	51.78	18.19	2.93	1.74	8.28	3.65	7.26	0.21	
State	22.65	14.55	6.56	4.54	8.62	1.69	5.52	1.73	2.82

### PERCENTAGE OF CROPS GROWN WITH AND WITHOUT IRRIGATION, 1928

	04	ATS	BAR	LEY	POTA	TOES	COI	RN	DRY B	EANS
COUNTY	Percent Irri- gated	Percent Non- Irri- gated	Percent Irri- gated	Percent Non- Irri- gated	Percent Irri- gated	Percent Non- Irri- gated	Percent Irri- gated	Percent Non- Irri- gated	Percent Irri- gated	Percent Non- Irri- gated
Adams	63.8	36.2	16.1	83.9	73.7	26.3	7.1	92.9	7.3	92.7
Arapahoe Archuleta	34.3 33.3	65.7 66.7	9.3 9.4	90.7 90.6	66.7 51.9	33.3 48.1	1.4 75.0	98.6 25.0	0.5	99.5
Baca Bent Boulder	75.0 81.6	100.0 25.0 18.4	0.3 91.3 91.5	99.7 8.7 8.5		100.0 10.0	58.6 65.3	$100.0 \\ 41.4 \\ 34.7$	0.7 36.8 42.1	99. <b>3</b> 63.2 57.9
Chaffee		100.0 100.0	100.0	100.0	100.0	100.0		100.0		100.0
Clear Creek Conejos	73.8	100.0 26.2	100.0	100.0	100.0	100.0	100.0		100.0	
Crowley Custer	100.0 42.2	57.8	100.0 100.0 47.6	52.4	50.0 13.1	50.0 86.9	52.5 2.2	47.5	29.4 100.0	70.6
Delta Denver	99.3	0.7	97.2	2.8	98 <b>.8</b>	1.7	99.3	0.7	75.0	25.0
Dolores Douglas	0.2	100.0 99.8	0.5	100.0 99.5		100.0 100.0		100.0 100.0		100.0 100.0
Eagle Elbert El Paso	96.6 0.8 2.8	33.4 99.2 97.2	92.3 1.5 14.8	7.7 98.5 85.2	97.8	2.2 100.0		100.0	0.1	99.9
Fremont	24.3	75.7	70.7	29.3	7.1	92.9	74.3	25.7	85.7	14.3
Garfield	86.9	13.1	89.8	10.2	94.0	6.0	80.6	19.4	94.4	5.6
Grand Gunnison	96.6 35.7	3.4 64.3	97.6 56.1	2.4 43.9	93.7 63.6	$     \begin{array}{r}       100.0 \\       6.3 \\       36.4     \end{array} $				
Hinsdale Huerfano	21.9	78.1	100.0 25.8	74.2	100.0	100.0	7.5	9.25	6.4	93.6
Jackson Jefferson	33.3 45.7	$66.7 \\ 54.3$	100.0 77.4	22.6	50.0 19.3	50.0 80.7	50.5	49.5	28.0	72.0
Kiowa Kit Carson		100.0 100.0		100.0 99.8		100.0	0.1	100.0 99.9		100.0 100.0
Lake La Plata Larimer Las Animas Lincoln	80.0 85.9 49.8	20.0 14.1 50.2 100.0	73.4 90.8 58.3	26.6 9.2 41.7 100.0 77 1	76.3 86.8 0.9 24.7	23.7 13.2 100.0 99.1 75.2	75.7 62.8 14.5	24.3 37.2 85.5 100.0 93.5	17.4 59.3 30.2 1.2 14.2	82.6 40.7 69.8 98.8 85.8
Mesa	91.4	8.6	93.1	6.9	72.1	27.9	92.8	7.2	88.9	11.1
Montezuma	$     \begin{array}{r}         11.3 \\         73.6 \\         92.9 \\         54.0         \end{array}     $	88.7 26.3 7.1 46.0	100.0     12.7     70.7     84.3     48.7	87.3 29.3 15.7 51.3	1.0 62.1 92.5 96.1	99.0 37.9 7.5 3.9	2.4 31.5 98.9 11.1	97.6 68.5 1.1 88.9	3.5 100.0 17.4	100.0 96.5 82.6
Otero	99.0 73.2	1.0 26.8	95.3 23.5	4.7 76.5	66.7 43.2	$33.3 \\ 56.8$	88.3	11.7	95.8	4.2
Park Phillips		100.0 100.0		100.0 100.0	4.4	95.6 100.0		100.0		100.0
Pitkin Prowers Pueblo	100.0 69.5 47.8	30.5 52.2	100.0 62.8 78.5	37.2 21.5	100.0 25.0 100.0	75.0	44.0 35.1	56.0 64.9	52.2 25.2	47.8 74.8
Rio Blanco Rio Grande Routt	46.7 100.0 12.6	53.3  87.4	4.7 100.0 5.9	95.3 94.1	12.5 100.0 3.5	87.5 96.5	52.6 100.0	47.4		100.0
Saguache	100.0		100.0		100.0					
San Miguel Sedgwick Summit	23.9 26.3 23.5	$76.1 \\ 73.7 \\ 76.5$	17.8 22.3	82.2 77.7 100.0	16.0 68.6 100.0	84.0 31.4	10.0 4.5	90.0 95.5	2.7 45.8	97.3 54.2
Teller		100.0		100.0		100.0				
Washington Weld	3.1 64.4	96.9 35.6	1.6 53.5	98.4 46.5	16.7 <sup>-</sup> 96.3	83.3 3.7	0.8 23.1	99.2 76.9	1.8 40.7	98.2 59.3
Yuma	0.1	99.9	1.5	98.5	4.9	95.1	2.4	97.6	0.4	99.6
State	44.6	55.4	26.1	73.9	80.9	19.1	9.5	90.5	17.3	82.7

### AVERAGE YIELD, IN BUSHELS, OF PRINCIPAL CROPS PER ACRE FOR FIVE YEARS ENDING WITH 1923

							1			
	WINTER WHEAT SPRING WHEA				CO	RN	BAI	RLEY	POTATOES	
COUNTY	Irri- gated	Non- Irri- gated	Irri- gated	Non- Irri- gated	Irri- gated	Non- Irri- gated	Irri- gated	Non- Irri- gated	Irri- gated	Non- Irri- gated
Adams Alamosa Arapahoe Archuleta	29.09 29.56 30.72	12.44 12.51 13.91	26.33 22.84 25.41 27.54	7.97 9.02 9.86	28.75 31.28 28.12	8.74 9.53 12.19	39.57 29.69 38.14 33.11	17.49 15.42 17.70	96.70 155.62 98.40 110.27	29.55 32.99 44.11
Baca Bent Boulder	22.62 32.10 32.51	$\begin{array}{c} 6.49 \\ 6.13 \\ 15.35 \end{array}$	14.82 27.72 28.67	4.28 5.12 11.37	28.00 36.09 27.63	7.99 8.55 10.99	29.88 38.28 42.19	9.36 11.33 20.32	78.18 119.29	24.55 21.06
Chaffee Cheyenne Clear Creek Conejos	29.49	7.68	25.96  22.07	5.44 10.00	22.00 32.00 24.07	12.00 8.89 9.00	35.57 34.00 33.21	12.09 21.00	110.86 96.25 147.72	26.67 27.12 <b>39.47</b>
Costilla Crowley Custer	29.75 30.77 28.33	$13.00 \\ 4.60 \\ 15.12$	22.47 24.37 23.39	7.36 7.00 9.97	22.96 35.07 22.73	9.38 8.54 9.56	32.59 35.56 , 32.09	9.78 14.95 12.96	$131.59 \\ 66.67 \\ 120.00$	<b>40.00</b> 32.94 51.25
Delta Denver Dolores	31.51  14.00	14.32 12.69	28.88	9.83 	35.14	12.90	39.89 38.00	16.68 15.04	126.11 	39.49 84.05
Douglas Eagle	24.88 35.42 25.79	14.07 14.88 14.55	24.13 33.21 23.32	10.67 13.39 10.10	28.90 26.00 26.00	11.02	33.11 45.44 35.26	18.59 18.83 16.64	 189.01 90.00	41.49 33.02 39.79
El Paso	29.36 29.63	13.71 9.20	25.28 28.12	9.04 8.84	27.47 35.94	10.09 9.56	35.70 40.86	14.43 13.11	9 <b>8</b> .09 107.81	48.85 83.65
Garfield Gilpin Grand	31.48 29.47 27.83	15.36  10.73 12.13	29.34 28.90 26.62	-11.09 8.96 11.61 11.81	31.49	14.08 12.00 10.22	39.99 40.73 36 15	16.13 18.45 20.70 14.91	170.38 143.99 144.25	44.36 32.04 40.18 44.82
Hinsdale Huerfano	28.94	10.56	26.00 20.78	7.00 6.23	26.86	7.76	35.31 36.03	16.45 14.61	117.85 134.59	34.55 49.20
Jackson Jefferson	37.00 31.92	9.86 15.04	26.00 30.04	7.00 10.44	20.66 28.88	10.40	$\begin{array}{r} 36.54\\ 40.76\end{array}$	22.53 16.95	122.77 120.50	41.52 39.89
Kiowa Kit Carson	30.00	8.20 8.51	27.00 26.00	4.91 7.02	27.00 27.93	8.82 9.31	35.63	8.72 13.67	90.76	28.97 40.31
La Plata Larimer Las Animas Lincoln Logan	$\begin{array}{r} 32.61\\ 34.77\\ 28.73\\ 29.94\\ 28.83\end{array}$	14.44 18.09 6.11 11.35 12.22	26.79 29.38 23.15 24.94 28.06	9.04 13.62 4.38 7.78 8.43	30.44 28.49 31.65 30.74 32.34	12.54 12.14 7.66 10.41 10.34	35.68 43.47 35.81 34.00 41.06	$     \begin{array}{r}       16.59 \\       21.06 \\       9.99 \\       14.07 \\       17.30     \end{array} $	121.46 148.12 129.28 85.00 146.29	43.94 36.96 41.75 39.72 35.74
Mesa Mineral Moffat Montezuma Montrose Morgan	31.54 30.33 27.38 31.92 30.30	11.53 17.07 12.68 13.67 10.52	28.48 26.48 24.75 30.09 29.03	9.31 11.94 8.51 10.53 7.68	34.79 22.30 28.63 34.42 33.54	10.81 10.35 12.68 15.61 9.92	37.44 35.06 41.13 33.79 40.43 44.07	13.00 22.28 14.66 15.20 15.25	110.85 105.53 141.33 109.44 144.30 156.82	30.99 45.02 34.45 40.14 32.28
Otero Ouray	32.77 32.75	7.67 14.97	29.03 29.02	5.83 11.68	35.33 27.13	7.53 12.00	$38.53 \\ 39.65$	11.23 14.03	79.79 141.78	43.81 39. <b>6</b> 3
Park Phillips Pitkin Prowers Pueblo	 27.71 31.50 30.83	10.40 13.22 6.84 11.22	24.06 26.00 33.19 26.28 27.40	8.50 8.61 10.46 4.99 6.74	 34.57 34.86	12.04 7.87 8.52	32.00 42.61 39.17 37.26	16.63 18.95 18.00 11.47 12.12	112.14 140.00 194.35 75.55 72.50	38.45 31.62 44.50 26.82 27.61
Rio Blanco Rio Grande Routt	32.89 30.00 32.26	18.71 20.58	30.47 24.78 29.19	15.32 17.84	26.64 24.00	13.43 12.82	42.09 34.40 43.28	24.63 26.57	150.61 179.92 175.97	49.96 66.35
Saguache San Juan San Miguel Sedgwick Summit	31.67 27.88 31.82 26.29	15.58 13.79 9.98	21.73 23.82 27.45 25.00	9.79 9.09 8.00	29.87 32.31	 14.74 12.52	34.46  36.61 41.76 26.20	 17.60 20.73 18.43	175.23 142.07 138.24 84.26	45.52 35.86 62.00
Teller Washington Weld	28.00 29.71 31.28	17.48 7.44 13.52	 25.75 28.15	10.61 5.69 9.52	23.00 31.29 30.83	6.34 8.97 11.69	 * 39.64 43.28	16.82 13.20 19.84	 114.26 146.05	52.6 <b>2</b> 34.02 25.09
Yuma	31.30	10.76 10.78	26.93 27.39	7.19 8.77	29.06 32.91	10.95 10.06	38.52	15.89 15.42	125.00	33.6 <b>9</b> 42.31

MISCELLANEOUS	FARM	DATA,	1928
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	Heifers FARM UTILITIES						;		
COUNTY	Brood Sows	Hogs Slaugh-	Broken for	Com-		ors1	SILOS		
	on Farms	tered on Farms	Milk Cows	Harvest- ers	Trucks <sup>1</sup>	Tracto	Number Silos	Total Cap'ty in Tons	Average Cap'ty
Adams	623	348	783	15	144	180	64	6,400	100
Arapahoe Archuleta	505 $441$ $142$	293 210	238 19	26	64 48	54 90	93	8,742	94
Baca	942	1,332	421		49	38			
Bent Boulder	588 212	560 470	200 147	6 4	20 71	19 50	33 300	3,455 30,000	105 100
Chaffee	580 838	683 794	21 352		20	15	1	80 1 272	80
Clear Creek		10	14				1	20	20
Costilla	508	227	51				5	815	163
Crowley Custer	635 194	375 510	8 119		41 96	40 32	41 3	6,355 450	155 150
Delta	821	1,510	336		55	22	26	2,808	108
Dolores	122	170	49		13	8			
Douglas	336	424	-772 69	4	40	92	194	19,400	100
Elbert El Paso	2,285 470	1,274 560	845 492	8	30 85 18	26 222 69	194 151	17,460 12,684	90 84
Fremont	155	Ź02	43		21	5	8	768	96
Garfield	935	1,836	384		51	35	13	1,300	100
Grand	94	188	158		21	1 23			
Gunnison	87	• 308	182		8	6			
Huerfano	76	110	356	21	21	27	5	290	58
Jefferson	35 145	40 15	22 314	$\frac{1}{4}$	77	73	70	9,800	140
Kiowa Kit Carson	593 3,550	486 2,122	108 722	2 41	· 36 158	29 274	29	1,914	66
Lake		648							
Larimer	341	346	290	35	123	152	402	15,276	38
Lincoln	432 1,410	554 1,132	404	43	35 133	258	14	952	68
Logan	4,638	2,468	728	140	379	384	28	2,151	80
Mineral		1,890	428 5		47 10	1		1,004	
Montezuma	216 854	1,050 725	83 329	1	17 1	19 1	14	445 170	32 170
Montrose Morgan	862 1,930	1,275 1,140	415 400	4 8	60 141	7 119	14 25	1,120 3,163	80 126
Otero	1,032	785 115	360 70		67 10	46 10	87	14,355	165
Park						2			
Phillips	2,471 98	980 279	233 34		106	175	14	902	72
Prowers	943 602	884 812	270 420	3 4	17 224	54 195	73 136	8,322 15.100	114 111
Rio Blanco									
Routt	685	1,510	745	1	33	30			
Saguache	780				,150	51			
San Miguel	151	418	145	1	11	4		1 119	
Summit	18	56	48						
Teller	3.500	1,888		100	21	9	16	6 594	411
Weld	2,422	2,444	1,542	43	708	479	410	54,530	133
Yuma	3,443	1,574	936	83	295	228	4	400	100
State	47,038	39,250	16,476	819	4,517	4.404	2,533	241.965	3,827

<sup>1</sup>Farm trucks and tractors only.

## **Historical Tables**

In the following pages appear tables showing the acreage, average yield, production, market price and value of the crops grown in Colorado, from the earliest available dates down to and including 1928, figures for the latter year being preliminary and subject to revison. This information was compiled from the reports of the United States department of agriculture for years prior to 1919, and from the reports of the Colorado Co-Operative Crop Reporting service for the years from 1919 to 1928, inclusive.

This work was undertaken for the purpose of making a permanent record, covering as many years as possible, so that in the years to come, with the crop reporting methods now in operation in Colorado, it will be possible to continue the chain through the future. The value of such a record is apparent.

Because no distribution of crop acreages and production among the several counties of the state was undertaken prior to 1919, except in years of the federal census, it is impossible to trace the various crops by counties annually except for the past decade, and that has not been attempted here because of the space such a tabulation would require. It is available, however, in the annual editions of this volume and in "Agricultural Statistics," a yearly publication issued by the Colorado Co-Operative Crop Reporting service.

It is hoped that as time and means permit, this record may be continued to livestock and other industries, so that eventually a complete historical record of all Colorado industries and activities may be available in permanent form. ACREAGE, PRODUCTION AND VALUE OF WHEAT IN COLORADO, 1880-1928

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	\$10.15
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	87,500	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	131,082	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
Totals	25,075,000		427,411,000		\$438,102,000	·





ACREAGE, PRODUCTION AND VALUE OF CORN IN COLORADO, 1880-1928

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	R14.94
1881	13,800	25.5	352,000	1.05	369,600	26.78
1882	21,076	20.0	422,400	.90	380,160	18.03
1883	21,287	25.0	532,100	.85	452.285	21.24
1884	25,300	28.1	710,000	.65	461.500	18.24
1885	27,830	34.5	959,000	.68	652.120	23.43
1886	29,778	31.5	938,000	.50	469.000	15.75
1887	31,267	30.0	938,000	.63	590,940	18.90
1888	34,394	22.6	777,000	.57	442,890	12.87
1889	42,993	25,4	1,092,000	.58	633,373	14.73
1890	42,133	18.2	767 000	.63	483,097	11.47
1891	43,397	21.5	933,000	.53	494,509	11.39
1892	124,350	22.3	2,773,000	.40	1,109,202	8.92
1893	123,107	16.5	2,031,266	.51	1,035,946	8.41
1894	125,569	19.7	2,473,709	.61	1,508,962	12.01
1895	178,308	20.7	3,690,976	.41	1,513,300	8.48
1896	178,308	16.0	2,852,928	.36	1,027,054	5.76
1897	. 176,525	19.0	3,353,975	.38	1,274,510	7.22
1898	172,994	18.0	3,113,892	.40	1,245,557	7.20
1899	171,264	17.0	2,911,488	.43	1,251,940	7.31
1900	167,839	19.0	3,188,941	.48	1,530,692	9.12
1901	107,127	17.1	1,831,872	.74	1,355,585	12.65
1902	115,697	16.5	1,909,000	.59	1,126,310	9.73
1903	112,226	19.8	2,222,075	.54	1,199,920	10.69
1904	117,837	20.5	2,415,658	.54	1,304,455	11.07
1905	116,659	23.8	2,776,484	.47	1,304,947	11.18
1906	113,159	27.9	3,157,136	.50	1,578,568	13.95
1907	111,000	23.5	2,608,000	.65	1,695,000	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
1910	470,000	24.0	11,280,000	.55	6,204,000	13.20
1910	475,000	15.5	7,362,000	.90	6,626,000	13.95
191/	532,000	20.0	10,640,000	1.25	13,300,000	25.00
1010	610,000	17.5	10,675,000	1.35	14,411,000	23.62
1020	1,021,000	15.0	15,315,000	1.42	21,747,000	21.30
1021	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
1005	1,450,000	10.0	14,500,000	.88	12,760,000	8.80
1920	1,410,000	15.0	21,150,000	.70	14,805,000	10.50
1920	1,396,000	7.0	9,772,000	.71	6,938,000	4.97
1020	1,284,000	15.5	19,902,000	.68	13,533,000	10.54
1920	1,438,000	19.0	10,094,000	.68	12,712,000	8.64
Totals	20,054,000	)	332,688,000		\$236,900,000	

ACREAGE, PRODUCTION AND VALUE OF OATS FOR GRAIN IN COLORADO, 1880-1928

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
1994	43,312	35.0	1,516,000	.40	606.400	14.00
1004	45,478	37.3	1,698,000	.46	781.080	17.17
1000	48,207	33.0	1,591,000	.42	668,220	13.86
1000	50,617	31.0	1,569,000	.45	706.050	13.95
1999	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	87,330	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	189,0000	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
Totals	7,629,000		248,864,000		\$121,753,000	

ACREAGE, PRODUCTION AND VALUE OF BARLEY IN COLORADO, 1880-1928

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
Totals	4,659,793		114.812,920		\$73,636,560	

# ACREAGE, PRODUCTION AND VALUE OF RYE IN COLORADO, 1880-1928

YEAR	Acres	Yield per Acre, Bushels	Produc- tion, Bushels	Price per Bushel	Value	Value per Acre
1880	1.500	17.0	25 500	8 67	¢ 17.095	011.00
1881	1,400	20.0	28,000	97	φ 17,085	\$11.39
1882	1,592	17.7	28,224		27,100	19.40
1883	1,783	17.4	31.046	80	20,400	10.96
1884	1.872	17.6	33,000		24,037	13.93
1885	1,966	17.8	35,000	.00.	. 19,800	10.58
1886	1.909	22.0	42,000	.00	20.940	12.00
1887	1.966	14.2	28.000	-12	01,240	10.84
1888	2,379	12.2	29,000	66	10 197	2.04
1889	4,615	11.7	54.158	57	20.970	0.04
1890	4,707	14.5	68,252	.65	44 364	0.09
1891	4,942	20.6	101,805	.62	63 110	9.42
1892	5,683	14.6	82,972	.52	43 145	7.50
1893	5,683	21.0	119,343	.50	59 672	10.50
1894	4,035	15.6	62,946	.66	41 544	10.30
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	\$40,000	.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
1000	92,000	11.5	1,058,000	.60	635,000	6.89
1922	97,000	9.0	873,000	.66	576,000	5.94
1924	77,000	12.0	924,000	.56	517,000	6.71
1925	80,000	9.0	720,000	.85	612,000	7.65
1926	85,000	10.0	850,000	.67	570,000	6.70
1927	85,000	11.5	977,000	.71	694,000	8.17
1928	76,000	10.5	798,000	.70	559,000	7.34
	74,000	11.0	814,000	.70	570,000	7.70
Totals	1,331,000		15,016,000		\$12,344,000	

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ACREAGE, PRODUCTION AND VALUE OF POTATOES IN COLORADO, 1880-1928

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	41.58
1899	32,304	84.0	2.713.540	.55	1,492,450	46.20
1900	33.273	56.0	1.863.290	.82	1.527.900	45.92
1901	43,923	120.0	5.270.760	.90	4,743,680	107.99
1902	47.437	100.0	4,743,700	.51	2,419,290	51.00
1903	50 758	145.0	7.359.910	.60	4,415,950	87.00
1904	54,311	159.0	8.635.440	.37	3,195,120	58.81
1905	51.052	160.0	8.168.320	.57	4,655,940	91.19
1906	46 968	125.0	5.871.000	.45	2 641 950	56.25
1907	47,000	150.0	7.050.000	.66	4,653,000	99.00
1908	56.000	125.0	7.000.000	.60	4,200,000	75.00
1909	86,000	137.0	11.781.000	.57	6,715,000	78.08
1910	86.000	100.0	8,600,000	.55	4,730,000	55.00
1911	90,000	35.0	3,150,000	.99	3,118,000	34.64
1912	85,000	95.0	8.075.000	.41	3,311,000	38.95
1913	80.000	115.0	9,200,000	.65	5,980,000	74.75
1914	50,000	120.0	6.000.000	.50	3,000,000	60.00
1915	53 000	135.0	7,155,000	55	3 935 000	74.25
1916	50,000	138.0	6 900.000	1.35	9 315 000	186.30
1017	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 /60 000	37	6 830 000	48.09
1923	110,000	123.0	13 530 000	53	7,171,000	65 10
1924	71.000	145.0	10,000,000	60	6 177 000	87.00
1925	62 000	195.0	12 000 000	1.55	18 740 000	802.96
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
			10,420,000	.40		
Totals	2,532,000		312,790,000		\$222,505,000	





INCLUSIVE
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No. of Factories Operating	12 15 16 16	16 14 14 13	14 15 15 14	17 15 15 16 16	16 17 18 18	;	
Tons Sugar Mfr'd.	91,608 167,193 169,287 122,280 149,405	103,092 124,800 216,010 229,274 220,799	273.780 252.147 234.303 192,000 194,000	294,000 295,000 183,000 240,000 364,000	211,000 377,000 373,000 384,261	5,461,239	
Average Sugar Content	14.71 14.70 15.30 15.85 14.24	15.19 15.44 16.19 14.92 15.85	16.53 15.00 15.40 16.10 13.62	15.81 15.66 14.66 14.59 16.65	14.25 15.05 15.25 16.57		
Value* per Acre		61.46 67.49 61.97 71.58	64.87 64.86 83.75 114.83 104.65	125.25 72.61 77.16 99.19 85.89	75.50 109.24 99.81 90.80	\$86.85	
Value*		5,312,000 9,785,000 10,437,000 9,622,000	11,106,000 12,231,000 13,526,000 14,474,000 19,143,000	27,627,000 14,521,000 11,426,000 16,276,000 19,329,000	9,815,000 23,050,000 21,758,000 16,254,000	\$265,762,000	
Farm Price		5.55 5.65 5.67 5.68	5.88 6.06 7.28 10.02 10.85	11.88 6.37 7.79 8.15 7.59	5.98 7.92 7.00 7.00		
Production Tons	875,154 1,487,383 1,523,300 1,109,000 1,266,700	864,500 957,100 1,642,000 1,840,700 1,706,300	1,885,900 2,018,300 1,857,700 1,444,000 1,765,000	2,325,000 2,279,000 1,466,000 1,996,000 2,546,000	$\begin{array}{c} 1.640,000\\ 2.912,000\\ 2.774,000\\ 2.322,000\end{array}$	42, 196,037	
Average Yield, Tons	10.19 13.41 11.93 9.28 10.33	10.62 11.07 11.32 10.93 12.60	11.03 10.70 11.50 11.47 9.66	10.58 11.39 9.93 12.15 11.32	12.60 13.80 12.70 13.00		
Acres Harvested	86,000 111,600 128,000 119,500 121.700	81,400 86,400 145,000 168,400 135,400	171,200 189,000 161,000 126,000 183,000	220,000 200,000 148,000 164,000 225,000	130,000 211,000 218,000 179,000	3,708,000	
Year	1905 1906 1907 1908 1909	1910 1911 1912 1913 1913	1915 1916 1917 1918 1919	1920 1921 1922 1923 1923	1925 1926 1928 1928	otals and verages for ears indi- ated	1000 6

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.
	Acres Harvested <sup>1</sup>	% of U. S. Total	Av. Yield. Tons <sup>1</sup>	Tons Beete Harvested <sup>1</sup>	% of U. S. Total	Total Farm Value <sup>2 7</sup>	% of U.S. Total	Av. Value <sup>2</sup> per Acre <sup>7</sup>
Colorado	3,319,634	26.4	11.30	37,508,809	30.0	\$205,123,685	28.0	\$83.43
California	2,039,501	16.2	9.26	18,885,746	15.1	117,751,264	16.1	73.67
Idaho	625,038	5.0	9.53	5,955,934	4.8	34,696,937	4.7	70.56
Michigan	2,466,059	19.6	8.19	20,208,402	16.2	112,583,198	15.4	63.35
Montana and Wyoming <sup>3</sup>	238,000	1.9	10.94	2,603,000	2.1	14,480,610	2.0	84.68
Nebraska	688,288	5.5	11.23	7,732,627	6.2	53,101,887	7.3	92.28
Ohio4	443,146	3.5	9.03	4,002,211	3.2	30,233,799	4.1	73.00
Utah	1,288,181	10.2	11.40	14,681,897	11.8	92,152,644	12.6	86.09
Wisconsin	258,310	2.1	9.14	2,361,523	1.9	11,301,090	1.5	71.33
Other States <sup>6</sup>	1,222,858	9.6	8.98	10,982,010	8.7	60,066,594	8.3	63.28
United States	12,589,015		9.92	124,922,159		\$731,491,708		\$75.69

COLORADO'S POSITION IN SUGAR BEET PRODUCTION OF THE UNITED STATES

#### COLORADO'S POSITION IN BEET SUGAR PRODUCTION AND MANUFACTURE IN THE UNITED STATES

	No. Fac- tories <sup>s</sup>	Av. Lbs. Sugar per Acre <sup>1</sup>	Tons Sugar Mfr'd <sup>1</sup>	% of U.S. Total	Lbs. Sugar per ton of Beets <sup>1</sup>	Farm Rcpt. in cents per lb. of Sugar <sup>2</sup>
Colorado	17	2,840	4,703,978	29.7	250.8	2.91
California	5	2,900	2,951,114	18.5	312.4	2.58
Idaho	3	2,620	820,475	5.1	275.6	2.63
Michigan	16	1,960	2,417,547	15.1	239.2	3.23
Montana and Wyoming <sup>3</sup>	7	2,820	336,000	2.1	258.2	2.87
Nebraska	6	2,700	931,302	5.8	240.8	3.32
Ohio4	5	1,960	435,285	2.7	217.6	3.69
Utah	10	2,780	1,791,848	11.2	244.0	3.08
Wisconsin	4	2,040	263,464	1.6	223.2	3.75
Other States <sup>6</sup>	8	2,160	1,317,626	8.2	240.0	2.88
United States	81	2,440	15,968,639		246.0	2.96

<sup>1</sup> 1905-1926, inclusive.

<sup>2</sup> 1911-1925, inclusive; price and value data for earlier years not available.

<sup>8</sup> Sugar beets became of importance in these states in 1922, and figures continue from that date.

<sup>4</sup> 1913 was the first year in which Ohio appeared in sugar beet tables.

<sup>5</sup> Numbers include factories operating in the season of 1926-7; output of Johnstown, Colo., by-product plant not included.

<sup>6</sup> Includes Iowa, Minnesota, Kansas, Indiana, South Dakota and Washington.

<sup>7</sup> Value exclusive of beet tops, which have a high feed value.

ACREAGE, PRODUCTION AND VALUE OF TAME HAY IN COLORADO, 1880-1928

YEAR	YEAR Acres		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
1901	636.821	1.88	1,197,223	8.00	9,577,784	15.04
1802	764,185	2.00	1.528.370	6.50	9,934,405	13.00
1002	794 752	1 1 9	945 755	6.98	6.601.370	8.30
1004	786 804	2 27	1 786 045	7.54	13,466,779	17.11
1004	810,408	2.42	1,961,187	5.87	11.512.168	14.20
1899	761.784	2.12	1 675 925	6.22	10 424 254	13.68
1896	784 638	2.25	1 765 436	5.50	9 709 808	12.39
1897	800 331	2.20	1 760 728	5.40	9 507 931	11.88
1898	776 321	2.20	1,700,720	7 35	11 982 514	15.43
1899	799.611	2.10	1 782 122	7.60	13 551 811	16.96
1900	617 233	2.20	1 222 245	9.04	11 605 959	18.80
1901	502 544	1.02	1 197 694	9.89	11 251 695	18.90
1902	699 171	2.56	1,131,004	7.48	11 913 830	19.15
1903	671 045	1.95	1,092,100	6.71	9 241 199	12.13
1904	665 996	1.00	1,243,098	8.20	14 455 369	21.74
1905	000,220	2.00	1,702,849	0.50	15 167 140	21.14
1906	038,017	2.50	1,596,542	9.50	17 266 000	25.15
1907	677,000	2.70	1,828,000	9.00	14 656 000	21.00
1908	670,000	2.50	1,675,000	10.00	14,050,000	21.01
1909	785,000	2.13	1,674,000	10.00	16,740,000	21.52
1910	781,000	2.00	1,562,000	10.80	16,070,000	10.00
1911	185,000	2.00	1,570,000	0.50	14,001,000	10.00
1912	870,000	2.19	1,905,000	10.00	10,574,000	19.00
1913	890,000	2.05	1,824,000	7.40	17,227,000	20.49
1914	970,000	2.40	2,328,000	7.40	17,227,000	10.70
1915	970,000	2.20	2,134,000	11.00	21 868 000	10.42
1916	970,000	2.05	1,988,000	10.00	21,868,000	22.04
1917	970,000	2.45	2,376,000	15.00	39,442,000	40.00
1918	1,030,000	2.22	2,287,000	10.00	40 750 000	34.41
1919	1,227,000	2.06	2,527,000	12.00	40,700,000	38.10
1920	1,256,000	2.40	3,019,000	12.00	17 774 000	14.97
1921	1,195,000	2.15	2,576,000	11.90	25 459 000	14.07
1922	1,191,000	1.91	2,273,000	11.20	25,458,000	21.30
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	10.00	29,271,000	25.18
1925	1,253,000	2.15	2,694,000	12.00	24,027,000	20.80
1926	1,210,000	2.31	2,795,000	3.60	24,037,000	19.86
1927	1,225,000	2.17	2,658,000	9.20	24,404,000	19.96
1928	1,207,000	2.07	2,497,000	11.70	29,215,000	24.20
Totals	36,074,000		76,585,000		\$745,493,000	

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ACREAGE, PRODUCTION AND VALUE OF WILD HAY IN COLORADO, 1909-1928

Year	Acres	Yield per Acre, Tons	Produc- tion, 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
Totals	8,113,000		8,072 000		\$67,924,000	

1928 figures preliminary. Note—Data concerning price and value not available for earlier years.



## ACREAGE, PRODUCTION AND VALUE OF DRY BEANS IN COLORADO, 1914-1928

Year	Acres	Yield per Acre, Bus.	Produc- tion, Bus.	Price per Bu.	Value	Value per Acre
1014	20.000	15.0	300.000	\$2.00	\$ - 600,000	\$30.00
1015	21,000	16.2	340.000	2.28	775,000	36.90
1916	38,000	11.2	424,000	4.20	1,781,000	46.87
1917	250 000	7.8	1.950.000	4.80	9,360,000	37.44
1918	252,000	6.5	1.638.000	4.40	7,207,000	28.60
1919	66.000	6.5	429,000	3.50	1,502,000	22.76
1920	52,000	8.0	416,000	3.15	1,310,000	25.19
1921	39.000	8.0	312,000	2.70	842,000	21.58
1922	81,000	5.0	405,000	4.40	1,782,000	22.00
1923	170,000	8.0	1.360,000	3.70	5,032,000	29.60
1924	280,000	3.4	952,000	3.10	2,951,000	10.54
1925	320,000	7.0	2,240,000	2.40	, 5,376,000	16.80
1926	378,000	3.6	1.361,000	2.80	3,811,000	10.08
1927	281,000	5.5	1,546,000	2.70	4,174,000	14.85
1928	309,000	4.5	1,390,000	3.40	4,726,000	15.29
Totals	2,557,000		15,063,000		\$51,229,000	

1928 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 have 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, 1915-1928

Year	Acres	Yield per Acre, Pounds	Produc- tion, Tons	l'rice 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	36,000	340	6,100	85.00	518,000	14.42
1		1				
Totals	316,000		50,975		\$6,710,800	

1928 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF DRY ONIONS IN COLORADO, 1918-1928

Year	Acres	Yield per Acre, Bus.	Produc- tion, Bus.	Price per Bu.	Value	Value per Acre
1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 Totals	700 830 760 1,300 2,620 3,410 3,520 3,700 4,300 3,700 26,740	244 250 340 280 250 270 325 275 320 310 	$\frac{171,000}{208,000}\\ 258,000\\ 390,000\\ 532,000\\ 655,000\\ 921,000\\ 1,018,000\\ 1,018,000\\ 1,018,000\\ 1,376,000\\ 1,147,000\\ \hline 7,820,000$	$\begin{array}{c} \$1.00\\ 1.62\\ .72\\ 1.53\\ .52\\ 1.08\\ .58\\ .78\\ .50\\ .45\\ 1.42\\\\\\ \end{array}$	\$ 171,000 337,000 597,000 277,000 707,000 534,000 892,000 509,000 619,000 1,629,000 \$6,458,000	\$244.30 406.02 244.73 460.00 145.79 269.85 156.60 253.41 135.57 144.00 440.20

1928 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF WATERMELONS IN COLORADO, 1918-1928

• Year	Acres	Yield per Acre, Number	Produc- tion, Carloads	Prise per Car	Value	Value per Acre
1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 Totals	3754088307806604003803003007006005,733	360 375 375 350 135 300 323 361 150 200 	135 153 261 292 231 140 114 97 108 105 120 1,756	\$150 175 150 200 180 167 128 168 95 242 150	\$ 20,000 27,000 39,000 58,000 42,000 23,000 15,000 16,000 10,000 25,000 18,000 \$293,000	\$53.33 66.17 47.00 74.36 63.63 55.57.50 55.39.90 55.33 33.33 35.71 30.00

		APPLES			PEACHES	
Year	Produc- tion, Bus.	Price per Bu.	Value	Produc- tion, 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	600,000	1.20	720,000
Totals	55,966,000		\$60,293,000	14,115,000		\$21,315,000

PRODUCTION, MARKET PRICE AND VALUE OF APPLES AND PEACHES IN COLORADO, 1910-1928

1928 figures preliminary.

## PRODUCTION, PRICE AND VALUE OF PEARS IN COLORADO, 1910-1928

Year	Produc- tion, Bus.	Price per Bu.	Value
1010	101.000	1	
1011	121,000	e1 55	\$ 248 000
1019	102,000	¢1.00	179.000
1019	193,000	.90	227 000
1014	130,000	1.70	221,000
1914	206,000		
1916	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
1007	480.000	1.40	679.000
1000	480,000	1.40	072,000
1920	185,000	1.05	194,000
Totals	5,963,000		

NOTE-Data for earlier years is incomplete. 1928 figures preliminary. No prices published for 1914-15-16.

# ACREAGE, PRODUCTION AND VALUE OF CUCUMBERS FOR PICKLES IN COLORADO, 1918-1928

	the second se					
Year	Acres	Yield per Acre, Bus.	Produc- tion, Bus.	Price per Bu.	Value	Value per Acre
1918	2,140 2,140 1,880 3,850 3,250 2,800 3,130 2,300 3,130 2,300 30,971 20,960	74 69 81 75 65 78 35 102 61 50 88 	158,000 148,000 152,000 289,000 254,000 98,000 357,000 177,000 156,000 202,000 2,191,000 1,444,000	\$1.45 1.55 1.00 1.00 87 .75 .72	\$ 290,000 394,000 357,000 154,000 117,000 145,000 \$1,555,000	\$ 94.16 121.24 35.00 102.00 53.10 37.39 63.05

1928 figures preliminary.

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

#### ACREAGE, PRODUCTION AND VALUE OF SNAP BEANS FOR MANUFACTURE IN COLORADO, 1918-1928

Year	Acres	Yield per Acre, Tons	Produc- tion, Tons	Price per Ton	Value	Value per Acre
1918 1919 1920 1921 1923 1924 1924 1925 1926 1927 1928 Totals, 1918-1928 Totals, 1922-1928	840 1,040 980 700 610 750 1,203 1,800 700 900 1,600 11,120 7,560	3.3 4.1 2.4 3.3 2.5 3.5 3.0 3.0 3.0 3.2 2.4 2.1 	2,800 4,300 2,400 2,300 2,600 3,600 5,400 2,200 3,400 32,700 20,900	\$56.67 60.00 60.00 56.67 53.33 60.00 60.00	 \$ 85,000 156,000 216,000 306,000 117,000 132,000 204,000 	\$139.35 208.00 180.00 167.15 146.67 127.50

1928 figures preliminary. Price data for 1918-1921, inclusive, not available.

## ACREAGE, PRODUCTION AND VALUE OF CANTALOUPES IN COLORADO, 1918-1928

Year	Acres Harvested	Yield per Acre, Crates	Produc- tion, Crates	Price per Crate	Value	Value per Acre
1918	4,600 6,690 8,280 8,200 14,000 8,620 8,040 7,900 11,670 12,100 9,000 99,100	176 165 150 182 100 125 145 181 170 127 130 	809,000 1,104,000 1,242,000 1,492,000 1,492,000 1,078,000 1,166,000 1,430,000 1,984,000 1,537,000 1,170,000 14,412,000	\$1.50 1.25 1.60 .84 1.75 1.69 1.19 .91 1.17 1.05 .94	\$ 1,214,000 1,380,000 1,253,000 2,450,000 1,822,000 1,383,000 1,301,000 2,321,000 1,614,000 1,100,000 \$17,830,000	\$263.91 206.80 239.97 152.80 211.35 172.64 164.72 198.89 133.39 122.00

ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR TABLE USE, 1918-1928

Year	Acres	Yield per Acre, Bus.	Produc- tion, Bushels	Price per Bu.	Value	Value per Acre
1918         1919         1920         1921         1922         1923         1924         1925         1926         1927         1928         1928         Totals	$\begin{array}{c} 610\\ 650\\ 630\\ 180\\ 490\\ 970\\ 350\\ 550\\ 410\\ 800\\ 600\\ \hline 6,270\\ \end{array}$	286 321 250 250 214 228 303 268 200 240 	174,000 209,000 158,000 45,000 208,000 80,000 176,000 110,000 160,000 144,000 1,612,000	\$1.60 1.29 1.60 1.29 1.76 1.13 1.20 .76 .85 .31 	\$ 278,000 270,000 253,000 74,000 191,000 366,000 90,000 211,000 84,000 136,000 45,000 \$1,998,000	\$455.73 415.45 401.60 411.11 389.93 377.85 257.14 363.80 204.88 170.00 75.01

1928 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR MANUFACTURE, 1918-1928

Year	Acres	Yield per Acre, Tons	Produc- tion, Tons	Price per Ton	Value	Value per Acre
1918	2,440 2,600 2,530 730 2,200 2,860 2,000 3,040 2,350 2,000 1,600 24,350	8.0 9.1 6.3 6.0 8.2 5.0 7.2 8.5 7.5 7.0 7.4 	19,500 23,700 15,900 4,400 14,300 14,300 14,400 25,800 17,600 14,000 11,800 179,400	\$15.12 12.90 15.00 9.00 8.67 9.00 10.25 11.50 12.00 12.00 11.00	\$ 295,000 306,000 238,000 40,000 156,000 129,000 148,000 297,000 211,000 168,000 180,000 \$2,118,000	\$120.90 117.70 94.09 54.80 70.90 45.10 74.00 97.70 89.79 84.00 81.25

1928 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF CELERY IN COLORADO, 1918-1928

Year	Acres	Yield per Acre, Crates	Produc- tion, Crates	Price per Crate	Value	Value per Acre
1918       1919       1920       1921       1922       1923       1924       1925       1926       1927       1928       Totals	200 350 410 600 670 720 920 940 240 940 900 7,050	313 330 300 300 300 345 420 300 300 300 300	63,000 116,000 123,000 132,000 201,000 248,000 386,000 282,000 282,000 270,000 2,283,000	\$2.00 2.00 1.67 1.33 1.91 1.41 2.51 3.16 1.22 1.70 2.60	\$ 126,000 232,000 205,000 176,000 344,000 622,000 1,220,000 344,000 479,000 702,000 \$4,733,000	\$630.00 662.82 500.00 440.00 573.34 422.39 863.85 1,326.10 366.02 509.56 780.00

## ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS GROWN IN COLORADO FOR TABLE USE, 1922-1928

Year	Acres	Yield per Acre, Hampers	Produc- tion, Hampers	Price per Hamper	Value	Value per Acre
1922         1923         1924         1925         1926         1927         1928	$\begin{array}{r} 300\\ 380\\ 850\\ 2,560\\ 1,940\\ 4,000\\ 6,500\end{array}$	45 75 80 100 62 50 55	14,000 28,000 68,000 256,000 120,000 200,000 357,060	\$1.55 1.44 1.85 3.07 1.94 2.84 1.60	\$ 22,000 40,000 126,000 786,000 233,000 568,000 571,000	\$ 73.38 105.27 150.00 307.00 120.10 142.00 87.85
Totals	16,530		1,043,000		\$2,346,000	

1928 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS FOR MANUFACTURE IN COLORADO, 1922-1928

Year	Acres	Yield øer Acre, Pounds	Produc- tion, Tons	Price per Ton	Value	Value per Acre
1922 1923 1924 1925 1926 1927 1928 Totals	2,940 3,680 3,140 3,520 2,570 1,900 3,000 20,750	1,400 1,000 1,600 1,800 1,800 1,800 1,800 1,900	2,100 1,800 2,500 2,300 1.710 2,850 16,460	\$65.00 69.00 52.54 60.00 60.00 60.00 50.00	\$136,000 124,000 131,000 152,000 103,000 103,000 142,000 \$966,000	\$46.24 33 70 41.72 54.55 53.70 54.21 47.33

1928 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF CABBAGE IN COLORADO, 1918-1928

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	75,400	7.40	558,000	105.91
1924	4,010	11.0	44,100	11.38	502,000	125.20
1925	2,000	11.5	23,000	18.96	436,000	218.00
1926	3,220	13.6	43,800	7.29	319,000	99.08
1927	2,600	14.5	37,700	13.90	524,000	201.53
1928	3,100	14.4	44,600	13.01	580,000	187 11
Totals	42,045		522,530		\$6,665,400	

ACREAGE, PRODUCTION AND VALUE OF LETTUCE IN COLORADO, 1918-1928

Year	Acres	Yield per Acre, Crates	Produc- tion, Crates	Price per Crate	Value	Value per Acre
1918         1919         1920         1921         1921         1922         1924         1924         1925         1926         1927         1928         Totals	140 190 730 900 6,000 6,710 5,600 10,500 13,240 13,240 9,800 67,050	255 235 250 270 180 145 85 133 115 110 115	36,000 45,000 182,000 1,080,000 973,000 1,396,000 1,396,000 1,456,000 1,127,000 8,537,000	\$3.50 3.00 1.80 1.50 1.71 1.60 2.16 1.58 1.43 1.63 1.07	\$ 126,000 135,000 364,000 1,847,000 1,557,000 1,028,000 2,178,000 2,373,000 1,206,000 1,206,000 \$13,348,000	\$900.00 710.56 449.32 404.45 307.83 231.99 183.57 210.09 164.50 179.24 123.05

1928 figures preliminary.

## ACREAGE, PRODUCTION AND VALUE OF CAULIFLOWER IN COLORADO, 1922-1928

Year	Acres	Yield per Acre, Crates	Produc- tion, Crates	Price per Crate	Value	Value per Acre
1922 1923 1924 1925	$260 \\ 400 \\ 400 \\ 1,000 \\ 1 100$	277 160 160 160 -	72,000 64,000 64,000 160,000 99,000	\$1.82 1.11 1.80 .71	<pre>\$ 131,000 71,000 115,000 114,000</pre>	\$504.00 177.50 288.00 114.00 103.64
1927 1928 Totals	1,160 1,700 	290 300 	336,000 510,000 1,305,000	1.78 2.25	598,000 1,148,000 \$2,291,000	515.52 675.30

1928 figures preliminary.

ACRES, PRODUCTION AND VALUE OF GRAIN SORGHUMS IN COLORADO, 1919
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Year	Acres	Yield per Acre, Bus.	Production, Bushel <b>s</b>	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	2,560,000	.60	1,536,000	6.00
Totals	2,643,000		32,526,000		\$25,469,000	1

1928 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.

## FARM PROPERTY VALUES BY COUNTIES, 1925 AND 1910 (From Reports of the U. S. Census Bureau)

COUNTY	Land	Buildings -	Implements and Mach.	Livestock	Total All Property 1925	Total All Property 1910
Adams	\$ 17,401,203	\$ 3,470,786	\$ 953,480	\$ 1,608,369	\$ 23,433,838	\$ 15,767,956
Alamosa	5,414,522	726,635	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 Cheyenne Clear Creek Conejos Costilla Crowley Custer	$\begin{array}{r} 1,939,545\\7,191,317\\185,400\\5,947,694\\3,901,484\\5,634,640\\2,114,645\end{array}$	576,200 889,150 67,000 732,323 445,470 745,380 518,650	185,552 698,297 8,150 277,314 210,960 244,750 199,395	$\begin{array}{r} 393,272\\ 896,436\\ 12,498\\ 1,661,549\\ 604,623\\ 527,742\\ 459,652\end{array}$	3,094,569 9,675,200 273,048 8,618,880 5,162,537 7,152,512 3,292,342	1,987,810 3,576,820 216,018 8,430,531 3,714,504 (a) 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	4,923,394	3,691,648
Elbert	13,421,607	2,287,918	805,820	1,651,064	18,166,409	9,624,465
El Paso	13,996,752	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	$1,930,768 \\ 24,296 \\ 534,145 \\ 1,232,679$	10,734,495	11,017,329
Gilpin	138,100	36,775	9,130		208,301	195,481
Grand	2,311,960	500,930	161,235		3,508,270	2,625,740
Gunnison	2,751,125	678,450	238,013		4,900,267	3,352,823
Hinsdale	254,270	52,650	22,985	101,794	431,699	126,608
Huerfano	3,792,890	707,657	260,404	1,114,948	5,875,899	3,640,602
Jackson	2,703,020	428,600	158,606	1,096,140	4,386,366	4,416,646
Jefferson	16,310,465	5,562,780	734,575	966,210	23,574,030	17,616,573
Kiowa	5,182,425	658,875	373,915	968,292	7,183,507	3,031,538
Kit Carson	12,036,558	1,705,760	954,449	1,533,726	16,230,493	7,951,330
Lake	119,050	37,250	14.295	32,559	203.154	466,646
La Plata	4,195,120	1,319,445	298,695	1,212,839	7,026,099	5,812,793
Larimer	25,803,740	4,556,703	1,582,892	6,239,118	38,182,453	25,930,176
Las Animas	7,635,351	1,163,629	444,808	2,410,507	11,654,295	6,495,792
Lincoln	15,307,702	1,563,708	689,612	1,717,957	19,278,979	9,735,622
Logan	20,247,218	3,387,348	1,450,900	2,426,350	27,511,816	10,866,393
Mesa	9,745,965	3,244,609	981,843	$\begin{array}{r} 2,088,683\\ 104,656\\ 1,041,637\\ 1,336,695\\ 1,494,115\\ 3,483,644\end{array}$	16,061,100	30,209,338
Mineral	228,990	60,225	25,010		418,881	537,691
Monfat	3,426,540	700,855	306,480		5,475,512	(a)
Montezuma	2,722,808	755,815	201,760		5,017,078	6,996,047
Montrose	6,295,044	2,079,059	655,901		10,524,119	13,858,109
Morgan	15,065,041	2,998,970	1,172,956		22,720,611	11,548,557
Otero	11,730,057	2,725,477	927,872	1,922,835	17,306,241	19,738,280
Ouray	1,277,150	302,600	98,395	300,559	1,978,704	1,786,767
Park	2,737,184	687,236	255,634	952,930	4,632,984	2,925,215
Phillips	11,423,930	2,117,155	885,100	939,485	15,365.670	6,394,186
Pitkin	1,318,040	243,750	114,720	291,398	1,967,908	1,903,709
Prowers	10,174,623	1,720,780	557,718	1,551,563	14,004,684	13,938,513
Rio Blanco Rio Grande Routt	11,823,044 3,442,895 8,333,907 6,276,965	2,236,450 798,010 1,842,178 1,155,180	294,660 664,153 505,857	1,464,338 1,245,521 1,705,920	5,999,903 12,085,759 9,643,922	9,940,218 4,350,437 10,771,802 13,454,136
Saguache San Juan San Miguel Sedgwick	6,571,414 (b) 2,006,015 7,648,345	887,420 428,525 1,354,950	358,658 174,995 483,350	1,774,186 705,723 739,972	9,591,678 3,315,258 10,226,617	9,299,491 1,507,239 5,439,388
Summit	610,850	142,950	46,525	143,861	944,186	602,166
Teller	1.045.945	249,595	96,745	262.026	1.654.311	1,268,472
Washington	18,627,450	2,672,079	1,334,048	2,426,687	25,060,264	8,266,561
Weld		10,497,342	3,760,667	11,096,378	84,835,165	56,363,139
Yuma	21,021.648	3,123,260	1,485,529	2,540,802	28,171,239	10,908,457
State	\$494,110,588	\$ 98,499,814	\$ 33,472,740	\$ 86,356,774	\$712,439,922	\$491,471,706

(a) County formed out of parts of other counties subsequent to 1910 census.(b) County has no farms.

Per Cent of Agri- cultural Land	66.21 35.95 77.29 3.27	63.28 .81 8.75	78.59  2.66 3.28 2.12	17.60 <u>-16</u> 23.22	32.91 22.10	12.74	9.04	$   \frac{1.81}{3.65} $	5.58	$\begin{array}{c} 72.40\\ 78.47\end{array}$
Dry Farming Land	496,800 115,500 380,600 10,570	967,642 6,098 22,662	844,824 844,824  10,000 13,713 5,313	$\begin{array}{r} 23,939\\ -17,301\\ 88,059\end{array}$	353,133 218,704	45,135	29,228	331 23,746		750,610 1,025,606
Per Cent of Agri- cultural Land	20.01 43.89 16.99 93.40	36.50 93.10 59.64	75.28 21.41 100.00 62.09 87.19 87.19 90.45	34.64  90.40 73.61	81.46 66.02 75.63	82.61	74.14 100.00 86.62 87.17	85.43 93.61	75.82 74.06	27.60 21.19
Grazing Land	150,170 140,986 83,690 302,346	558,320 698,368 154,396	$\begin{array}{c} 71,237\\ 229,990\\ 41,433\\ 156,878\\ 280,000\\ 364,758\\ 227,250\\ \end{array}$	47,103 170,757 279,258	113,051 708,617 750,286	292,744	239,918 26,883 219,278 256,217	15,744 609,729	220,660 252,777	286,237 276,996
Per Cent of Agri- cultural Land	13.78 20.16 5.72 3.33	.22 6.09 31.61	24.72  37.91 22.91 9.53 7.43	47.76 100.00 .44 3.17	18.54 1.07 2.27	4.65	16.82 13.38 12.83	12.76 2.74	24.18 20.36	
Irri- gated Land*	103,460 64,800 28,120 10,786	3,295 45,649 81,822	23,389  95,760 86,180 39,890 39,890 18,677	64,959 6,074 836 12,015	25,721 11,466 22,484	16,481	54,422 	2,352 17,789	70,380 69,486	4,409
Per Cent of Total Area	92.91 69.05 91.37 41.46	93.65 76.91 52.94	13.65 94.50 16.60 31.52 80.90 80.90 52.55	17.70 16.36 28.29 70.14	13.38 90.30 73.04	35.56	16.27 31.82 21.20 14.44	2.97 67.84	27.86 66.00	90.09 94.59
Agri- cultural Land	$\begin{array}{c} 750.430\\ 321,286\\ 492,410\\ 323,702\end{array}$	1,529,257 750,115 258,880	$\begin{array}{c} 94,626\\ 1,074,814\\ 41,433\\ 252,638\\ 376,180\\ 418,361\\ 251,240\\ 251,240\end{array}$	136,0016,074188,894379,332	138,772 1,073.216 991,474	354,360	323,568 26,883 253,131 293,927	18,427 651,264	291,040 341,323	1,036,847 1,307,011
Area Acres	807,680 465,280 538,880 780,800	1,633,280 975,360 488,960	$\begin{array}{c} 693,120\\ 1,137,280\\ 249,600\\ 801,280\\ 758,400\\ 758,400\\ 517,120\\ 478,080\end{array}$	$\begin{array}{c} 768,640\\ 37,120\\ 667,520\\ 540,800 \end{array}$	$\begin{array}{c} 1,036,800\\ 1,188,480\\ 1,357,440\end{array}$	996,480	$\begin{array}{c} 1.988,480\\ 84,480\\ 1,194,240\\ 2,034,560\end{array}$	621,440 960,000	1,044,480 517,120	1,150,720 1,381,760
COUNTY	Adams. Adams. Adams. Adams. Atamosa. Atamosa. Arapahoe. Arapahoe. Arabahoe. Arabahoe. Arabutota ataman atama ataman atama ataman a	Baca	Chaffee Cheyenne Clear Greek Consign Consign Crowley Crowley	Delta Derver Dolores Douglas	Eagle Elbert El Paso.	Fremont	Garfield Gandipin Grand Gunnison	Hinsdale	JacksonJefferson	Kiowa Kit Carson

DISTRIBUTION OF AGRICULTURAL LAND

(From County Assessors' Reports, 1928)

									1
4.40 3.13 2.05 60.74 67.82	${4.35}$ 13.09 5.24 33.45	2.35 2.39	1.26 91.68 .43 61.94 7.04	6.74 $10.57$	 3.64 61.16	16.31	81.56 32.25	48.31	32.40
18.636 23.866 52.237 908,281 571,080	$\begin{array}{c} & & \\ & & &$	14,242 3,460	$\begin{array}{c} 5,630\\ 374,398\\ 300\\ 593,578\\ 81,960\end{array}$	23,019 	8,113 185,576	24,391	1,211,740 729,521	688,868	11,392,033
100.00 82.80 80.33 96.83 33.52	79.07 82.53 93.85 74.96 78.00 55.51	84.29 89.36	93.49 8.32 73.85 27.83 89.04	86.17 58.64 81.42	84.04 100.00 93.06 30.43 82.22	82.08	17.92 51.72	51.18	60.23
$\begin{array}{c} 23,912\\ 351,040\\ 612,386\\ 2,468,997\\ 2,468,997\\ 331,080\\ 331,080\end{array}$	361,789 22,556 883,077 227,068 310,550 412,080	510,832 129,405	416,672 33,974 52,058 266,686 1,037,102	294,259 126,638 422,175	456,039 200 207,545 92,313 30,998	122,771	266,173 1,169,830	729,834	21,179,940
12.80 16.54 1.11 21 8.66	20.93 17.47 1.80 11.95 16.76 11.04	13.36 8.25	5.25 25.72 10.23 3.92	7.09 41.36 8.01	15.96 3.30 8.41 17.78	1.61	.52 16.03	.51	7.37
28,337 3,145 3,145 86,481	95,775 4,775 16,900 36,200 66,711 81,932	80,965 11,952	$\begin{array}{r} 23,420\\\\ 18,127\\ 97,995\\ 45,580\end{array}$	24,209 89,335 41,563	86,640 7,347 25,494 6,708	2,407	7,685 362,654	7,183	2,591,127
10.07 35.78 45.31 82.84 90.91 84.70	22.60 4.94 31.56 23.07 27.48 90.19	75.22 43.60	31.06 92.74 10.81 91.86 74.79	16.56 37.57 35.09	27.05 .07 27.06 89.27 9.08	42.72	92.09 87.87	94.12	53.00
23,912 423,906 762,364 2,549,571 1,495,256 987,641	457,564 27,331 940,924 302,906 398,129 742,305	606,039 144,817	445,722 408,372 70,485 958,253 1,164,642	341,487 215,973 518,558	542,679 223,005 303,383 37,706	149,569	$1,485,598\\2,262,005$	1,425,885	35,163,103
237,440 1,184,640 1,682,560 3,077,760 1,644,800 1,166,080	$\begin{array}{c} 2,024,320\\ 554,240\\ 2,981,120\\ 1,312,640\\ 1,448,960\\ 823,040\end{array}$	805,760 332,160	$1,434,880\\440,320\\652,160\\1,043,200\\1,557,120$	2,062,720 574,720 1,477,760	$\begin{array}{c} 2,005,120\\ 289,920\\ 824,320\\ 339,840\\ 415,360\end{array}$	350,080	1,613,440 2,574,080	1,514,880	66,341,120
et	al auma see		88	anco	che		ngton		
lake. la Pl larin las A linco logar	desa. Miner Monte Monte Monte	)tero Juray	ark hilli pitkir rowe uebl	tio B tio G toutt	ague an J an M san M sedgw	eller	Vash Veld-	[uma	Sta

\* Includes also acreage classed by assessors as fruit land and natural hay land.

	Total 1927	<pre>\$ 19,345,320 5,171,155 11,093,785 2,145,842</pre>	9,601,251 7,997,145 13,927,380	2,286,670 11,048,825 572,465 5,719,830 3,279,215 6,431,375 5,101,520	$\begin{array}{c} 7,910,420\\ 7,922,630\\ 975,685\\ 6,276,480\end{array}$	3,310,288 12,430,057 11,890,930	5,544,357	$\begin{array}{c} 7,957,710\\ 116,043\\ 2,966,165\\ 4,324,645\end{array}$	199,285 4,033,803	3,269,780 15,332,400	9,488,180 20,602,005
	Total 1928	\$ 19,269,210 5,291,801 11,358,855 2,150,155	9,776,750 8,091,585 13,961,370	2,356,080 11,124,620 587,425 6,044,185 3,324,245 6,528,375 2,186,600	8,106,400 8,627,320 1,066,275 6,274,405	3,376,622 12,520,645 12,277,720	6,313,703	8,097,255 146,073 3,058,675 4,467,375	246,255 4,034,714	2,981,380 15,984,025	9,620,425 18,572,110
	Agricul- tural Implements 1928	\$ 255,390 71,385 100,660 19,700	110,760 48,475 173,900	73,455 100,785 2,615 43,160 37,290 84,925 30,845	406,475  10,475 144,210	62,610 203,075 96,830	33,165	388,640 1,825 39,560 86,000	1,690 43,085	108,580 208,715	27,800 300,570
(u)	Improve- ments on Public Land 1928	\$ 97,200 23,805 12,470 4,105	5,995 26,590 	30,135 3,460 3,155 29,740 9,250 31,585 11,050	$\frac{15,665}{10,790}$	$\begin{array}{c} 17,730\\ 28,585\\ 40,740\end{array}$	9,650	112,860 	33,410 2,665	13,090 6,000	2,070 159,750
rax Commissio	Improve- ments on Patented Land 1928	\$ 2,437,080 314,435 2,390,580 224,620	$\begin{array}{c} 598,330\\ 691,585\\ 2,045,000\end{array}$	511,800 485,155 115,825 473,740 243,745 507,345 304,065	$\begin{array}{c} 1,151,380\\ 4,650,790\\ 105,055\\ 1,822,060\end{array}$	355,615 1,061,030 2,041,180	2,394,155	813,900 20,345 372,600 645,720	11,550 412,710	264,490 5,037,340	283,910 1,705,950
Records of State	Equities in State Land 1928	\$ 57,680 40,253 61,325 4,610	84,365 33,515	52,965 52,965 61,090 31,550	-+	3,340 244,834 69,150	10,430	24,675 6,255	2,160 17,201	9,860 24,580	72,690 45,010
Compiled from	Poultry and Bees 1928	\$ 49,590 8,100 38,585 4,540	24,080 29,075 37,220	3,880 15,030 660 5,375 3,420 25,205 2,910	40,390 5,400 2,115 11,985	4,079 27,720 33,330	24,406	34,925 1,355 3,050	80 7,220	2,530 53,425	12,156 43,685
	Livestock 1928	\$ 865,380 485,510 581,270 564,220	932,225 719,930 695,530	314,175 803,055 803,055 27,895 1,079,110 291,370 536,895 319,465	$1,351,340\\55,270\\276,265\\760,790$	$\begin{array}{c} 818,370\\ 1,340,142\\ 1,231,300\end{array}$	365,741	1,554,360 31,313 606,735 1,315,815	101,005 796,072	1,029,560 642,580	516,750 1,081,135
	Farm Land 1928	<pre>\$ 15,506,890 4,348,313 8,173,965 1,328,360</pre>	8,020,995 6,542,415 11,009,720	1,422,635 9,664,170 423,950 4,351,970 2,739,160 5,310,870 5,310,870 1,518,265	5,141,150 3,915,860 661,575 3,513,300	$\begin{array}{c} 2,114,878\\9,615,259\\8,765,190\end{array}$	3,476,156	$\begin{array}{c} 5,192,570\\ 89,963\\ 1,944,500\\ 2,391,175\end{array}$	96,360 2,755,761	1,553,270 10,011,385	8.705,050 15,236,010
	COUNTY	Adams. Alamosa Arapahoe Archuleta	BacaBentBentBoulder	Chaffee Chaffee Chayeme Chaffee Chayeme Chayeme Charcer Cleek Colear Cleek Concios Concios Concilia Convelos Curve las curve custer Custer Custer Custer Charter Chart	Delta Denver Dolores Douglas	Eagle	Fremont	Garfield	Hinsdale	JacksonJefferson	Kiowa Kit Carson

ASSESSED VALUE OF FARM PROPERTY IN COLORADO, 1927 AND 1928

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	COLOR	A D	O YEA	R B	00К, 1	192	28-1	9 %	: 9
439,363 5,821,725 5,821,725 20,669,760 13,499,681 15,429,680 19,277,440	13,463,755 404,170 5,368,021 4,170,440 7,416,360 14,014,040	13,553,345 1,451,385	$\begin{array}{c} 3,587,865\\ 11,557,855\\ 1,747,647\\ 13,031,539\\ 23,474,030\end{array}$	5,078,490 6,687,787 8,421,180	$\begin{array}{c} 6,079,847\\74,830\\2,014,800\\8,812,955\\568,147\end{array}$	918,820	17,320,648 56,466,590	19,400,110	\$544,494,346
$\begin{array}{c} 409,840\\ 5,974,215\\ 20,638,350\\ 11,775,930\\ 15,080,255\\ 19,373,655\\ \end{array}$	$\begin{array}{c} 13,644,430\\ 461,290\\ 5,332,660\\ 4,242,540\\ 6,792,400\\ 14,099,080\end{array}$	12,728,970 1,494,074	3,640,680 11,325,075 1,665,829 12,851,516 23,723,515	$\begin{array}{c} 4,924,915\\ 6,737,645\\ 7,915,690\end{array}$	$\begin{array}{c} 6,487,285\\ 74,551\\ 2,066,475\\ 8,808,485\\ 562,431 \end{array}$	864,210	15.272.871 53,347,420	19,367,630	\$539,506,545
7,345 64,480 64,480 62,460 138,995 539,000	380,750 2,745 84,855 50,495 180,695 342,060	215,140 29,135	64,720 188,975 68,674 137,858 140,740	75,230 86,690 187,530	64,435 275 22,945 188,180 7,950	18,870	177,381 973,320	296,170	\$8,558,768
68,750 34,270 18,965 81,965 34,300	59,600 6,015 39,285 19,995 11,680 50,030	144,980 1,500	16,780 121,940 13,045 28,160 42,570	$\begin{array}{c} 12,915\\ 132,375\\ 124,470\end{array}$	$\begin{array}{c} 39,815\\\\ 0,875\\ 9,875\\ 500\end{array}$	26,400	4,525 65,770	35,640	\$2,111,480
194,150 887,100 4,274,620 811,610 576,355 1,963,090	$\begin{array}{c} 1,808,760\\ 147,265\\ 617,420\\ 479,505\\ 881,510\\ 1,587,202 \end{array}$	2,051,210 135,540	611,340 656,425 246,725 1,375,425 12,307,315	479,715 678,952 1,237,960	506,878 259,500 1,944,055 58,105	115,640	819,010 5,803,610	1,060,210	\$79,069,297
$\begin{array}{c}\\\\ 41,200\\ 7,220\\ 108,610\\ 185,890\end{array}$	34,695 34,695 43,650 86,348	12,655	21,240 53,905 2,660 45,130 240,235	205,626 107,530	87,327 14,650 104,790 1,760		82,335 156,690	210,980	\$ 2,828,596
27.130 52,920 15,185 30,915 52,150	61,490 270 6,445 26,160 36,055 42,590	58,480 2,845	$\begin{array}{c} 2,950\\ 23,605\\ 2,251\\ 39,626\\ 37,990\end{array}$	3,665 5,967 10,810	6,880  2,730 16,510 420	640	49,015 111,210	43,670	\$1,326,094
$\begin{array}{c} 32,530\\ 32,530\\ 900,805\\ 1,329,620\\ 1,709,599\\ 1,186,590\\ 1,476,755\end{array}$	$\begin{array}{c} 2,035,460\\ 121,405\\ 1,159,035\\ 898,065\\ 1,217,865\\ 1,107,010\\ \end{array}$	953,225 313,784	784,030 446,940 288,032 802,942 1,058,705	$1,512,255\\830,288\\1,676,310$	$\begin{array}{c} 1,592,606\\ 72,996\\ 615,470\\ 438.250\\ 132,673\end{array}$	166,990	$\begin{array}{c} 1.221,812\\ 3,052,140\end{array}$	1,431,470	\$52,656,230
$\begin{array}{c} 175,815\\ 4,025,950\\ 14,461,700\\ 9,161,761\\ 12,956,825\\ 15,122,970\end{array}$	$\begin{array}{c} 9,298,370\\ 183,110\\ 3,390,925\\ 2,724,670\\ 4,464,595\\ 10,883,840\end{array}$	9,293,280 1,011,270	2,139,620 9,833,285 1,044,442 10,422,375 9,895,960	$\begin{array}{c} 2.841,135\\ 4.797,747\\ 4.571,080 \end{array}$	$\begin{array}{c} 4,189,344\\ 1,280\\ 1,137,160\\ 6,106,825\\ 361,023\end{array}$	535,670	12,918.793 43,184,680	16,289,490	\$392,956,080
Lake La Plata La Timer La Animas Lincoln Logan	Mesa Mineral Montat Montroge Montroge	OteroOtero	Park Phillips Pitkin Prowers	Rio Blanco	Saguache San Juan San Miguel Sedgwick Summit	Teller	Washington	Yuma	State

## ACRES OF ALL FARM LAND RETURNED ANNUALLY FOR ASSESSMENT IN COLO-RADO FOR 1915, 1920, 1926, 1927 AND 1928

COUNTY	1928	1927	1926	1920	1915
Adams	750.430	750.389	749.835	737,123	629,707
Alamosa	321,286	324,186	321,247	307,800	334,500
Arapahoe	492,410	492,570	492,900	490,550	441,447
Archuleta	323,702	315,008	317,429	257,141	249,577
Baca	1,529,257	1,555,660	1,522,833	1,137,896	540,620
Bent	750,115	748,468	747,283	446,787	189,325
Doulder	200,000	200,000	200,010	201,100	202,100
Chaffee	94,626	95,191	93,842	83,363	80,687
Clear Creek	1,074,814	1,073,893	1,073,483	1,044,149	888,535
Conejos	252,638	251,067	245,482	225,604	216,263
Costilla	376,180	371,180	389,485	219,200	769,456
Crowley	418,361	416,215	409,277	307,539	131,443
Custer	100.001	197.000	200,020	140,405	111,000
Denver		137,882		218,167	189,239
Dolores	188,894	179,697	168,065	37,035	10,257
Douglas	379,332	378,954	379,017	375,584	367,270
Eagle	138,772	132,806	124,084	98,394	85,392
Elbert	1,073,216	1,071,684	1,066,590	1,034,431	952,091
El Paso	991,474	988,354	986,456	951,958	799,156
Fremont	354,360	350,847	309,483	214,408	182,330
Garfield	323,568	321,505	316,965	259,122	204,520
Gilpin	26,883	26,146	23,532	18,091	15,936
Gunnison	293,927	283.324	234,333	172,269	128,246
Hinadala	19 497	17 000	10.045	14.750	10.001
Huerfano	651.264	611.076	637,559	366.959	340.211
Jackson	291.040	270 309	267 925	214 044	102 040
Jefferson	341,323	336,407	298,547	322.343	296.175
Kiowa	1 036 847	1 026 421	1 034 610	960 670	690.096
Kit Carson	1,307,011	1,305,441	1,301,888	1,265,961	1,128,158
Lake	23,912	26 682	30 608	27 011	26.658
La Plata	423,906	421,286	408,556	328,843	265,834
Larimer	762,364	753,615	769,724	666,173	621,368
Las Animas	2,549,571	2,500,702	2,432,162	1,078,269	
Logan	987,641	986,200	985,000	966,630	680,036
Mesa	457.564	452 276	443 527	338 284	287 055
Mineral	27,331	27,309	27,313	20,551	19,256
Moffat	940,924	900,971	824,990	229,710	129,754
Montezuma	302,906	299,560	293,738	209,902	160,104
Morgan	742,305	741,725	740,424	634,280	367,245
Otero	606.039	612,768	590,846	323 442	240 275
Ouray	144,817	144,074	142,810	155,440	83,793
Park	445,722	427,839	402,187	192.192	196,132
Phillips	408,372	408,572	403,760	395,780	385,671
Pitkin	70,485	69,210	68,147	58,078	50,701
Pueblo	1.164.642	1.158.068	1.151.360	867.047	688.441
Rio Blanco	341 487	326 338	309 973	194 466	139 814
Rio Grande	215,973	211,753	212,207	185,285	170,680
Routt	518,558	510,291	477,065	345,619	261,047
Saguache	542,679	521,713	522,941	453,873	407,323
San Juan	200	200	200	200	200
San Miguel	223,005	302.370	302 310	297.652	280,973
Summit	37,706	38,022	35,018	28,945	22,610
Teller	149,569	145,631	143,337	112,470	99,807
Weshington	1,485,598	1,493,805	1.488.845	1,393,009	914,615
Weld	2,262,005	2,261,971	2,254,189	2,171,570	1,631,321
Yuma	1.425.885	1,422,031	1.412.652	1,296,745	993,616
State	35,163,103	34,872,453	34,387,675	27,977,855	22,284,101

## ASSESSED VALUE OF ALL FARM LAND IN COLORADO AS RETURNED BY COUNTY ASSESSORS FOR 1915, 1920, 1926, 1927, 1928

COUNTY	1928	1927	1926	1920	1915
Adams Alamosa	\$ 15,506,890 4,348,313	\$ 15,624,040 4,307,798	\$ 15,817,630 4,394,831	\$ 17,346,280 4,509,139	\$ 11,731,350 2,275,990
Archuleta	8,173,965 1,328,360	8,212,300 1,347,535	8,267,620 1,357,050	9,915,770	6,473,900 907,132
Baca Bent	8,020,995	7,993,220	7,979,864	6,223,251 7,206,575	1,689,437
Boulder	11,009,720	11,074,700	11,087,705	11,971,220	8,726,800
Chaffee	1,422,635 9 664 170	1,462,635	1,426,830	1,428,500 13 228 595	1,275,335
Clear Creek	423,950	411,515	405,340	309,815	107,510
Costilla	2,739,160	2,720,720	2,849,260	2,966,242	3,150,750
Custer	5,310,870 1,518,265	5,309,625 1,535,495	5,334,845 1,570,830	6,108,970 1,223,170	4,669,539 1,088,200
Delta	5,141,150	5,255,325	5,676,840	8,152,925	6,721,485
Dolores	3,915,860 661,575	631,680	693,620	277,415	3,858,530 71,848
Douglas	3,513,300	3,511,000	3,504,940	4,179,510	2,628,305
Elbert	9,615,259	9,727,810	10,024,897	11,706,966	5,551,416
El Paso	8,765,190	8,745,160	8,892,570	11,096,370	6,124,770
Garfield	3,470,100	5,408,110	5,307,010	3,294,630 5,232,570	3,210,976
Gilpin	89,963	74,755	72,201	54,273	47,808
Gunnison	1,944,500 2,391,175	2,370,150	2,360,260	2,160,525	2,014,878
Hinsdale Huerfano	96,360 2,755,761	91,900 2,748,442	87,395 2,762,563	79,425 2,231,420	38,083 . 1,699,296
Jackson Jefferson	1,553,270 10,011,385	1,954,970 9,871,570	2,044,620 9,702,459	2,727,695 10,013,595	1,468,864 8,069,735
Kiowa Kit Carson	8,705,050 15,236,010	8,715,140 17,454,545	9,069,500 17,173,300	10,179,094 20,453,265	3,413,286 5,679,205
Lake La Plata	175,815 4,025,950	174,963 4,043,555	172,530 4,093,655	193,530 3,927,655	172,825 3,298,920
Larimer	14,461,700	14,573,250	16,111,800	16,959,870	11,923,983
Lincoln	12,956,825	13,471,515	14,230,020	16,343,285	5,315,710
Logan	15,122,970	15,349,845	9 703 260	22,884,010	10 159 695
Mineral	183,110	182,630	180,345	162,875	138,635
Montezuma	2,724,670	2,811,155	2,818,430	2,424,190 2,310,452	1,198,940
Montrose Morgan	4,464,595 10,883,840	4,986,495 11,045,650	4,997,005 11,003,170	7,298,220 12,371,500	5,872,205 5,313,540
Otero Ouray	9,293,280 1,011,270	10,280,385 1,011,065	$10,255,630 \\ 1,014,700$	11,136,010 1,320,604	8,733,185 724,900
Park	2,139,620	2,119,640	2,137,855	1,570,285	1,381,540
Phillips	9,853,285	1,092,421	1,108,960	1,038,980	934,290
Prowers Pueblo	10,422,375 9,895,960	10,692,075 9,916,225	11,147,345 10,013,420	11,796,415 9,169,292	7,483,880 7,739,328
Rio Blanco	2,841,135	3,160,920	2,860,510	2,707,495	2,107,221
Rio Grande Routt	4,797,747 4,571,080	4,778,882 5,081,020	4,811,030 4,919,140	5,344,250 4,682,835	3,009,790
Saguache	4,189,344	4,121,077	4,432,759	4,726,651	4,473,019
San Miguel	1,137,160	1,161,125	1,149,460	1,094,880	735,710
Summit	361,023	372,470	340,537	303,300	188,232
Teller	535,670	582,070	575,560	420,900	275,100
Washington	12,918,793 43,184,680	15,094,953 46,482,790	16,781,165 46,374,110	24,176,680 56,135,660	6,306,191 32,081,740
Yuma	16,289,490	16,409,730	16,435,410	17,065,095	4,990,032
State	\$392,956,080	\$406,857,353	\$413,420,372	\$460,417,978	\$262,693,260
			The second second second		

## ACREAGE OF IRRIGATED LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESS-MENT FOR 1914, 1920, 1925, 1926, 1927, 1928

COUNTY	1928	1927	1926	1925	1920	1914
Adams	94,000	94.076	95.911	87.343	102.073	100.381
Alamosa	27,500	27,500	27,000	26,800	26,000	65,900
Arapahoe	28,120	28,280	28,360	29,876	33,180	38,625
Archuleta	10,321	10,352	10,869	10,712	11,826	8,918
Baca	3,295	3,338	3,540	3,540	9,000	40.924
Boulder	45,649	82,750	82,809	83,563	86,407	98,323
Chaffee	23,389	23,961	23,076	22,526	20,045	19,037
Clear Creek				•		
Conejos	85,840	85,840	85,840	86,950	87,300	97,656
Crowley	39,667	30,500	40 300	40 330	54.050	45 336
Custer	6,250	6,253	9,665	10,208	11,965	7,083
Delta	56.370	61,973	57,696	55,208	64.849	56,123
Denver	6,074	6,178	6,293	6,606	7,519	7,724
Dolores	836	842	857	832	2,065	1,358
Douglas	6,199	6,387	6,177	6,856	7,715	7,075
Eagle	25,721	25,222	24,729	23,557	22,259 330	19,778
El Paso	20,400	20,400	20,400	20,400	20,500	19,120
Fremont	13,301	13,476	14,018	21,659	20,633	15,337
Garfield	53,641	54,466	54,372	51,588	59,278	53,278
Gilpin	22 952	21 020	20.750	20 502	21 007	95 111
Grand	37,710	38,596	38,152	39,405	35,955	32,497
Hinsdalo	2 352	2 312	2 272	2 180	2 2 3 3	1 4 4 5
Huerfano	15,591	17,978	16,025	5,223	21,802	19,037
Jackson Jefferson	69,486	67,059	48,286	71,635 48,263	67,685 49,397	59,710 40,200
Kiowa Kit Carson	732					750
Lake						
La Plata	53,341	54,228	55,120	56,788	57,881	44,995
Larimer	110,226	110,279	110,606	111,589	106,921	111,278
Las Animas	20,042	29,134	20,118	28,880	22,931	23,876
Logan	70,481	70,040	67,400	67,000	59,472	63,344
Mesa	88,952	91,733	91,936	97,692	89,452	82,589
Mineral	2,028	1,878	1,634	993	370	1,309
Moffat	13,341	15,284	17,126	. 18,187	16,247	15,168
Montezuma	30,388	30,003	37,017	51,019	31,011	38,000
Montrose	79.712	79.712	79.352	78,692	76,269	74.580
Otene	80 493	78 543	77 555	76 492	79.015	70 201
Ouray	9,824	9,924	9,904	10,060	11,655	10,143
Park						
Phillips	18 127	16 585	16 179	16 162	15 407	14 091
Promore	95 891	95 892	94 990	95 744	89 851	96 585
Pueblo	45,580	45,750	45,908	40,376	40,788	47,641
Rio Blanco	22,269	22,691	22,059	23,552	22,990	19,973
Rio Grande	72,696	74,750	72,243	72,403	42,721	80,861
Routt	41,563	43,510	43,061	42,494	47,864	36,159
Saguache	37,640	37,640	37,640	37,640	37,480	26,496
San Juan	7.347	8.212	8,610	8.857	9.890	6.631
Sedgwick	19,937	19,789	19,507	19,816	20,054	20,396
Summit	6,708	7,173	7,174	7,011	6,225	4,970
Teller						
Washington	7,685	7,952	7,054	6,885	6,682	7,050
Weld	355,899	349,802	348,896	339,139	343,808	283,058
Yuma	4,625	3,387	5,981	5,600	3,550	4,332
State	2,239,622	2,249,176	2,224,443	2,283,110	2,308,415	2,236,000

## ACREAGE OF DRY FARMING LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1925, 1926, 1927, 1928

COUNTY	1928	1927	1926	1925	1920	1914
Adams	496 800	396 889	499.068	502.099	442,385	135,930
Alamosa	115,500	115,500	115,150	112,150	102,000	
Arapahoe	380,600	380,600	380,850	379,940	375,440	42,760
Archuleta	10,570	11,021	• 10,855	10,760	10,876	3,938
Baca	967,642	996,712	965,488	955,977	1,080,212	
Bent	6,098	5,758	4,854	4,730	6,435	
Bounder	22,662	23,145	20,140	23,490	22,808	
Chaffee						
Clear Creek	844,824	844,026	845,781	851,476	1,044,149	
Conejos						
Costilla	10,000	10,000	10,000	10,000	1,000	
Crowley	13,713	13,271	13,451	12,584	2,351	1,751
Custer	5,313	4,938	1,865	2,386	12,101	
Delta	23,939	22,378	27,001	25,116	38,075	
Dolores	17.301	16.405	53.340	65.219	14.292	
Douglas	88,059	87,792	88,096	84,078	89,217	23,666
Eagle						
Elbert	353,133	370,673	370,988	366,242	407,190	65,512
El Paso	218,704	218,750	218,680	218,560	213,520	193,150
Fremont	45,135	52,854	52,355	68,583	21,366	17,510
Garfield	29,228	30,285	29,818	32,006	32,961	39,602
Gilpin						
Grand						
Hinsdale Huerfano	23,746	26,776	321 27,145	27,093	5,012	
Jackson	10.000		05 004	05 (04		20.070
Jenerson	19,060	23,330	20,604	20,624	29,029	30,970
Kit Carson	750,610 1, <b>025,</b> 606	743,649 1,029,548	756,573 1,021,624	789,526	1,033,286	59,947
Lake						
La Plata	18,636	21,367	18,689	17,593	15,289	6,045
Las Animas	52.237	67.411	78,358	86.656	27,293	12.507
Lincoln	908,281	911,486	868,489	859,969	914,318	
Logan	571,080	571,080	579,600	580,000	584,019	252,429
Mesa						
Moffat	40.947	110.352	116.618	130.879	79.808	4.936
Montezuma	39,638	38,913	38,637	38,781	28,468	30,413
Montrose	20,868	23,628	25,270	29,528	37,621	25,261
Morgan	248,293	249,247	248,636	254,545	236,392	41,578
Otero	14,242	18,137	17,812	24,197	20,316	19,550
Ouray	3,460	3,410	3,387	3,387	2,986	1,778
Park	5,630	5,769	6,502	6,508	6,021	3,483
Phillips	374,398	374,398	370,960	371,670	366,420	426,161
PICKIN	593,578	595,654	594.804	597.977	5.090	400
Pueblo	81,960	81,240	80,720	80,260	72,942	62,485
Rio Blanco	23,019	19,812	19,947	18,240	18,684	5,076
Rio Grande	54 820	55 908	54,120	60.241	28,400	22.376
Someshe	01,010	00,000	0 1,1=0			22,010
San Juan						
San Miguel	8,113	7,613	8,143	8,469	7,452	4,500
Sedgwick	185,576	186,519	187,360	187,150	179,121	177,345
Julian (Jallan	24 391	23 915	23 464	23.226	18 281	6 749
Teller	1 911 740	1 911 005	1 1/0 000	1 150 074	1.015.040	0,1-10
Washington	729,521	744,082	719,117	719,947	806,842	62,564
Vume	688,868	689,663	704.418	751.188	620,238	617.925
I unia		11 550,000	11 452 010	11.000.000	10.000 500	
State	11,392,036	11,559,097	11,473,210	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, 1927, 1928

	IMP	ROVED	FRUIT L	AND	N.	ATURAL	HAY LAN	D
COUNTY	1928	1927	1920	1914	1928	1927	1920	1914
Adams Alamosa					9,460 37,300	9,460 37,300	37,000	12,368
Archuleta					465	485		
Baca								
Boulder							2,904	
Chaffee				150				
Clear Creek								
Conejos Costilla					9,920	9,920 5,600	9,400 5,200	10,000 5,300
Crowley Custer	223	239	535	540	12,427	12,270		9,306
Delta	8,589	7,809	10,303	4,630				
Denver Dolores								142
Douglas					5,816	5,563	5,453	3,388
Eagle Elbert El Paso	 174		320	380	11,466 1,910	11,346 1,910	11,587 1,910	6,454 1,240
Fremont	1,980	1,755	2,371	2,803	1,200	1,200	1,200	1,910
Garfield	۹ 781	887	898	1,509				
Gilpin Grand								
Gunnison								
Hinsdale Huerfano	59				2,139	1,361		
Jackson Jefferson					70,380	70,220		
Kiowa Kit Carson					3,677	3,602	3,666	600
Lake La Plata	889	943						
Larimer Las Animas	486	477		2,011	15,400	15,400 3.057	15,400	15,025
Lincoln					3,145 15,000	3,050	3,310 13,424	
Mesa Mineral	4,967	- 5,172	8,070	7,024	1,856	2,767	2.885	1.400
Moffat Montezuma	812	830	806	1,017	3,559	3,818		
Montrose	1,083	1,234	1,743	1,450	2.220	2,200	2,700	4.064
Otero	472	480	1,051	1,553				
Ouray					2,128	2,028	1,424	
Phillips								
Prowers			5 910	40	2,104	1,904	3,647	5,973
Rio Blanco			5,510		1.940	1.350	1.010	3,599
Rio Grande Routt				305	16,639	16,893	8,870	
Saguache					49,000	49,000	48,750	71,124
San Juan San Miguel								
Sedgwick					5,557	5,736	5,469	5,165
Teller					2,407	2,638	2,322	1,580
Washington Weld					6,755	7,039	9,631	1,755 5,635
Yuma					2,558	3,302	4,490	
State	20,515	20,045	32,148	23,500	330,990	328,920	228,330	190,865

## ACREAGE OF GRAZING LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESS-MENT FOR 1914, 1920, 1925, 1926, 1927, 1928

L						
COUNTY	1928	1927	1926	1925	1920	1914
Adams Alamosa Arapahoe	$150,170 \\ 140,986 \\ 83,690$	149,964 143,886 83,690	145,710 141,797 83,690	151,609 156,049 83,690	192,665 142,800 81,930	355,512 218,392 331,884
Archuleta	302,346	293,150	295,220	274,067	234,439	226,948
Baca Bent Boulder	558,320 698,368 154,396	555,610 697,347 150,500	553,855 696,162 150,495	$564,369 \\ 636,392 \\ 149,213$	48,684 393,620 139,641	474,067 137,772 133,820
Chaffee Cheyenne Clear Creek Conejos Costila Crowley	71,237229,99041,433156,878280,000 $364,758$	$\begin{array}{r} 71,230\\ 229,867\\ 39,580\\ 155,307\\ 275,000\\ 362,708 \end{array}$	70,766 227,702 38,900 149,722 293,000 355,155	66,879 221,327 37,260 151,843 290,000 350,808	63,318 33,857 128,904 130,000 250,603	61,359 821,560 30,828 91,054 674,084 75,500
Custer	227,250	225,910	215,642	194,530	116,339	101,572
Delta	47,103	45,722	46,659	48,748	104,940	127,328
Douglas	279,258	279,212	98,284 279,291	87,946 282,858	20,678 273,199	8,237 338,854
Eagle Elbert El Paso	113,051 708,617 750,286	107,584 689,665 747,120	99,355 684,272 745,292	88,891 686,187 743,305	76,135 615,324 715,708	62,290 843,349 542,483
Fremont	292,744	281,562	240,026	220,187	168,838	135,289
Garfield Gilpin Grand Gunnison	239,918 26,883 219,278 256,217	$\begin{array}{r} 235,867\\ 26,146\\ 216,394\\ 244,728\end{array}$	231,854 23,532 204,574 228,879	213,934 20,649 205,423 206,500	165,985 18,091 141,172 115,972	104,888 16,754 107,020 82,036
Hinsdale Huerfano	15,744 609,729	14,600 564,916	$14,252 \\591,482$	$14,002 \\ 567,857$	12,526 340.125	9,882 291,720
Jackson Jefferson	220,660 252,777	209,088 246,013	$196,140 \\ 224,657$	182,740 222,534	146,359 243.917	122,151
Kiowa Kit Carson	286,237 276,996	282,772 271,490	278,037 277,059	245,296 267,112	960,670 228,829	607,114
Lake La Plata Larimer Las Animas Lincoln Logan	23,912 351,040 612,386 2,468,997 583,830 331,080	$\begin{array}{r} 26,682\\ 344,748\\ 604,559\\ 2,405,100\\ 577,269\\ 330,080\end{array}$	$\begin{array}{r} 30,608\\ 333,853\\ 620,357\\ 2,324,006\\ 616,520\\ 323,800 \end{array}$	27.624 318,219 566,771 2,173,614 621,622 323,800	27,011 255,585 521,332 1,024,029 491,790 309,715	26,652 186,040 469,678 716,102 993,743 329,042
Mesa Mineral Montezuma Montezuma Morgan	361,789 22,556 883,077 227,068 310,550 412,080	355,371 22,664 771,517 223,254 299,583 410,566	342,789 22,912 687,406 217,240 279,292 410,236	324,859 23,801 584,609 207,255 259,615 400,909	240,762 17,296 133,655 143,551 175,089 318,919	183,083 20,891 100,246 84,736 121,579 179,079
Otero Ouray	51 <b>0</b> ,832 129,405	<b>515,60</b> 8 128,712	495,108 127,391	468,799 122,696	221,636 118,137	126,795 64,273
Park Phillips Pitkin Prowers Pueblo	$\begin{array}{r} 416,672\\33,974\\52,058\\266,680\\1,037,102\end{array}$	$398,569\ 34,174\ 52,625\ 271,895\ 1,031,078$	372,699 32,800 51,668 272,210 1.024,732	324,539 31,800 51,093 263,262 1.013.869	$186,171 \\ 29,360 \\ 42,191 \\ 712,576 \\ 749,407$	173,917 36,988 322,898 559,892
Rio Blanco Rio Grande Routt	294,259 126,638 422,175	282,485 120,110 410,873	267,352 121,051 379,884	239,475 124,089 358,516	151,782 105,294 255,707	99,872 87,613 188,763
Saguache San Juan San Miguel Sadgwick	456,039 200 207,545 92,212	435,073 200 202,476	436,301 200 190,965	421,079 200 178,088	367,643 200 108,427	226,221 200 69,054
Summit	30,998	30,849	27,844	29,452	22,720	16,922
Teller	122,771 266,173	119,078 273 886	117,191 338 885	115,923	91,867	88,437
Weld	1,169,830	1,161,048	1,178,960	1,182,871	1,011,289	1,192,886
State	729,834 21,179,940	725,679 20,715,215	702,253 20,317,793	744,607 19,542,636	668,467 15,071,165	285,540 15,38 <b>1,0</b> 78
		1				

## AVERAGE VALUE OF IRRIGATED AND DRY FARMING LAND PER ACRE AS RETURNED ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1927, 1928

	I	IRRIGATED LAND				DRY FARMING LAND					
COUNTY	1928	1927	1920	1914	1928	1927	1920	1914			
Adams Alamosa Arapahoe Archuleta	\$ 92.55 40.00 140.80 41.70	\$ 93.77 38.00 141.04 41.92	\$ 92.94 48.00 126.09 41.35	\$ 77.78 13.44 99.52 24.74	\$ 11.13 15.00 9.96 10.12	\$ 11.10 15.00 9.98 10.39	\$ 13.76 15.00 13.50 10.21	\$ 15.67 12.74 7.44			
Baca Bent Boulder	12.50 79.32 108.53	12.50 79.71 108.22	25.00 110.96 113.09	$\begin{array}{r} \overline{65.04} \\ 71.42 \end{array}$	6.25 16.39 34.68	$\begin{array}{r} 6.06 \\ 15.48 \\ 34.68 \end{array}$	$5.42 \\ 15.00 \\ 36.05$				
Chaffee Cheyenne Clear Creek	49.78	49.85	56.93	52.31 	10.38	10.39	12.67				
Conejos Costilla Crowley Custer	44.97 29.10 90.36 30.00	44.98 28.88 89.48 30.00	45.00 30.00 89.32 40.00	36.22 21.69 87.77 34.16	3.00 9.11 14.41	3.00 9.01 16.31	10.00 20.53 20.88	18.93			
Delta Denver Dolores Douglas	66.50 645.00 20.00	62.34 554.83 20.00	89.09 481.10 20.00	76.00 481.77 18.00	17.61 10.21 17.59	18.70 10.20 17 59	24.74 10.01 18.09				
Eagle	64.46	65.30	69.89 46.06	43.70 71.33 40.00 78.00	14.46	14.51	16.54	6.01			
Fremont	83.36	89.55	66.94	76.68	10.38	9.94	8.74	9.46			
Garfield	70.52	70.02	70.73	71.70	19.98	18.38	15.89	17.22			
Grand Gunnison	$     34.41 \\     41.70 $	36.72 41.00	$\begin{array}{r} 35.67\\ 46.76\end{array}$	$20.00 \\ 34.07$							
Hinsdale Huerfano	15.00 60.62	15.00 42.76	14.00 38.20	10.94 31.94	10.00 7.61	10.00 7.23	7.00				
Jackson Jefferson	113.63	113.74	29.77 148.00	15.00 150.32	23.21	26.93	33.00	25.00			
Kiowa Kit Carson	40.00	39.75	75.00	20.00	9.92 13.69	7.92 15.28	17.78	4.00			
Lake La Plata Larimer Las Animas Lincoln	42.65 104.50 50.44	42.53 106.00 52.16	45.95 131.00 59.00	49.40 72.06 48.22	15.90 19.00 10.00 10.72	14.36 18.00 10.00 11.07	16.83 24.96 20.00 13.11	18.28 13.83 16.38			
Logan Mesa	71.80	72.00	82.79	45.65 94.53	15.00	15.14	26.01	9.92			
Mineral Moffat Montezuma Montrose Morgan	13.63 37.22 36.26 48.52 79.55	13.88 35.50 36.71 52.41 79.55	$ \begin{array}{r} 11.35 \\ 49.54 \\ 37.70 \\ 71.51 \\ 93.02 \end{array} $	$ \begin{array}{r} 17.78 \\ 37.55 \\ 37.00 \\ 55.08 \\ 49.54 \\ \end{array} $	10.36 18.30 18.01 10.73	6.60 19.61 18.46 11.25	12.04 15.04 18.07 13.84	15.40     17.00     15.14     14.47			
Otero Ouray	$94.11 \\ 51.13$	106.91 51.10	122.48 68.29	100.47 40.15	10.62 10.00	10.53 10.00	$15.82 \\ 12.50$	14.48 16.23			
Park Phillips Pitkin Prowers Pueblo	$     48.00 \\     64.98 \\     98.45 $	55.44 65.00 99.14	58.08 86.78 98.82	53.97 59.75 102.49	$15.00 \\ 25.97 \\ 20.00 \\ 5.73 \\ 16.05$	15.02 26.49 6.06 16.10	15.00 31.30 22.92 26.65 16.81	15.00 7.49 24.00 15.56			
Rio Blanco Rio Grande Routt	62.40 51.74 49.97	66.27 50.04 49.63	67.45 87.40 41.58	64.95 39.18 38.01	16.91 20.13	21.88 20.00	$22.43 \\ 24.00 \\ 27.22$	27.63 19.90			
Saguache San Juan San Miguel Sedgwick Summit	44.00 38.36 72.26 36.49	44.00 38.00 76.88 35.10	39.53 40.00 63.61 35.00	42.00 34.50 43.06 24.92	17.69 21.72	19.40 21.59	24.00 29.16	21.00 8.00			
Teller			117.04		10.01	10.28	10.18	10.00			
Weld	61.10 87.21	94.90	117.94 110.64	70.00	9.37	11.03	17.86	11.05			
Yuma	40.28	45.96	61.00	22.21	19.44	19.52	21.00	6.12			
State	\$ 73.96	\$ 75.51	\$ 83.52	\$ 62.11	\$ 12.09	\$ 12.40	\$ 10.10	\$ 9.91			

AVERAGE	VALUE OF G	<b>GRAZING AND</b>	NATURAL H	HAY LAND	PER	ACRE AS	RETURNED
	ANNUALLY	BY COUNTY	ASSESSORS	FOR 1914,	1920,	1927, 192	8

	1	GRAZIN	IG LAND	,	NATURAL HAY LAND			
COUNTY	1928	1927	1920	1914	1928	19,27	1920	1914
Adams	\$ 7.00	\$ 7.05	\$ 9.20	\$ 5.33	\$23.83	\$24.00		
Alamosa	2.81	2.85	4.35	5.08	30.00	30.00	\$30.00	\$18.00
Arapahoe	5.05	5.05	8.10	4.91	31 13	31.08		
///		2.01	0.15		01.10	01.00	1	
Baca	3.46	3.43	3.25	3.12				
Boulder	8.70	8.75	9.49	10.37			17.71	
(1) - (T	9.00	0.70	4.50	4.05				
Chevenne	3.90	3.76	4.53	4.05				
Clear Creek	10.23	10.39	9.15	4.04				
Conejos	1.87	1.86	3.07	5.00	20.00	20.00	22.06	25.00
Crowley	4.33	4.37	4.66	9.74	20.00	20.00	20.00	20.00
Custer	3.33	3.43	4.23	4.45	39.80	40.19		41.17
Delta	4.41	4.50	3.09	11.65				
Denver	9.74	0.75	1.50					
Douglas	4.18	4.19	4.50	4.96	50.20	50.11	50.04	10.00
Feels	4.04	4.10	4.10	0.50				
Elbert	4.04	4.10	4.18	2.79	44 37	44 39	37 30	24 90
El Paso	5.00	5.00	8.99	5.95	46.50	46.50	46.50	35.00
Fremont	3.56	3.28	4.15	4.10	35.00	35.00	35.00	28.00
Carfold	3 02	2 07	9 59	1 20				
Gilpin	3.35	2.86	3.00	3.00				
Grand	3.56	3.57	3.47	4.92				
Gunnison	5.19	0.21	4.13	3.34				
Hinsdale	3.67	3.70	3.71	2.15	05.40			
nueriano	2.99	5.01	4.00	3.01	37.46	37.22		
Jackson	2.25	2.63	4.86	2.02	15.00	20.00		
Viewe	4.40	4.20	10.00	0.00				
Kit Carson	3.81	5.81	8.45	4.57	30.07	29.67	37.08	10.00
Lake	7.35	6.56	7.16	6.41				
La Plata	3.65	3.62	3.90	4.60				
Las Animas	2.94	3.74	4.60	3.66	20.00	20.00	25.00	26.00
Lincoln	5.36	5.71	8.65	5.01	28.63	29.05	29.01	
Logan	3.50	4.00	7.84	4.46	22.50	22.50	25.54	
Mesa	4.55	4.51	5.82	6.22	132.37	05.00		
Moffat	2.69	2.69	4.76	4.02 5.98	25.66	25.00 25.78	25.00	25.00
Montezuma	2.98	2.98	3.01	3.99				
Montrose	4.43	3.03	4.04	3.84	23 50	23 50	23 51	16 16
Otero	2.95	3.14	4.22	4.74		20100	20.01	10.10
Ouray	3.47	3.47	4.00	3.85	12.00	12.00	10.35	
Park	2.83	2.92	3.42	3.18	37.40	37.04	37.16	36 36
Phillips	3.22	3.49	9.14	0.51				
Prowers	2.80	3.00	5.26	$\frac{2.51}{3.15}$	21.26	24.55	30.32	27 72
Pueblo	3.95	3.95	4.03	3.35				
Rio Blanco	3.28	4.00	4.60	4.33	49.74	53.70	38.96	48.95
Rio Grande	5.10	5.16	6.08	5.46	23.42	22.14	32.50	00.00
Saguache	2 97	2.00	5 10	0.10	25.00	0E 00	00.10	10.00
San Juan	6.40	6.40	6.40	6.40	25.00	25.00	28.10	18.00
San Miguel	3.43	3.47	4.96	5.49	10.10	10.00	15.05	15.10
Summit	4.91	4.71	5.00	$\frac{4.00}{3.76}$	18.46	18.02	15.25	15.18
Teller	2.06	2.42	2.16	2.01	16.12	18.11	15.38	14.95
Washington	4.13	4.14	9.80		1			16.00
Weld	3.69	4.35	5.93	4.45	18.57	20.81	24.50	18.47
Yuma	3.61	3.68	5.50	2.71	32.42	30.50	29.00	
State	\$ 3.67	\$ 3.92	\$ 5.87	\$ 4.41	\$26.07	\$26.43	\$29.25	\$23.78
		1	1					

## Livestock

DECREASE in the number of A horses, mules and beef cattle in Colorado in comparison with the preceding year, an increase in the numbers of hogs, sheep and milk cows, with a gross increase of more than \$14,000,000 in the value of all livestock over the total for the preceding year, marked the livestock situation in Colorado on January 1, 1929. The estimated value of all classes of livestock on that date was \$125,451,000. compared with \$110,982,000 on January 1, 1928, the 1929 figure being the highest reported since 1920, when all Colorado livestock was valued at \$152,936,000-a figure which reflected the war values, rather than any actual growth in the industry.

Of the aggregate value of all livestock at the beginning of the year, \$16,404,000 represents the value of horses and mules of all ages; \$72,-802,000 is the value of all cattle; \$29,615,000 is the value of sheep and lambs, and \$6,630,000 represents the swine industry. Horses, although declining consistently in numbers, the 1929 total being only 73 per cent of the 1920 figures, show an increase in value over the past two years, due to higher market prices. Cattle are estimated at the same number shown in 1928, and although fewer in numbers than in any other year since 1920, are quoted at much higher market prices than in recent years and therefore show a substantially increased value. Sheep and lambs, although below the number reported in 1928, are more numerous than shown by any previous report, and with encouraging prices prevailing, show a marked increase in value. Hogs of all ages show a larger total than in any year since 1924, but with somewhat lower prices represent a loss in value in comparison with the last two years.

As the tables shown on succeeding pages are comprehensive and easily construed by the reader, no attempt is made here to make intricate comparisons with other years as to numbers, prices or values, it being considered sufficient to state the general situation.

#### CATTLE AND SHEEP FEEDING

Colorado continues to hold its place as one of the important cattle feeding markets of the country and as the leading lamb feeding state of the nation. The following tables show the estimated numbers of cattle and of sheep and lambs on feed on January 1 of the years named:

VAL	THE ON T			
	1929	1928	1927	1926
Northern Colorado	120,000	120,000	130.000	100.000
Arkansas Valley	10,000	12,000	12,000	12,000
Western Slope	3,000	4,000	4,000	4,000
Other Sections	3,000	4,000	4,000	4,000
State Total	136,000	140,000	150,000	120,000

#### SHEEP AND LAMBS ON FEED

Year	Northern Colorado	Arkansas Valley	San Luis Valley	Western Slope	State Total	Jan. 1 to May 31
1922	760,000	225,000	30,000	25,000	1,040,000	4,095
1923	1,175,000	235,000	65,000	25,000	1,500,000	5,697
1924	1,150,000	170,000	55,000	25,000	1,400,000	5,539
1925	1,250,000	265,000	60,000	25,000	1,600,000	6,850
1926	1,090,000	285,000	75,000	25,000	1,475,000	6,311
1927	520,000	177,000	54,000	19,000	770,000	3,486
1928	1,260,000	275,000	35,000	10,000	1,580,000	6,809

The numbers of sheep and lambs on feed in all sections of the state on January 1 of each year commencing with 1914 were as follows:

Year	Number	Year	Number	Year	Number
1914	1,300,000	1919	940,000	1924	1,400,000
1915	1,116,000	1920	950,000	1925	1,600,000
1916	1,150,000	1921	1,283,000	1926	1,475,000
1917	1,250,000	1922	1,040,000	1927	770,000
1918	1,135,000	1923	1,500,000	1928	1,580,000

Colorado has two public stockyards which report regularly to the federal government and which indicate in a measure the marketing trend in the Rocky Mountain region. Local packing establishments consume a large proportion of the livestock marketed at the Denver yards, but the Pueblo manufacturers use only a comparatively small proportion of the total receipts at the yards in that city. Receipts of all classes of livestock at the two stockyards for the last four years are shown in the following table:

	DEI	NVER ST	OCKYAF	DS	PUEBLO STOCKYARDS			
	1925	1926	1927	1928	1925	1926	1927	1928
Cattle, excluding calves	. 526,625	472,654	577,004	590,382	107,840	91,155	116,282	126,005
Horses and Mules	43,922	29,210 497 047	26,775 456 917	23,544	4,263 2,718 28,633	4,423 2,303 11,258	2,913	15,942
Sheep and Lambs	2,357,010	1,825,922	1,908,216	2,295,034	713,149	809,941	902,563	849,708

In addition to the sheep and lambs marketed by Colorado growers and feeders, the production of wool is becoming an important feature of that branch of agriculture. Estimates covering the last four years show annual wool production as follows:

Year	Number Sheep Shorn	Av. Weight of Fleeces, Lbs.	Pounds of Wool
1925	940,000	7.3	6,862,000
1926	1,032,000	7.5	7,740,000
1927	1,112,000	7.3	8,118,000
1928	1,162,000	7.6	8,831,000

While reports shown in the accompanying tables indicate a marked variance between the figures published by the Colorado Co-operative Crop Reporting service and the reports of the county assessors of the several counties, it should be borne in mind that these two sets of figures are not comparable for the reason that they are taken at different seasons and on different bases. The reader should not attempt comparisons or reach any conclusion as to completeness or incompleteness, as they represent wholly different situations. Both reports are used in this volume for the purpose of making public all available information concerning the subject.

NUMBER	AND	VALUE	OF	LIVESTOCK	ON	FARMS
		(Censu	is R	eports)		

	Jan	. 1, 1925	Jan.	1, 1920	Aril 15, 1910		
	Number	Value	Number	Value	Number	Value	
Horses	365.425	\$ 15.090.758	420,704	\$ 31,816,018	294,035	\$ 27,382,926	
Mules	38,073	2,092,090	31,125	3,384,824	14,739	1,798,535	
Asses and Burros_	*	*	3,099	166,019	3,233	136,732	
Cattle	1,436,150	37,773,216	1,756,616	94,929,748	1,127,737	31,017,303	
Sheep	2,243,869	22,740,036	1,813,255	19,355,618	1,426,214	6,856,187	
Goats	21,525	107,625	28,688	164,924	31,611	80,644	
Swine	492,962	5,248,245	449,866	7,802,084	179,294	1,568,158	
Poultry	3,751,618	2,852,991	2,994,347	2,924,006	1,721,445	1,012,251	
Total	8,349,622	\$ 85,904,961	7,497,700	\$160,543,241	4,798,308	\$ 69,852,736	

\*Not reported separately.

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

		COLORA	DO		UNITED STATES				
	Nu	mbers	Value	es, Dollars	Nu	mbers	Value	es, Dollars	
	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate	
1910		*294,000	\$93.13	\$27,380,000	1	*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	1,036,843,000	
1927	97.0	331,000	44.00	14,461,000	96.5	15,133,000	64.14	970,703,000	
1928	98.0	324,000	43.00	13,841,000	96.0	14,541,000	67.05	974,855,000	
1929	95.0	308,000	47.00	14,554,000	96.5	14,029,000	69.95	981,331,000	
			MU	LES AND MU	JLE COL	TS			

HORSES AND 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 90.00 117.52 656.455.000 2,912,000 102.0 5,586,000 1922 106.2 502,563,000 34,000 70.00 2,380,000 100.9 5,638,000 89.14 1923 106.0 36,000 62.00 2,228,000 5,702,000 87.17 497,044,000 101.1 1924 492,209,000 105.5 38,000 61.00 2,314,000 100.5 5,730,000 85.90 1925 473,646,000 102.6 \*39,000 57.00 2,225,000 100.01 5,725,000 82.24 1926 467,760,000 100.0 38,000 59.00 2,243,000 100.3 5,740,000 81.49 1927 97.0 36,000 55.00 1,996,000 98.5 5,652,000 74.57 421,467,000 1928 92.0 33,000 56.00 1,845,000 97.9 5,532,000 79.71 440,958,000 1929 97.0 32,000 58.00 1,850,000 98.5 5,447,000 82.20 447,727,000

COWS AND HEIFERS 2 YEARS OLD AND OVER KEPT FOR MILK

	0.7.0	1				1			
1	910		*145,000	T	1		20,625,000	\$35.29	\$727,802,000
1	920		<b>*</b> 202,00 <b>0</b>	\$87.00	\$17,574,000		21,427,000	81.51	1,746,412,000
1	921	100.0	202,000	70.00	14,140,000	99.9	21,408,000	61.19	1,309,892,000
1	922	101.9	206,000	57.00	11,742,000	101.7	21,788,000	48.68	1,060,574,000
19	923	101.4	209,000	53.00	11,077,000	101.2	22,063,000	48.67	1,073,880,000
19	924	103.8	217,000	50.00	10,850,000	100.8	22,255,000	49.94	1,111,510,000
1	925	103.2	*224,000	45.00	10,080,000	101.1	22,498,000	48.39	1,088,597,000
1	926	100.0	224,000	50.00	11,200,000	101.7	22,188,000	55.02	1,220,764,000
1	927	107.1	240,000	56.00	13,440,000	98.2	21,801,000	59.58	1,299,004,000
1	928	101.0	242,000	71.00	17,182,000	100.1	21,824,000	73.93	1,613,373,000
1	929	101.0	244,000	77.00	18,788,000	100.1	21,820,000	84.59	1,845,675,000

HEIFERS 1 TO 2 YEARS OLD BEING KEPT FOR MILK COWS

						the second se
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		 103.4	4,201,000	 
1929	102.0	51,000		 104.2	4,377,000	 

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

		COLORA	.D <b>O</b>		UNITED STATES					
	N	umbers	Valu	es, Dollars	N	lumbers	Value	Values, Dollars		
	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate		
1910		*1,130,000	†\$27.50	†\$31,017,000		*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	86.20	51,320,000	96.1	56,832,000	40.29	2,289,551,000		
1928	93.0	1,317,000	46.70	61,459,000	98.3	55,681,000	51.10	2,845,067,000		
1929	100.0	1,317,000	55.30	72,802,000	100.1	55,751,000	59.35	3,308,837,000		

ALL CATTLE AND CALVES

SHEEP AND LAMBS

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	144.7	2,806,000	9.70	27,157,000	106.3	44,554,000	10.25	456,687,000
1929	99.0	2,780,000	10.60	29,615,000	105.9	47,171,000	10.60	500,058,000

#### SWINE, INCLUDING PIGS

1910	1	*179.000	88.75	\$1 568 000		*58 186 000	\$9.17	\$533 309 000
1010		110,000	\$0.10	φ1,000,000		55,100,000	\$J.1.	\$000,000,000
1920		*450,000	18.00	8,100,000		59,813,000	20.00	1,199,406,000
1921	92.0	414,000	12.30	5,092,000	98.1	58,711,000	13.35	799,757,000
1922	109.9	455,000	9.60	4,368,000	101.0	59,355,000	10.59	630,935,000
1923	130.1	592,000	10.50	6,216,000	115.3	68,447,000	12.31	849,680,000
1924	97.1	575,000	9.67	5,428,000	96.3	65,937,000	10.30	683,766,000
1925	85.5	*493,000	11.00	5,423,000	84.5	55,568,000	13.20	733,742,000
1926	90.0	443,000	13.60	6,004,000	93.8	52,148,000	15.80	824,100,000
1927	100.0	443,000	16.00	7,073,000	105.0	54,788,000	17.25	945,012,000
1928	115.0	509,000	13.10	6,690,000	110.2	60,420,000	13.16	794,941,000
1929	108.0	550,000	12.00	6,630,000	91.0	54,956,000	13.01	714,760,000

#### TOTAL VALUE OF ALL LIVESTOCK JAN. 1

	Colorado	United States		Colorado	United States
1910	\$ 68,620,000	\$4,910,975,000	1924	\$ 87,065,000	\$4,681,505,000
1920	152,936,000	7,989,775,000	1925		0 4,616,436,000
1021	110 301 000	5 950 904 000	1926	95,403,000	0 4,943,096,000
1521	110,001,000	0,000,001,000	1927	93,344,00	0 5,033,321,000
1922	89,908,000	4,683,689,000	1928	110,982,000	0 5,513,000,000
1923	92,851,000	4,994,239,000	1929	125,451,000	5,953,000,000

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

· HC	HORSES			MULES			RANGE CATTLE		
Year Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head	
1910246,975 1911259,990 1912255,511	<b>7,752,000</b> <b>7,254,000</b>	29.81 28.38	14,277 16,741 16,821	<b>*</b> 524,559 601,292 600,442	35.91 35.69			••••	
<b>1913281,704</b> <b>1914279,826</b> <b>1915296,368</b>	18,028,000 18,211,000 20,031,000		19,329 19,635 23,284	1,568,328 1,669,737 1,991,820	$81.12 \\ 85.03 \\ 85.54$	793,957 868,261 997,823	\$23,912,000 30,167,000 37,548,000	\$30.11 34.73 37.63	
<b>1916308,062</b> <b>1917326,002</b> <b>1918352,794</b>	21,729,000 23,837,000 26,836,000	$70.54 \\ 73.12 \\ 76.05$	26,280 29,269 29,838	2,303,481 2,716,010 2,843,990	$87.64 \\ 92.80 \\ 95.31$	1,063,153 1,147,428 1,262,616	41,864,000 46,533,000 55,236,000	$39.38 \\ 40.56 \\ 43.75$	
<b>1919354,868</b> <b>1920337,903</b> <b>1921333,669</b>	25,254,000 22,856,000 18,495,000	71.16 67.65 55.42	30,045 28,682 29,539	2,660,731 2,476,076 2,054,836	$88.56 \\ 86.33 \\ 69.56$	1,286,547 1,187,480 1.123.594	56,989,000 51,334,000 31,856,000	44.30 42.38 28.35	
<b>1922318,808</b> <b>1923304,262</b> <b>1924 290</b> 784	15,350,168 11,901,589 10,722,327	48.15 39.12 36.87	31,741 32,528 35,325	1,787,269 1,499,818 1,495,797	$56.31 \\ 46.10 \\ 42.34$	1,112,299 1,060,189 972,984	29,719,000 26,084,000 20,619,000	26.72 24.60 21.20	
1925280,094 1926268,346 1927	10,248,460 9,634,799	36.59 35.90	32,939 31,653	1,417,710 1,335,301 1,250,836	43.04 42.19	905,618 828,797	18,023,000 17,095,126	19.90 20.62	
1928239,759	8,207,666	34.23	26,189	1,116,295	42.63	796,725	23,622,220	29.64	

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
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	\$3,324,000 4,994,869 5,786,218 6,727,172 7,919,512 9,449,630 10,170,007 10,169,207 7,981,591 7,295,697 6,245,287 6,038,056 5,789,318 5,795,951 6,467,821 7,390,272	\$45.06 51.10 57.26 63.69 68.91 71.06 555.02 48.92 43.62 43.62 43.62 43.62 43.62 43.62 43.62 43.62 43.62 43.62 43.62 43.63 43.78 43.78	$1,463,861\\1,757,771\\1,352,900\\1,559,560\\1,575,545\\1,157,554\\1,157,554\\1,157,544\\1,003,168\\1,164,411\\1,089,037\\815,873\\815,873\\815,873\\815,873\\815,874\\850,680\\1,014,931\\1,212,716\\1,260,863\\$	$\begin{array}{r} \$2.165.838\\ 2.400,404\\ 1.788.897\\ 4.776.626\\ 4.853.413\\ 4.032.950\\ 5.092,433\\ 7.182.427\\ 12.659.415\\ 11.386.972\\ 9.230.084\\ 3.216.728\\ 3.441.986\\ 3.346.728\\ 3.3441.986\\ 6.188.636\\ 7.421.145\\ 9.028.761\\ 10.234.087\\ \end{array}$	\$1.48 1.36 1.32 3.02 3.12 3.48 4.48 4.88 7.16 10.46 3.76 4.22 4.22 5.57 5.79 7.19 7.31 7.45 8.12	60,871 75,954 70,261 83,859 112,342 163,143 181,169 194,576 199,988 182,097 175,064 209,017 259,917 246,163 183,176 140,768 144,058	$\begin{array}{c} \$ & 253,678 \\ 281,762 \\ 245,102 \\ 630,919 \\ 883,609 \\ 1,183,742 \\ 1,359,799 \\ 1,630,154 \\ 2,768,632 \\ 2,955,440 \\ 2,129,493 \\ 1,619,404 \\ 1,882,647 \\ 1,882,647 \\ 1,460,864 \\ 1,246,258 \\ 1,637,001 \\ 1,675,270 \end{array}$	\$4.16 3.68 3.48 7.52 7.50 7.50 7.50 7.50 9.86 14.23 15.14 12.00 9.87 9.14 8.61 7.29 7.92 8.85 9.93 9.93

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 1	CATTLE FED IN TRANSIT				
Year	Number	Assessed Value	Number	Assessed Value	
1916	$\begin{array}{ccccc} & 47,292 \\ & & 77,211 \\ & & 78,651 \\ & & 84,907 \\ & & 73,163 \\ & & 77,813 \\ & & 82,430 \\ & & 83,248 \\ & & 85,829 \\ & & & 92,357 \\ & & 96,495 \\ & & & 122,462 \\ & & & 101,377 \end{array}$	$\begin{array}{c} \$ \hspace{0.5mm}927,860 \\ 1,149,145 \\ 1,447,860 \\ 1,643,400 \\ 1,286,830 \\ 1,077,590 \\ 685,285 \\ 581,495 \\ 708,895 \\ 760,645 \\ 928,495 \\ 1,156,235 \\ 1,239,890 \end{array}$	$\begin{array}{r} 767,468\\ 946,156\\ 806,560\\ 656,455\\ 666,810\\ 1,029,242\\ 762,872\\ 1,187,399\\ 1,137,349\\ 1,370,479\\ 1,311,481\\ 678,984\\ 1,392,935\\ \end{array}$	$\begin{array}{c} \$ & 591,870 \\ & 929,650 \\ 1,420,495 \\ 1,151,155 \\ & 929,150 \\ 679,600 \\ 730,805 \\ 1,115,946 \\ 1,185,710 \\ 1,485,635 \\ 1,270,847 \\ & 883,166 \\ 1,660,625 \end{array}$	

Note: Assessment made on April 1. Cattle and Sheep Fed in Transit cover cattle and sheep in feed lots after January 1.

## HORSES IN COLORADO, 1927 AND 1928 (From Reports of County Assessors to the State Tax Commission.)

		1927		1928			
COUNTY	Number	Assessed Value	Av. Per Head	Number	Assessed Value	Av. Per Head	
Adams	6,190	\$ 230,720	\$37.27	6,201	\$ 224,020	\$36.13	
Alamosa	1,830	98,675	53.92	1,845	110,440	59.86	
Arapahoe	3,187	106,740	33.49	3,052	102,725	33.66	
Archuleta	1,220	42,930	35.10	1,014	36,140	35.64	
Baca	7,808	163,285	20.91	7,011	161,580	23.05	
Bent	4,039	116,950	28.95	3,958	111,195	28.09	
Boulder	3,485	157,740	45.27	4,147	176,780	42.63	
Chaifee	1,0574,0972522,0171,3412,7141,163	55,760	52.75	1,077	49,340	45.81	
Cheyenne		91,765	22.39	3,876	101,255	26.12	
Clear Creek		10,330	41.00	230	8,870	38.36	
Conejos		82,960	41.13	2,205	86,955	39.44	
Costilla		49,600	36.99	1,172	50,715	43.27	
Crowley		98,205	36.18	2,593	90,715	34.98	
Custer		32,015	27.53	1,153	34,200	29.67	
Delta	4,284	168,025	39.22	4,209	155,560	36.96	
Denver	708	32,310	45.62	551	24,650	44.74	
Dolores	662	20,950	31.64	657	21,515	32.75	
Douglas	2,144	106,915	49.86	2,050	103,680	50.57	
Eagle	2,582	112, <b>3</b> 31	43.50	2,527	105,670	41.81	
Elbert	6,297	215,905	34.29	6,215	214,825	34.56	
El Paso	5,511	157,700	28.61	5,501	153,990	28.00	
Fremont	1,662	55,981	35.68	1,439	46,915	32.60	
Garfield	4,936	199,205	40.36	4,710	184,4155,42563,100106,060	39.15	
Gilpin	144	5,380	37.00	152		35.69	
Grand	2,427	67,795	27.93	2,194		28.76	
Cunnison	2,873	120,260	42.00	2,688		39.45	
Hinsdale	172	5,370	31.22	161	<b>5,130</b>	31.87	
Huerfano	2,715	148,865	54.83	2,376	71,837	30.23	
Jackson	2,895	50,340	17.38	2,540	49,400	19.45	
Jefferson	3,239	112,340	34.68	3,229	105,010	32.52	
Kiowa	1,368	54,720	40.00	1,276	51,040	40. <b>0</b> 0	
Kit Carson	9,238	240,500	26.03	9,381	260,380	27. <b>76</b>	
Lake	302	12,24094,715387,620152,995130,720404,560	40.53	281	10,305	36.67	
La Plata	3,131		30.25	3,240	99,995	30.86	
Larimer	8,269		46.87	8,213	341,005	41.52	
Las Animas	6,813		22.46	6,498	136,326	20.98	
Lincoln	5,843		22.37	5,894	133,390	22.63	
Logan	10,788		37.50	10,700	394,215	36.84	
Mesa Mineral Moffat Montezuma Montrose Morgan	6,201 267 5,186 2,683 4,047 8,791	$\begin{array}{r} 241,840\\ 7,565\\ 104,585\\ 89,865\\ 165,345\\ 344,040\end{array}$	39.00 28.33 20.16 33.50 40.85 39.14	5,662 297 5,223 2,548 3,605 5,328	$\begin{array}{r} 211,310\\ 8,060\\ 104,680\\ 83,190\\ 137,905\\ 320,680\end{array}$	37.32 27.14 20.04 32.65 38.25 38.50	
Otero	7,014	216,890	30.92	6,123	186,195	30.41	
Ouray	710	23,400	32.96	660	21,760	32.97	
Park	1,8414,1101,1038,3374,599	69,265	37.62	1,782	71,640	40.20	
Phillips		150,340	36,57	3,631	141,165	38.87	
Pitkin		47,955	43.48	957	38,585	40.32	
Prowers		190,765	23.00	7,874	183,360	37.62	
Pueblo		187,630	40.80	4,313	172,805	40.07	
Rio Blanco	3,548	93,185	26.26	3,072	96,435	31.40	
Rio Grande	2,720	143,911	52.90	2,702	133,365	49.36	
Routt	6,323	241,840	38.24	6,200	229,320	36.99	
Saguache	2,825	92,900	32.88	2,690	92,005	34.20	
San Juan	44	2,135	48.52	45	2,165	48.11	
San Miguel	994	47,370	47.65	868	41,425	47.73	
Sedgwick	3,797	155,680	41.00	3,409	138,630	40.67	
Summit	576	25,435	44.15	456	19,608	43.00	
Teller	1,013	36,980	36.51	735	29,170	39.69	
Washington	10,134	269,025	26.55	9,604	247,810	25.80	
Weld	24,916	1,114,430	44.60	24,353	1,024,280	42.06	
cuma	8,826	306,210	34.70	8,406	283,350	33.71	
State	250,008	\$8,764,003	\$35.06	239,759	\$8,207,666	\$34.23	

## MULES IN COLORADO, 1927 AND 1928 (From Reports of County Assessors to the State Tax Commission.)

		1927			1928	
COUNTY	Number	Assessed Value	Av. Per Head	Number	Assessed Value	Av. Per Head
Adams	438	\$ 16,510	\$37.69	436	\$ 15,990	\$36.67
Alamosa	151	11,275	74.67	166	13,000	78.31
Arapahoe	132	7,700	58.33	228	9,390	41.18
Archuleta	51	2,125	41.67	46	1,890	41.09
Baca	2,013	54,985	27.31	1,240	37,840	30.52
Bent	862	25,865	30.00	576	20,195	35.06
Boulder	497	22,220	44.71	425	21,840	51.39
Chaffee	22	1,215	55.22	10	560	56.00
Cheyenne	689	21,910	31.79	549	19,315	35.18
Clear Creek	7	380	54.28	4	115	28.75
Conejos	190	9,285	49.00	196	9,630	49.13
Costilla	98	4,005	40.87	97	4,295	44.28
Crowley	429	21,230	49.49	407	19,700	48.40
Custer	62	1,780	28.72	40	1,220	30.50
Delta	356	16,275	45.72	360	14,790	41.08
Denver	11	900	81.81	32	2,690	84.06
Dolores	81	2,690	33.20	80	2,350	29.38
Douglas	142	8,590	60.49	77	4,485	58.25
Eagle	74	4,060	54.86	88	4,760	54.09
Elbert	891	36,215	40.65	849	33,260	39.18
El Paso	1,131	45,570	34.24	1,278	44,970	35.19
Fremont	326	12,155	37.28	146	8,275	57.00
Garfield	236	10,990	46.55	243	10,850	44.65
Gilpin	4	155	38.75	4	105	26.25
Grand	33	1,465	44.39	26	855	32.88
Gunnison	225	12,105	54.00	223	11,180	51.15
Hinsdale Huerfano	21 576	1,000 41,955	47.62 72.84	507	42,130	83.10
Jackson	47	1,620	34.46	50	1,660	32.20
Jefferson	159	8,285	52.10	158	7,655	48.4
Kiowa	284	11,360	40.00	196	7,840	40.0
Kit Carson	1,723	51,935	30.14	1,418	43,360	30.5
Lake La Plata Larimer Las Animas Lincoln Logan	122 824 1,363 1,072 1,200	4,515 42,570 87,840 30,585 47,905	37.00 51.66 64.45 28.53 40.00	190 998 1,045 942 1,070	5,950 51,800 73,505 27,070 44,345	31.3 51.9 70.3 28.7 41.2
Mesa	400	21,890	54.72	352	$16,750 \\ 450 \\ 5,875 \\ 11,145 \\ 7,025 \\ 42,780$	47.5
Mineral	10	550	55.00	8		56.2
Moffat	247	6,825	27.63	178		33.0
Montezuma	307	11,655	38.00	312		35.7
Montrose	258	8,925	34.59	179		39.2
Morgan	1,003	43,880	45.75	960		44.5
Otero Ouray	1,161 27	50,175 1,410	40 22 52.22	1,078	47,475	44.0 44.4
Park	74	4,010	54.20	72	3,750	52.1
Phillips	863	34,875	40.41	662	26,485	40.0
Pitkin	17	700	41.18	15	590	39.3
Prowers	. 1,637	48,230	29.46	1,102	29,790	27.0
Pueblo	491	24,950	50.82	434	21,615	49.8
Rio Blanco Rio Grande Routt	215 817	9,080 44,021	42.23 53.88	249 705	10,545 39,240	42.3 55.6
Saguache	317	11,810	37.25	287	11,000	38.3
San Juan	33	1,470	44.54	31	1,345	43.3
San Miguel	59	2,550	43.22	42	1,945	46.3
Sedgwick	465	19,980	42.97	424	19,155	45.1
Summit	10	500	50.00	8	400	50.0
Teller	54	2,840	52.59	50	2,700	54.0
Washington	901	25,925	28.77	819	23,280	28.4
Weld	2,621	120,390	45.94	2,328	116,000	49.8
Yuma	1,777	72,970	41.07	1,467	56,890	38.7
State	. 30,306	\$1,250,836	\$41.27	26.189	\$1,116,295	\$42.6

## BEEF CATTLE IN COLORADO, 1927 AND 1928 (From Reports of County Assessors to the State Tax Commission.)

		1927		1928			
COUNTY	Number	Assessed Value	Av. Per Head	Number	Assessed Value	Av. Per Head	
Adams	5,625	\$ 124,290	\$22.09	5,867	\$ 184,480	\$31.44	
Alamosa	6,423	140,015	21.80	€,433	182,190	28.32	
Arapahoe	5,517	127,400	23.08	6,044	181,440	30.02	
Archuleta	11,120	253,895	22.83	9,147	280,365	30.65	
Baca	17,395	404,375	23.24	20,181	596,465	29.56	
Bent	12,313	261,130	21.21	13,111	378,445	28.86	
Boulder	3,447	83,940	24.35	5,035	160,140	31 81	
Chaffee	3,992	98,225	24.60	4,992	146,490	29.34	
Cheyenne	16,058	411,175	25.60	14,502	491,635	33.90	
Clear Creek	309	6,775	21.92	291	8,320	28.60	
Conejos	8,691	200,665	23.09	10,612	297,230	28.01	
Costilla	1,778	35,560	20.00	1,787	53,695	30.05	
crowley	9,849	218,455	22.18	10,341	303,195	29.32	
Custer	6,988	151,950	21.74	6,809	211,305	31.04	
Delta	21,470	453,415	21.12	19,802	577,755	29.18	
Dolores	4,043	89,420	22.11	4,550	136,975	30.10	
Douglas	10,574	236,490	22.37	11,322	340,160	30.05	
Eagle	17,524	407,624	23.26	16,319	456,906	28.00	
Elbert	18,890	454,727	24.07	19,702	621,221	31.53	
El Paso	18,493	400,200	21.64	20,750	611,710	29.49	
Fremont	8,789	206,985	23.55	7,522	214,790	28.55	
Garfield	25,055	562,085	22.46	22,281	632,695	28.40	
Gilpin	415	8,300	20.62	592	17,093	28.87	
Grand	12,392	302,700	24.42	10,331	333,500	32.28	
Gunnison	30,648	709,215	23.14	29,012	817,890	28.19	
Hinsdale	1,804	37,885	21.00	1,742	48,775	28.00	
	12,383	262,580	21.21	13,059	374,842	28.70	
Jackson	29,614	779,840	26.33	27,300	779,500	28.65	
	7.958	184.663	23.20	7,842	238,165	30.37	
KiowaKit Carson	10,029	227,825	22.71	12,355	355,940	28.8 <b>1</b>	
	15,866	381,905	24.07	15,035	507,120	33.73	
Lake	$560 \\ 14,111 \\ 17,874 \\ 26,870 \\ 26,415 \\ 20,000$	12,245	21.86	462	13,390	28.99	
La Plata		284,450	20.16	14,115	404,245	28.64	
Larimer		370,830	20.77	17,085	505,075	29.56	
Las Animas		543,385	20.22	29,928	854,690	28.55	
Lincoln		592,965	22.45	27,076	799,815	29.54	
Logan		405,810	20.29	19,000	551,520	29.03	
Mesa	33,700	$741,400 \\31,085 \\322,370 \\226,155 \\451,655 \\264,895$	22.00	31,324	912,060	29.12	
Mineral	1,410		22.04	1,035	30,080	29.06	
Moffat	13,493		23.89	11,829	359,019	30.35	
Montezuma	10,416		21.71	10,386	312,300	30.07	
Montrose	20,848		21.66	17,279	488,605	28.28	
Morgan	11,856		22.34	13,443	410,410	39.53	
Otero	7,205	166,630	23.13	10,473	314,960 174 545	30.07	
Park	$\begin{array}{r} 12,651\\ 3,520\\ 6,344\\ 15,497\\ 14,804\end{array}$	308,420	24.40	11,342	356,190	31.40	
Phillips		80,575	22.89	3,112	87,300	28.05	
Pitkin		133,215	21.00	5,641	170,107	30.16	
Prowers		311,931	20.12	14,905	434,883	29.17	
Pueblo		350,060	23.65	18,445	567,140	<b>80.7</b> 0	
Rio Blanco	28,930	734,790	25.40	27,952	802,475	28.71	
Rio Grande	10,430	210,675	20.20	8,260	239,905	29.04	
Routt	29,622	679,350	22.94	25,401	760,370	29.94	
Saguache	25,507	536,233	21.02	26,100	772,837	29.61	
San Miguel Sedgwick Summit Teller	7,818 5,403 3,276 4,775	2,760 173,330 116,185 78,437 99,380	20.00 22.17 21.50 23.94 20.81	7,877 4,837 2,745 3,627	254,740 146,485 90,585	29.05 32.34 30.28 33.00 28.06	
Washington	17,146	422,855	24.66	19,605	600,150	30.61	
Weld	26,591	595,860	22.33	27,344	814,910	29.80	
State	24,962	\$18,212.260	\$21.98	25,110	\$23,622.220	\$29.65	

NOTE.--This tabulation includes cattle six months old and older. Cattle fed in transit are not included because assessors do not use a uniform basis of reporting.



DISTRIBUTION OF BEEF CATTLE, 1928

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



#### DISTRIBUTION OF DAIRY CATTLE, 1928

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

## DAIRY CATTLE IN COLORADO, 1927 AND 1928 (From Reports of County Assessors to the State Tax Commission.)

		1927		1928			
COUNTY	Number	Assessed Value	Av. Per Head	Number	Assessed Value	Av. Per Head	
Adams	6,006	\$ 249,260	\$41.50	5,396	\$ 278,730	\$51.65	
Alamosa	1,167	48,440	41.51	1,173	51,230	43.67	
Arapahoe	4,668	184,355	39.50	4,543	229,560	50.53	
Archuleta	626	23,275	37.20	510	25,335	49.67	
Baca	2,245	74,880	33.35	722	36,100	50.00	
Bent	1,514	61,550	40.65	1,335	67,440	50.52	
Boulder	5,716	237,100	41.48	4,789	235,410	49.16	
Chaffee	1,202	46,125	38.37	963	49,970	51.89	
Cheyenne	2,143	75,695	35.32	1,623	81,295	50.99	
Clear Creek	110	4,820	43.82	110	5,600	50.91	
Conejos	932	41,830	45.00	1,400	69,995	50.00	
Costilla	587	23,000	39.19	520	26,200	50.38	
Crowley	1,075	41,330	38.45	1,028	47,870	46.57	
Custer	597	20,310	34.02	648	32,360	49.94	
Delta	4,331	181,290	41.86	4,253	222,045	52.21	
Denver	284	14,330	50.45	433	23,460	54.18	
Dolores	385	11,700	30.38	292	14,600	50 <b>.00</b>	
Douglas	5,189	216,310	41.68	5,265	274,805	52.19	
Eagle	<b>1,130</b>	56,500	50.00	1,095	54,750	50.00	
Elbert	6,599	267,145	40.48	6,579	330,583	50.25	
El Paso	5,990	228,630	38.17	5,329	276,550	51.90	
Fremont	1,899	56,492	40.38	1,177	60,630	51.51	
Garfield	3,542	159,865	45.13	3,435	172,125	50.11	
Gilpin	52	2,080	40.00	57	2,300	40.00	
Grand	1,234	55,230	44.75	1,000	49,945	49.94	
Gunnison	1,196	56,115	47.00	1.194	59,800	50.08	
Hinsdale	54	2,700	50.0 <b>0</b>	46	2,300	50.00	
Huerfano	1,124	45,185	40.20	1,442	72,435	50.23	
Jackson	746	32,080	43.00	750	37,500	50.00	
Jefferson	4,802	222,895	46.41	5,146	259,670	50.46	
Kiowa	542	21,680	40.00	499	24,950	50.00	
Kit Carson	3,430	122,300	35.65	3 432	160,380	46.73	
Lake	153	6,235	40.75	151	7,780	51.52	
La Plata	2,886	101,040	35.01	2,352	118,100	50.21	
Larimer	6,008	270,420	45.00	5,826	298,650	51.26	
Las Animas	2,133	73,095	34.27	1,768	88,606	50.12	
Lincoln	3,149	106,665	33.87	2,010	100,505	50.00	
Logan	7,020	245 870	35.02	7,005	350,255	50.00	
Mesa Mineral Moffat Montezuma Montrose	6,052 78 1,273 2,665 3,371	242,685 3,205 52,450 78,560 128,000	40.10 41.00 41.20 30.00 37.97 36.98	6,210 78 804 2,600 3,020 4,400	294,980 3,925 39,240 127,220 152,815 224 820	47.50 50.32 48.80 48.93 50.60 51.10	
Otero	4,446 3,304 410	133,750 18 450	40.48	2,833	143,475 19.850	50.64	
Park	686	32,625	47.56	672	32,520	48.39	
Phillips	2,999	117,510	39.18	2,816	113,325	40.24	
Pitkin	619	25,480	41.16	572	28,600	50.00	
Prowers	3,418	118,625	34.70	2,122	97,280	45.84	
Pueblo	3 789	177,735	46.91	3,692	173,875	47.10	
Rio Blanco	989	39,930	40.37	913	45,730	50.09	
Rio Grande	2,606	71,090	27.28	1,425	70,203	49.27	
Routt	3,235	129,430	40.00	3,131	156,790	50.08	
Saguache	836	29,339	35.00	756	37,800	50.00	
San Juan	30	1,210	40.33	29	1,180	40.69	
San Miguel	878	35,175	40.06	840	42,000	50.00	
Sedgwick	1,902	75,765	39.83	1,726	85,570	49.58	
Summit	439	17,560	40.00	412	16,480	40.00	
Teller	688	28,140	40.90	554	27,700	50.00	
Washington	4,404	154,595	35.10	2,911	146,185	50.22	
Weld	16,637	721,860	43.39	16,228	806,210	49.68	
State	4,548	\$6,467,821	\$39.86	148,474	\$7,390,272	\$49.78	

NOTE-This tabulation includes cattle six months old and older.

## SHEEP IN COLORADO, 1927 AND 1928 (From Reports of County Assessors to the State Tax Commission.)

		1927			1928	
COUNTY	Number	Assessed Value	Av. Per Head	Number	Assessed Value	Av. Per Head
Adams Alamosa Arapahoe Archuleta	3,424 12,707 4,449 29,364	\$ 23,970 89,980 31,740 208,345	\$7.00 7.08 7.13 7.10	5,043 13,642 4,650 26,010	\$ 40,350 111,170 37,205 213,205	\$8.00 8.15 8.00 8.20
Baca Bent Boulder	7,833 14,891 2,714	54,831 105,145 19,110	7.00 7.06 7.04	7,335 15,583 2,535	58,680 124,665 20,280	8.00 8.00 8.00
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley Custer	4,295 9,176 785 60,920 16,605 4,404 3,380	34,525 68,230 5,495 432,160 124,210 28,030 23,720	8.04 7.43 7.00 7.09 7.48 7.00 7.02	5,190 7,395 592 72,327 17,048 5,100 4,458	46,910 59,715 4,740 580,865 136,385 44,430 36,160	9.04 8.08 8.01 8.03 8.00 8.71 8.11
Delta Denver Dolores	26,474 	186,125 89,675	7.03	42,620	347,355 	8.15
Eagle Elbert El Paso	24,464 12,563 5,868	171,248 87,571 41,080	7.00 7.03 7.00	23,664 10,390 9,691	189,312 83,132 77,530	8.00 8.00 8.00 8.00
Fremont	3,890	27,230	7.00	2,445	19,560	8.00
Garfield	62 <b>,</b> 35 <b>8</b>	467,790	7.50	66,170	530,465	8.02
Grand Gunnison	17,090 35,931	128,355 315,500	7.51 8.50	19,733 37,337	157,865 313,415	8.00 8.40
Hinsdale Huerfano	3,255 26,257	23,895 183,800	7.00 7.00	5,590 28,445	44,720 227,970	8.00 8.01
Jefferson	8,110 2,169	57,330 15,167	7.06	19,980 2,336	159,860 18,690	8.00
Kiowa Kit Carson	5,117 2,489	35,920 17,640	7.01 7.08	7,894 2,776	63,160 22,230	8.00 8.01
Lake La Plata Las Animas Lincoln Logan	4,800 31,854 13,387 53,357 10,836 503	38,400 223,810 106,390 373,890 75,880 3,520	8.00 7.03 7.94 7.01 7.00 7.00	24 31,644 11,798 63,807 9,621 2,900	205 253,145 103,830 511,022 76,970 23,200	8.54 8.00 8.00 8.08 8.00 8.00 8.00
Mesa Mineral Moffat Montezuma Montrose Morgan	52,435 3,590 80,745 42,067 53,523 850	419,480 25,800 610,600 301,840 408,305 5,950	8.00 7.18 7.56 7.17 7.63 7.00	65,030 9,129 77,882 43,395 48,988 2,300	520,240 77,270 642,396 351,705 405,700 18,400	8.00 8.46 8.25 8.10 8.28 8.00
Otero Ouray	23,265 9,258	168,185 69,352	7.23 7.50	25,835 11,698	210,725 93,594	8.16
Park Phillips Pitkin Prowers Pueblo Rio Blanco	44,941 70 14,527 690 10.860 62,952	350,750 545 107,487 4,830 76 130 505,610	7.84 7.79 7.40 7.00 7.01 8.00	39,820 96 5,654 407 9,711 69,066	318,560 960 45,531 3,260 77,910 552,530	8.00 10.00 8.05 8.00 8.03 8.03
Rio Grande Routt Saguache	42,704 70,662 81,117	300,615 559,550 597,245	7.02 7.91 7.36	35,236 63,332 79,636	294,411 511,320 662,505	8.86 8.07 8.32
San Juan San Miguel Sedgwick Summit Tellor	9,036 31,687 119 1,140	65,595 246,240 835 7,980	7.25 7.77 7.00 7.00	7,856 33,414 567 640	62,989 267,310 4,535 5,120 2,020	8.02 8.00 8.00 8.00
Washington Weld	10,840 22,912	78,385	7.23	12,460 17,244	99,770 138,720 8,860	8.01 8.04 8.14
State	1,212,716	\$9,028,741	\$7.45	1,260,863	\$10,234,087	\$8.12

NOTE.-Sheep and lambs fed in transit are not included in this tabulation, because assessors do not use a uniform basis of reporting.

#### SHEEP AND WOOL IN COLORADO 1919, 1920, 1924, 1925, 1928 AND 1929 (U. S. Census)

	Number	of Sheep	Number	Wool P	roduced	
COUNTY	U. S. (	Census	of Sheep Shorn	(Poi	inds)	Value of Wool
	1920	1925	1924	1919	1924	1924
Adams Alamosa Arapahoe	10,229 19,777 29,935	7,337 12,846 18,206	7,080 6,860 17,277	46,817 94,221 213,024	50,501 46,567 88,809	\$ 17,675 16,904 31,527
Baca	30,533	16,443 3.873	20,860	47.872	25.682	39,574
Bent Boulder	61,229 6,736	157,033 19,123	35,484 6,624	290,859 26,697	266,130 49,680	95,807 17,388
Chaffee Cheyenne	734 8,922 12	$1,219 \\ 7,007 \\ 275$	$1,353 \\ 7,063 \\ 227$	4,142 58,296	11,178 43,955 2,050	4,080 15,604
Conejos Costilla Crowley Custer	124,69741,338485157	95,766 26,117 2,769 5,653	89,733 23,140 2,406 3,632	938,681 260,121 3,640 615	620,085 157,381 13,261 29,963	225,091 57,129 4,774
Delta Denver	22,975 192	21,305 550	26,615 481	189,530 1,452	196,279 3,254	74,586 1,139
Douglas	1,703 682	1,966	1,718 587	6,088	11,631 3,982	4,397 1,414
Elbert El Paso	1,459 32,710 5,515	2,397 30,288 325	$\begin{smallmatrix}1,347\\24,230\\274\end{smallmatrix}$	$     \begin{array}{r}       13,145 \\       180,760 \\       45,371     \end{array} $	7,292 189,694 2,071	2,771 67,341 735
Fremont	130	4,849	3,380	623	20,662	7,542
Garneld	25,610 3 4 983	30,717 16 8 502	29,857			
Gunnison	5,336	22,573	21,941	32,104	142,278	54,066
Hinsdale Huerfano	$\substack{1,237\\34,768}$	$\substack{\textbf{2,154}\\35,227}$	1,883 30,577	2,433 258,712	$13,154 \\ 219,006$	4,972 79,499
Jackson Jefferson	939 6,157	$4,509 \\ 4,584$	3,788 4,488	39,519 48,892	27,122 42,439	10,225 15,490
Kiowa Kit Carson	$14,334 \\ 4,328$	$12,898 \\ 1,277$	9,854 1,199	78,826 29,458	79,129 7,925	28,486 2,813
Lake La Plata Larimer Las Animas	578 39,072 266,177 41,166	$158 \\ 20,571 \\ 422,324 \\ 64,571$	$156\\18,761\\25,036\\50,365$	1,108 235,375 448,332 279,130	$1,534 \\ 130,770 \\ 187,770 \\ 363,793$	560 49,431 65,720 130,965
Lincoln Logan	$12,765 \\ 5,029$	6,264 3,258	5,913 $670$	92,918 24,859	44,167 6,097	15,679 2,225
Mesa Mineral Moffat Montezuma Montrose Morgan	$\begin{array}{r} 41,027\\ 3,399\\ 13,391\\ 55,344\\ 80,508\\ 68,436\end{array}$	$\begin{array}{r} 24,146\\ 3,194\\ 21,372\\ 55,197\\ 21,411\\ 166,417\end{array}$	22,794 4,585 16,863 44,820 28,798 23,415	379,138 55,457 136,003 353,915 609,323 444,704	199,422 37,099 128,018 284,982 95,365 175,612	75,780 14,023 48,263 107,723 36,239
Otero	60,347	74,839	41,604	267,120	312,030	112,331
ParkPhillips	39,189	37,984	39,731	331,504	283,968	103,648
Pitkin Prowers Pueblo	2,657 17,762 30,716	1,249 36,511 20,325	959 13,412 16,910	9,462 150,373 103,978	9,025 100,590 129,104	3,430 36,212 46,477
Rio Blanco Rio Grande Routt	1,515 71,916 11,243	7,311 35,457 21,707	6,916 29,997 12,243	22,622 558,111 119,948	55,527 217,883 93,666	20,934 79,092 35,312
San Juan	99,647	57,533	69,327	613,377	387,312	140,594
Sedgwick Summit	4,920 990 12	2,786	12,988 9 1,562	5,225 75	68 8,360	20,385 25 3,051
Teller Washington	21 11,802	272 19,684	22 13,148	113     124,175     022,650	165 113,073	60 41,272
Yuma	439	157	54,772	5,915	652	238
State	1,813,255	2,243,869	938,036	9,755,312	6,473,969	\$2,367,086

NOTE—Estimates of the 1928 and 1929 wool clip in Colorado are as follows: 1928—Number of sheep shorn, 1,162,000; average weight of fleeces, 7.6 pounds; total clip, 8,831,000 pounds. 1929—Number of sheep shorn, 1,219,000; average weight of fleeces, 7.1 pounds; total clip, 8,655,000 pounds. Distribution of these figures by counties is impossible with data now available.



**DISTRIBUTION OF SHEEP**, 1928



#### DISTRIBUTION OF SWINE, 1928

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

Each dot represents 3,000 sheep; cross represents numbers of less than 3,000.
#### SWINE IN COLORADO, 1927 AND 1928, AND GOATS IN 1928 (From Reports of County Assessors to the State Tax Commission.)

		1							
		1927			1928		- GOATS, 1928		
COUNTY	Number	Assessed Value	Av. Per He <b>ad</b>	Number	Assessed Value	Av. Per Head	Number	Assessed Value	
Adams	11,268	\$ 116,380	\$10.32	10,994	\$ 116,930	\$10.64	222	\$ 2,820	
Alamosa Arapahoe Archuleta	1,671 1,730 460	18,000 16,075 3,085	10.77 9.29 6.71	$1,612 \\ 2,213 \\ 518$	17,475 18,315 3,630	10.84 8.28 7.01	45 1,218	47 <b>5</b> 3,655	
Baca Bent Boulder	4,301 1,703 1,210	42,840 21,955 10,530	9.96 12.89 8.70	4,127 2,268 1,887	37,940 17,990 17,690	9.19 7.93 9.37			
Chaffee Cheyenne	1,587 2,231	$12,415 \\ 23,895$	7.82 10.71	1,286 2,198	11,740 24,485	$\begin{array}{c} 9.13\\11.14\end{array}$	167	460	
Conejos Costilla Crowley	2,158 1,428 2,279	23,180 15,120 23,440	10.74 10.59 10.28	2,295 1,981 1,474	24,355 19,320 14,845	10.61 9.75 10.07	 253 21	760 210	
Custer	345	2,780	8.06	560 3 231	4,220	7.54			
Delver	4,490	1 280	10.02		1.435	9.14	65	325	
Douglas	987	11,765	11.91	1,187	12,975	10.93	720	3,625	
Eagle Elbert El Paso	630 5,769 3,364	7,560 61,820 38,670	12.00 10.72 11.50	581 6,227 3,504	6,972 56,951 34,590	12.00 9.15 9.87	279	2,880	
Fremont	832	8,926	10.72	1,147	9,862	8.60	504	8,245	
Garfield Gilpin Grand	2,180 4 85	22,325 40 850	10.24 10.00 10.00	2,396 2 147	23,810 20 1,470	9.94 10.00 10.00	50	170	
Gunnison	221	1,880	8.50	282 12	2,350	8.33	515	1,850	
Huerfano	652	6,445	9.89	713	5,834	8.18	291	1,024	
Jackson Jefferson	51 1,021	620 9,495	12.16 9.29	83 876	980 8,475	11.81 9.78	5 27 <b>3</b>	30 1,665	
Kiowa Kit Carson	878 7,185	10,400 70,235	11.84 9.78	777 8,533	8,305 87,185	10.69 10.22		340	
Lake La Plata Las Animas Lincoln Logan	1,844 3,255 1,196 4,827 13,600	15,970 26,830 10,820 47,985 115,595	8.66 8.24 9.06 9.94 8.50	2,529 3,106 1,300 4,836 13,000	16,985 29,260 13,110 48,840 110,645	6.72 9.72 10.08 10.10 8.51	1,421 7,501	2,340	
Mesa Mineral	4,647 3	45,080 20	9.70 6.66	5,220 1	64,120 10	12.28 10.00	3,200	16,000	
Moffat Montezuma Montrose Morgan	688 1,524 2,628 5,656	7,645 12,170 25,475 62,670	11.11 7.99 9.69 11.10	784 1,807 2,987 7,639	7,045 12,120 25,815 77,320	8.99 6.71 8.64 10.12	80 58 	580 300	
Otero Ouray	4,779 309	46,945 2,165	9.82 7.01	4,631 405	42,640 2,835	9.21 7.00	292	2,300	
Park Phillips Pitkin Prowers Pueblo	59 7,134 559 5,322 3,774	710 74,665 4,700 49,077 28,795	$12.03 \\ 10.46 \\ 8.40 \\ 9.22 \\ 7.63$	43 6,613 410 4,941 3,598	480 73,975 3,329 39,114 26,485	11.16 11.19 8.12 7.92 7.36	42 	8 <b>9</b> 0 1,290 1,430	
Rio Blanco Rio Grande Routt Saguache	486 2,418 1,450 992	4,530 34,359 14,010 12,939	3.30 14.21 9.66 13.04	454 3,412 1,845 1,072	4,540 40,582 16,350 16,059	10.00 11.89 8.86 14.98	200	400	
San Juan San Miguel Sedgwick Summit Teller	444 2,869 22	4,310 36,880 330	9.70 12.85 15.00	487 3,775 32	4,150 43,755 480 570	8.52 11.59 15.00 9.34			
Washington Weld Yuma	8,488 10,266 13,901	93,435 102,930 148,020	9.27 11.01 10.12 10.65	10,979 10,677 12,297	103,072 101,360 130,870	9.39 9.49 10.64			
State	164,058	\$1,636,901	\$ 9.98	172,209	\$1,675,270	\$ 9.73	17,825	\$72,344	

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(Compiled from Records of State Tax Commission)

771,040406,410478,060537,775796,996592,595579,980 $\begin{array}{c} 249,555\\ 709,180\\ 27,940\\ 790,080\\ 257,550\\ 232,555\\ 232,555\end{array}$  $\begin{array}{c} \textbf{1,034,020} \\ \textbf{51,250} \\ \textbf{216,390} \\ \textbf{628,620} \end{array}$  $\substack{759,333\\1,123,633\\944,940}$  $\substack{1,422,260\\18,635\\556,395\\1,219,110}$  $^{70,885}_{747,380}$  $\begin{array}{c} 921,910\\ 655,355 \end{array}$ 372,253 366,500 884,945 Total 1927 \$  $\begin{array}{c}
 818,370 \\
 1,340,142 \\
 1,231,300 \\
 1,231,300 \\
 \end{array}$  $\substack{ 314,175\\ 803,055\\ 27,895\\ 1,079,110\\ 536,895\\ 319,465\\ 319,465 \\ \end{array}$  $\substack{1,351,340\\55,270\\276,265\\760,790\end{array}$  $\begin{array}{r} 865,380\\ 485,510\\ 581,270\\ 564,220\\ \end{array}$  $\begin{array}{c} 932,225\\719,930\\695,530\end{array}$ 101,005796,072 $\substack{1,554,360\\31,313\\606,735\\,315,815$ ,029,560,642,580516, 750, 081, 135365,741 Total 1928  ${4,710 \\ 4,470 \\ 750 \\ 10,175 \\ 10,17$  $\begin{array}{c} 9,165\\ 25,355\\ 10,080\\ 10,080\\ 16,140\end{array}$ 2,635 3,655 3,620 63,390 5,515 480All Other Animals 1928 4,880  $\frac{170}{31,960}$ 5,709 170 5,120 1,024 660  $116,930 \\ 17,475 \\ 18,315 \\ 3,630$  $\begin{array}{c} 24,355\\ 19,320\\ 14,845\\ 4,220\end{array}$ 29,125 9,862 5,83411,74024,485 $23,810 \\ 20 \\ 2,20 \\ 2,350 \\$ 980 8,475 37,94017,99017,69012,9758,305 Swine 1928  $\begin{array}{c} 40,350\\1111,170\\37,205\\213,205\end{array}$  $\begin{array}{c} 46,910\\ 59,715\\ 59,715\\ 4,740\\ 580,865\\ 136,385\\ 136,385\\ 36,160\\ 36,160\\ \end{array}$ 58,680124,665 20,280  $\begin{array}{c} 98,640\\ 14,510 \end{array}$ 19,560 530,4656,200157,865313,415 $\begin{array}{c} 44,720\\ 27,970 \end{array}$ 63,16022,230347,355 59,860 Sheep 1928  $\begin{array}{c} 278, 730\\ 51, 230\\ 229, 560\\ 25, 335 \end{array}$  $\begin{array}{c} 36,100\\ 67,440\\ 235,410 \end{array}$  $\substack{222,045\\23,460\\14,600\\274,805}$ 54,750 330,583 276,550  $\begin{array}{c} 172,125\\ 2,300\\ 49,945\\ 59,800\end{array}$ 37,500  $\begin{array}{c} 49,970\\ 81,295\\ 5,600\\ 69,995\\ 26,200\\ 47,870\\ 32,360\end{array}$ 2,30072,43560,630  $24,950 \\ 60,380$ Milk Cows 1928  $\begin{array}{c} 146,490\\ 491,635\\ 8,320\\ 297,230\\ 53,695\\ 303,195\\ 211,305\end{array}$ 184,480 182,190 181,440 280,365 596,465378,445160,140136,975 340,160  $\frac{48,775}{374,842}$ 355,940507,120 $\begin{array}{c} 456,906\\ 621,221\\ 611,710 \end{array}$ 632,69517,093 333,500817,890779,500238,165214,790 577,755 Range Cattle 1928  $15,990 \\ 13,000 \\ 9,390 \\ 1,890 \\ 1,$  $\begin{array}{c} 37,840\\ 20,195\\ 21,840\end{array}$  $\substack{19,315\\1115\\9,630\\19,700\\1,220}$ 14,7902,690 2,350 4,485  $\begin{array}{c} 4,760\\ 33,260\\ 14,970 \end{array}$ 17,84013,3608,275 10,850 105 855 11,180 12,130  $1,660 \\ 7,655$ Mules 1928 224,020110,440 102,725 36,140 161,580 111,195 176,780  $\begin{array}{c} 49,340\\ 101,255\\ 8,870\\ 86,955\\ 50,715\\ 90,715\\ 34,200\end{array}$  $\begin{array}{c} 155,560\\ 24,650\\ 21,515\\ 103,680\end{array}$ 49,400 105,670214,825153,99046,915  $\begin{smallmatrix} 184,415\\ 5,425\\ 63,100\\ 106,060 \end{smallmatrix}$  $\begin{smallmatrix}5,130\\71,837\end{smallmatrix}$ 51,040560,380Horses 1928 \$ Chaffee Cheyenne Clear Creek Conejos Costilia Crostilia Custer Delta Klowa ..... Kit Carson ..... Baca ..... Bent ..... Alamosa ...... Arapahoe ..... Gilpin Grand Gunnison Jackson COUNTY Hinsdale . Huerfano . Jefferson Fremont Garfield Adams

$\begin{array}{c} 69,795\\ 725,480\\ 1,214,660\\ 1,267,840\\ 984,800\\ 1,235,845\end{array}$	$\begin{array}{c} 1,728,075\\70,235\\1,106,865\\1,106,865\\1,187,705\\1,187,705\\895,820\end{array}$	787,045 271,127	$\begin{array}{c} 766,410\\ 461,250\\ 325,621\\ 730,093\\ 860,170 \end{array}$	$1,387,125\\822,396\\1,625,400$	$\begin{array}{c} 1,283,076\\73,275\\516,465\\406,945\\132,092\end{array}$	174,900	$\substack{1,047,045\\2,888,560}$	1,303,980	\$45,932,205
$\begin{array}{c} 32,530\\ 900,805\\ 1,329,620\\ 1,709,599\\ 1,186,599\\ 1,476,755\end{array}$	$\begin{array}{c} 2,035,460\\ 121,405\\ 1,159,035\\ 898,065\\ 1,217,865\\ 1,217,865\\ 1,107,010\end{array}$	953,225 313,784	$\begin{array}{c} 784,030\\ 446,940\\ 288,032\\ 802,942\\ 1,058,705\end{array}$	$1,512,255\\830,288\\1,676,310$	$1,592,606 \\ 72,996 \\ 615,470 \\ 438,250 \\ 132,673$	166,990	$\begin{matrix} 1,221,812\\ 3,052,140 \end{matrix}$	1,431,470	\$52,656,230
850 2,385 32,340 .2,575	16,000 1,610 780 385 12,600	7,755	890 3,730 15,255 18,875	12,582 2,160	400 30 3,900 120	3,060	1,545 50,660	2,790	\$ 410,420
16,985 29,260 13,110 48,840 110,645	$\begin{array}{c} 64,120\\ 10\\ 7,045\\ 12,120\\ 25,815\\ 77,320 \end{array}$	$\begin{array}{c} 42,640\\ 2,835\end{array}$	480 73,975 3,329 39,114 26,485	$\begin{array}{c} 4,540\\ 40,582\\ 16,350\end{array}$	16,059 .4,150 43,755 480	570	103,072 101,360	130,870	\$ 1,675,270
$\begin{array}{c} 253,145\\ 253,145\\ 103,830\\ 511,022\\ 76,970\\ 23,200 \end{array}$	520,240 77,270 642,396 351,705 405,700 18,400	210,725 93,594	$\begin{array}{c} 318,560\\ 45,531\\ 45,531\\ 7,260\\ 77,910\end{array}$	552,530 294,411 511,320	$\begin{array}{c} 662,505\\ 62,505\\ 62,989\\ 267,310\\ 4,535\\ 5,120\\ 5,120\end{array}$	2,020	$99,770 \\ 138,720$	8,860	\$10,234,087
$\begin{array}{c} 7,780\\ 118,100\\ 298,650\\ 88,606\\ 100,505\\ 350,255\\ 350,2555\end{array}$	$\begin{array}{c} 294,980\\ 3,925\\ 39,240\\ 127,220\\ 152,815\\ 224,820 \end{array}$	143,475 19,850	$\begin{array}{c} 32,520\\ 113,325\\ 28,600\\ 97,280\\ 173,875\end{array}$	$\begin{array}{c} 45,730\\ 70,203\\ 156,790\end{array}$	37,800 1,180 42,000 85,570 16,480	27,700	146,185 806,210	202,680	\$ 7,390,272
$\begin{array}{c} 13,399\\ 404,245\\ 505,075\\ 505,075\\ 854,690\\ 799,815\\ 551,520\end{array}$	912,060 30,080 359,019 312,300 488,605 410,410	314,960 174,545	$\begin{array}{c} 356,190\\ 87,300\\ 170,107\\ 434,883\\ 567,140\end{array}$	$\begin{array}{c} 802,475\\ 239,905\\ 760,370\end{array}$	772,837 5,287 254,740 146,485 90,585	101,770	600,150 814,910	745,940	\$23,622,220
5,950 5,950 51,800 73,505 44,345	$16,750 \\ 5,875 \\ 5,875 \\ 11,145 \\ 7,025 \\ 42,780 \\ 42,780 \\ 16,150 \\ 10,100 \\ 10,1$	$\begin{array}{c} 47,475\\ 1,200\end{array}$	$\begin{array}{c} 3,750\\ 26,485\\ 590\\ 590\\ 29,790\\ 21,615\end{array}$	10,545 39,240	$11,000 \\ 1,345 \\ 1,945 \\ 19,155 \\ 400$	2,700	$\begin{array}{c} 23,280\\ 116,000\end{array}$	56,890	\$ 1,116,295
$\begin{array}{c} 10,305\\ 99,995\\ 341,005\\ 136,326\\ 133,390\\ 394,215\\ \end{array}$	$\begin{array}{c} 211,310\\ 8,060\\ 104,680\\ 83,190\\ 137,905\\ 320,680\end{array}$	186,195 21,760	$\begin{array}{c} 71,640\\ 141,165\\ 38,585\\ 183,360\\ 172,805\end{array}$	$\begin{array}{c} 96,435\\ 133,365\\ 229,320\end{array}$	$\begin{array}{c} 92,005\\ 2,165\\ 41,425\\ 41,425\\ 138,630\\ 19,608\end{array}$	29,170	$247,810 \\ 1,024,280$	283,350	\$ 8,207,666
Lake	Mesa Mineral Moffat Montezuma Montezuma Montrose	Otero	Park Phillips Pitkin Prowers	Rio Blanco Rio Grande Routt	Saguache	Teller	Washington	Yuma	State

#### POULTRY IN COLORADO, 1927 AND 1928, AND BEES, 1928 (From Reports of County Assessors to the State Tax Commission.)

•			POUL	TRY					
		1927			1928		BI	EES, 1928	
COUNTY	Number D <b>oz.</b>	Assessed Value	Av. Per Doz.	Number Doz.	Assessed Value	Av. Per Doz.	Number of Stands	Assessed Value	Av. Per Stand
Adams Alamosa Arapahoe Archuleta	7,632 681 6,227 471	\$ 39,360 3,455 31,135 2,605	\$ 5.51 5.07 5.00 5.53	8,268 804 7,145 466	\$ 43,440 4,345 35,725 2,915	\$ 5.25 5.44 5.00 6.25	1,538 936 715 408	\$ 6,150 3,755 2,860 1,625	\$ 4.00 4.00 4.00 4.00
Baca Bent Boulder	4,785 4,149 4,790	23,925 20,745 23,910	5.00 5.00 4.95	4,816 4,381 5,214	24,080 21,905 26,310	5.00 5.00 5.05	1,793 2,675	7,170 10,910	4.00 4.08
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley	621 3,132 101 1,104 649 3,134	3,155 15,705 675 5,520 3,370 17,275	5.08 5.01 6.68 5.00 5.20 5.51	692 3,006 112 1,075 592 2,726	3,700 15,030 660 5,375 3,095 15,650	5.35 5.00 5.90 5.00 5.23 5.74	45   80 2,297	180  325 9,555	4.00
Custer Delta Denver Dolores Douglas	467 4,526 827 282 2,217	2,335 22,630 10,510 1,410 11,085	5.00 5.00 12.70 5.00 5.00	529 4,642 1,000 397 2,355	2,680 23,210 5,400 2,095 11,775	5.07 5.00 5.40 5.28 5.00	56 4,223  4 50	230 17,180 20 210	4.00 4.07 5.00 4.20
Eagle Elbert El Paso	774 5,509 7,798	3,870 28,109 38,940	5.00 <b>5.10</b> 5.00	771 5,316 6,351	3,855 27,344 31,740	5.00 5.14 5.00	56 93 811	224 376 1,590	4.00 4.04 5.11
Fremont Garfield Gilpin	4,461 3,155	22,306 15,755	5.00	4,257 2,925	21,285 15,885	5.00 5.43	780 3,785 	3,121 19,040	4.00 5.0s
Grand Gunnison Hinsdale	320 465 15	1,645 2,480 75 6 905	5.00 5.00 5.00	268 573 16	1,355 3,050 80 6,575	5.06 5.32 5.00			
Jackson Jefferson	220 9,595	1,100 47,975	5.00	506 9,408	2,530 47,460	5.00 5.04	1,491	5,965	4.00
KiowaKit Carson	2,593 9,042	12,965 45,210	5.00 5.00	2,431 8,737	12,155 43,685	5.00 5.00			
Lake La Plata Larimer Las Animas Lincoln Logan	1,785 6,914 2,762 6,643 9,573	9,175 34,570 13,810 33,225 47,870	5.19 5.00 5.00 5.00 5.00 5.00	2,409 7,664 2,487 6,183 9,769	14,735 38,320 12,435 30,915 48,845	6.12 5.00 5.00 5.00 5.00	3,121 3,650 687  826	12,395 14,600 2,750 3,305	3.97 4.00 4.00 4.00
Mesa Mineral Moffat Montezuma Montrose	15,430 62 1,104 2,065 3,594	77,150 310 5,595 10,970 18,450	5.00 5.00 5.06 5.31 5.13	8,938541,2212,2213,470	44,690 270 6,445 11,720 18,160	5.00 5.00 5.28 5.28 5.28 5.23	4,200  3,598 4,469	16,800  14,440 17,895	4.00
Morgan Otero Ouray	7,404 6,839 187	37,020 45,080 935	5.00 6.59 5.00	7,686 7,187 241	38,430 41,725 1.205	5.00 5.80 5.00	1,040 4,181 410	4,160 16,755 1,640	4.00 4.00 4.00
Park Phillips Pitkin Prowers	510 5,038 6,697	3,060 25,475 	6.00 5.08 5.07	490 4,110 371 6,668	2,950 23,605 1,995 33,340	6.00 5.74 5.37 5.00	 64 1,571	 256 6,286	4.00
Pueblo Rio Blanco Rio Grande Routt	6,481 764 614 2,280	32,500 3,800 3,070 12,100	5.00 5.00 5.00 5.30	6,294 733 715 2,095	32,965 3,665 3,615 10,810	5.24 5.00 5.06 5.16	1,250  588 	5,025	4.02
Saguache San Juan San Miguel Sedgwick Summit	802  474 3,226 92	4,010 2,370 16,130 460	5.00 5.00 5.00 5.00	844 502 3,073 84	4,220 2,510 15,365 420	5.00 5.00 5.00 5.00	665 55 279	2,660 	4.00 4.00 4.10
Teller Washington Weld	114 9,467 18,259	570 47,605 92,180	5.00 5.02 5.05	128 9,627 18,368	640 49.015 92,400	5.00 5.09 5.03	4.677	18,810	4.02
State	9,835	48,890 \$1,126,449	\$ 5.12	8,702	43,520	5.00 \$ 5.12	36 56,819	\$232,775	\$ 4 10

#### AVERAGE VALUE OF HORSES AND MULES PER HEAD AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1927, 1928

		HOR	SES		MULES					
COUNTY	1928	1927	1919	1914	1928	1927	1919	1914		
Adams Alamosa Arapahoe Archuleta	\$36.13 59.86 33.66 35.64	\$37.27 53.92 33.49 35.10	\$87.30 73.33 68.36 61.72	\$73.58 43.74 62.86 44.12	\$36.67 78.31 41.18 41.09	\$37.69 74.67 58.33 41.67	\$113.50 111.90 84.73 60.00	\$93.64 81.57 82.05 63.71		
Baca Bent Boulder	$23.05 \\ 28.09 \\ 42.63$	$20.91 \\ 28.95 \\ 45.27$	$\begin{array}{r} 45.00 \\ 57.71 \\ 113.04 \end{array}$	$34.20 \\ 58.20 \\ 83.55$	$30.52 \\ 35.06 \\ 51.39$	$27.31 \\ 30.00 \\ 44.71$	60.00 70.25 <b>114</b> .81	$\begin{array}{r} 45.97 \\ 68.11 \\ 88.59 \end{array}$		
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley Custer	$\begin{array}{r} 45.81\\ 26.12\\ 38.36\\ 39.44\\ 43.27\\ 34.98\\ 29.67\end{array}$	52.75 22.39 41.00 41.13 36.99 36.18 27.53	$\begin{array}{r} 62.88\\ 59.09\\ 66.39\\ 75.40\\ 74.50\\ 67.61\\ 67.51 \end{array}$	$55.67 \\ 40.61 \\ 70.03 \\ 66.50 \\ 46.12 \\ 70.03 \\ 60.36 \\ \end{cases}$	$56.00 \\ 35.18 \\ 28.75 \\ 49.13 \\ 44.28 \\ 48.40 \\ 30.50$	55.2231.7954.2849.0040.87 $49.4928.72$	$\begin{array}{r} 85.00\\ 81.56\\ 62.50\\ 87.00\\ 76.68\\ 84.74\\ 67.80\end{array}$	$100.00 \\ 73.34 \\ 112.50 \\ 98.53 \\ 100.73 \\ 94.80 \\ 53.21 \\$		
Delta Denver Dolores Douglas	$36.96 \\ 44.74 \\ 32.75 \\ 50.57$	$39.22 \\ 45.62 \\ 31.64 \\ 49.86$	$\begin{array}{r} 85.01 \\ 100.00 \\ 78.72 \\ 68.79 \end{array}$	75.1763.7967.7064.17	$\begin{array}{r} 41.08 \\ 84.06 \\ 29.38 \\ 58.25 \end{array}$	$\begin{array}{r} 45.72 \\ 81.81 \\ 33.20 \\ 60.49 \end{array}$	95.20 100.00 105.78 97.10	102.97 77.16 80.83 63.15		
Eagle Elbert El Paso	$\begin{array}{r} 41.81 \\ 34.56 \\ 28.00 \end{array}$	$\begin{array}{r} 43.50 \\ 34.29 \\ 28.61 \end{array}$	$81.94 \\ 68.20 \\ 67.00$	$\begin{array}{c} 66.91 \\ 56.00 \\ 60.19 \end{array}$	$54.09 \\ 39.18 \\ 35.19$	$54.86 \\ 40.65 \\ 34.24$	78.30 87.89 89.00	96.15 72.37 82.92		
Fremont	32.60	33.68	53.72	56.64	57.00	37.28	78.00	72.75		
Garfield Gilpin Grand Gunnison	$39.15 \\ 35.69 \\ 28.76 \\ 39.45$	$\begin{array}{r} 40.36\\ 37.00\\ 27.93\\ 42.00\end{array}$	$\begin{array}{r} 72.03 \\ 60.48 \\ 64.08 \\ 70.06 \end{array}$	$     \begin{array}{r}       65.20 \\       58.22 \\       55.01 \\       61.99 \\     \end{array} $	$44.65 \\ 26.25 \\ 32.88 \\ 51.13$	$46.55 \\ 38.75 \\ 44.39 \\ 54.00$	$\begin{array}{r} 96.42 \\ 75.00 \\ 62.66 \\ 104.89 \end{array}$	78.7756.0067.27100.48		
Hinsdale Huerfano	$31.87 \\ 30.23$	$31.22 \\ 54.83$	$\begin{array}{c} 58.00\\ 64.50\end{array}$	$52.09 \\ 74.11$	83.10	$\frac{47.62}{72.84}$	$\begin{array}{r} 53.00\\122.00\end{array}$	66.66 97.91		
Jackson	$19.45 \\ 32.52$	$17.38 \\ 34.68$	$\frac{48.88}{71.19}$	$\begin{array}{c} 61.53\\ 75.13\end{array}$	$32.20 \\ 48.45$	$34.46 \\ 52.10$	$84.68 \\ 102.45$	72.76		
Kiowa Kit Carson	40.00 27.76	40.00 26.03	$59.65 \\ 52.13$	$45.57 \\ 58.58$	40.00 30.58	40.00 30.14	95.04 58.04	93.09		
Lake La Plata Larimer Las Animas Lincoln Logan	36.67 30.86 41.52 20.98 22.63 36.84	$\begin{array}{r} 40.53\\ 30.25\\ 46.87\\ 22.46\\ 22.37\\ 37.50\end{array}$	73.9569.20112.0049.7054.8393.29	$\begin{array}{r} 88.15 \\ 67.54 \\ 87.30 \\ 61.00 \\ 52.33 \\ 66.24 \end{array}$	$\begin{array}{c} 31.32 \\ 51.90 \\ 70.34 \\ 28.74 \\ 41.24 \end{array}$	37.00 51.66 64.45 28.53 40.00	$\begin{array}{r} 73.20 \\ 72.28 \\ 123.40 \\ 103.00 \\ 89.52 \\ 106.98 \end{array}$	$\begin{array}{r} & 64.73 \\ 111.74 \\ 93.16 \\ 67.20 \\ 87.25 \end{array}$		
Mesa Mineral Monfat Montezuma Montrose Morgan	37.32 27.14 20.04 32.65 38.25 38.50	39.00 28.33 20.16 33.50 40.85 39.14	73.2954.7163.0071.2081.3987.84	$\begin{array}{c} 60.26 \\ 48.72 \\ 50.60 \\ 90.00 \\ 71.77 \\ 80.40 \end{array}$	$\begin{array}{r} 47.59 \\ 56.25 \\ 33.07 \\ 35.72 \\ 39.25 \\ 44.56 \end{array}$	54.72 55.00 27.63 38.00 34.59 45.75		$\begin{array}{r} 86.92\\ 35.00\\ 105.84\\ 100.00\\ 94.19\\ 105.34\end{array}$		
Otero Ouray	$\begin{array}{r} \textbf{30.41}\\\textbf{32.97}\end{array}$	$\begin{array}{r} 30.92 \\ 32.96 \end{array}$	$74.41 \\ 55.95$	$75.82 \\ 68.87$	$\begin{array}{r} 44.04\\ 44.44\end{array}$	$\begin{array}{r} 43.22\\52.22\end{array}$	$\begin{array}{r} 98.78\\ 62.04\end{array}$	$\begin{array}{r}103.63\\71.71\end{array}$		
Park Phillips Pitkin Prowers Pueblo	$\begin{array}{r} 40.20\\ 38.87\\ 40.32\\ 37.62\\ 40.07\end{array}$	$\begin{array}{r} 37.62\\ 36.57\\ 43.48\\ 23.00\\ 40.80\end{array}$	71.1466.4071.2962.0068.70	$\begin{array}{r} 60.99\\ 58.09\\ 64.98\\ 61.15\\ 60.07\end{array}$	$52.10 \\ 40.00 \\ 39.33 \\ 27.03 \\ 49.80$	$54.20 \\ 40.41 \\ 41.18 \\ 29.46 \\ 50.82$	81.80 83.87 101.33 80.00 100.89	117.20 74.07 50.00 78.79 83.09		
Rio Blanco Rio Grande Routt	$31.40 \\ 49.36 \\ 36.99$	$26.26 \\ 52.90 \\ 38.24$	$57.94 \\ 75.70 \\ 75.58$	$55.86 \\ 72.30 \\ 68.79$	42.35 55.66	42.23 53.88	$92.30 \\113.08 \\93.00$	$93.57 \\107.43 \\90.27$		
Saguache San Juan San Miguel Sedgwick Summit	$\begin{array}{r} 34.20 \\ 48.11 \\ 47.73 \\ 40.67 \\ 43.00 \end{array}$	$\begin{array}{r} 32.88 \\ 48.52 \\ 47.65 \\ 41.00 \\ 44.15 \end{array}$	$51.00 \\ 68.25 \\ 81.00 \\ 62.05 \\ 80.24$	36.94 72.57 70.99 68.45 64.78	38.33 43.39 46.31 45.18 50.00	$\begin{array}{r} 37.25 \\ 44.54 \\ 43.22 \\ 42.97 \\ 50.00 \end{array}$	$\begin{array}{r} 80.00\\ 76.81\\ 79.59\\ 88.10\\ 75.00\end{array}$	62.76 74.25 81.00 81.10 77.14		
Teller	39.69	36.51	57.06	54.38	54.00	52.59	83.20	74.03		
Washington Weld	$\begin{array}{r} 25.80\\ 42.06\end{array}$	$\begin{array}{r} 26.55\\ 44.60\end{array}$	$\begin{array}{r} 59.19\\ 89.34\end{array}$	62.47 80.86	$\begin{array}{r} 28.43 \\ 49.83 \end{array}$	$\begin{array}{r} 28.77\\ 45.94 \end{array}$	$\begin{array}{r} 79.02 \\ 100.26 \end{array}$	$\begin{array}{r} 84.53 \\ 101.33 \end{array}$		
Yuma	33.71	34.70	60.00	58.03	38.78	41.07	72.00	67.58		
State	\$34.23	\$35.06	\$71.16	\$65.08	\$42.63	\$41.27	\$88.56	\$85.03		

#### AVERAGE VALUE OF RANGE CATTLE AND MILK COWS PER HEAD AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1927, 1928

		RANGE	CATTLE		MILK COWS					
COUNTY	1928	1927	1919	1914	1928	1927	1919	1914		
Adams Alamosa Arapahoe Archuleta	\$31.44 28.32 30.02 30.65	\$22.09 21.80 23.08 22.83	\$43.00 44.24 41.29 45.00	\$32.01 35.05 30.79 25.40	\$51.65 43.67 50.53 49.67	\$41.50 41.51 39.50 37.20	\$78.28 75.14 78.30 67.20	\$52.17 53.00 55.40 42.31		
Baca Bent Boulder	29.56 28.86 31.81	$23.24 \\ 21.21 \\ 24.35$	$\begin{array}{r} 41.00 \\ 41.88 \\ 52.08 \end{array}$	$26.56 \\ 35.45 \\ 28.67$	$50.00 \\ 50.52 \\ 49.16$	$33.35 \\ 40.65 \\ 41.48$	$\begin{array}{c} 66.00 \\ 62.26 \\ 74.60 \end{array}$	58.25 50.84		
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley Custer	29.34 33.90 28.60 28.01 30.05 29.32 31.04	$\begin{array}{r} 24.60\\ 25.60\\ 21.92\\ 23.09\\ 20.00\\ 22.18\\ 21.74\end{array}$	$\begin{array}{r} 42.47\\ 45.87\\ 41.44\\ 42.00\\ 43.00\\ 44.85\\ 41.85\end{array}$	32.49 39.85 40.39 37.46 36.62 34.70 35.06	$51.89 \\ 50.09 \\ 50.91 \\ 50.38 \\ 46.57 \\ 49.94$	$\begin{array}{r} 38.37\\ 35.32\\ 43.82\\ 45.00\\ 39.19\\ 38.45\\ 34.02 \end{array}$	$\begin{array}{c} 68.29 \\ 65.27 \\ 65.10 \\ 65.00 \\ 76.23 \\ 66.77 \\ 60.13 \end{array}$	48.62 50.00 45.00 50.27 48.29 43.98		
Delta Denver Dolores Douglas	29.18 30.10 30.05	$21.12 \\ \vdots \\ 22.11 \\ 22.37$	45.05 45.57 47.50	35.42 33.67 32.34	52.21 54.18 50.00 52.19	$\begin{array}{r} 41.86\\ 50.45\\ 30.38\\ 41.68\end{array}$	78.66 80.00 69.86 77.62	63.00 47.95 44.59 50.52		
Eagle Elbert El Paso	$28.00 \\ 31.53 \\ 29.49$	$23.26 \\ 24.07 \\ 21.64$	$\begin{array}{r} 44.87 \\ 43.66 \\ 42.71 \end{array}$	$33.50 \\ 26.27 \\ 31.96$	$50.00 \\ 50.25 \\ 51.90$	$50.00 \\ 40.48 \\ 38.17$	$71.75 \\ 68.47 \\ 61.00$	$46.53 \\ 43.16 \\ 52.74$		
Fremont	28.55	23.55	42.70	30.26	51.51	40.38	72.00	44.71		
Garfield Gilpin Grand Gunnison	$\begin{array}{r} 28.40 \\ 28.87 \\ 32.28 \\ 28.19 \end{array}$	$\begin{array}{r} 22.46 \\ 20.62 \\ 24.42 \\ 23.14 \end{array}$	$\begin{array}{r} 42.61 \\ 40.00 \\ 45.27 \\ 47.97 \end{array}$	$34.50 \\ 30.14 \\ 37.24 \\ 36.66$	$50.11 \\ 40.00 \\ 49.94 \\ 50.08$	$\begin{array}{r} 45.13 \\ 40.00 \\ 44.75 \\ 47.00 \end{array}$	$\begin{array}{r} 68.39 \\ 60.00 \\ 66.38 \\ 71.00 \end{array}$	48.25 50.00		
Hinsdale	$28.00 \\ 28.70$	21.00 21.21	42.00	30.29 36.61	50.00 50.23	50.00	64.00 95.00	50.16		
Jackson	28.65 30.37	26.33 23.20	44.99 46.17	39.99 35.91	50.00 50.46	43.00 46.41	65.00 80.00	$55.00 \\ 60.13$		
Kiowa Kit Carson	$\begin{array}{c} 28.81\\ 33.73\end{array}$	$\begin{array}{r} 22.71\\24.07\end{array}$	44.92 42.95	$35.25 \\ 29.53$	50.00 46.73	$40.00 \\ 35.65$	$64.75 \\ 61.14$	42.63		
Lake La Plata Larimer Las Animas Lincoln Logan	28.99 28.64 29.56 28.55 29.54 29.03	21.8620.1620.7720.2222.4520.29	$\begin{array}{r} 42.53\\ 40.40\\ 42.25\\ 44.00\\ 44.13\\ 48.21\end{array}$	34.60 30.26 31.83 32.50 33.15 35.14	$51.52 \\ 50.21 \\ 51.26 \\ 50.12 \\ 50.00 \\ 50.00 \\ 50.00 \\ $	$\begin{array}{r} 40.75\\ 35.01\\ 45.00\\ 34.27\\ 33.87\\ 35.02 \end{array}$	$\begin{array}{r} 64.92\\ 69.77\\ 77.00\\ 74.00\\ 65.06\\ 72.61\end{array}$	58.24 50.49 51.30 56.89 50.25		
Mesa Mineral Montezuma Montrose Morgan	$\begin{array}{r} 29.12\\ 29.06\\ 30.35\\ 30.07\\ 28.28\\ 30.53\end{array}$	$\begin{array}{r} 22.00 \\ 22.04 \\ 23.89 \\ 21.71 \\ 21.66 \\ 22.34 \end{array}$	$\begin{array}{r} 43.20\\ 40.00\\ 42.50\\ 42.33\\ 46.44\\ 41.71\end{array}$	$36.66 \\ 29.98 \\ 39.01 \\ 32.71 \\ 35.42 \\ 41.77$	$\begin{array}{r} 47.50 \\ 50.32 \\ 48.80 \\ 48.93 \\ 50.60 \\ 51.10 \end{array}$	40.10 41.00 41.20 30.00 37.97 36.98	$\begin{array}{c} 70.16 \\ 65.77 \\ 65.00 \\ 66.81 \\ 72.54 \\ 65.38 \end{array}$	48.67 46.40 45.02 52.86 48.14		
Otero Ouray	$\begin{array}{r} 30.07\\28.44\end{array}$	$\begin{array}{r} 23.13 \\ 22.50 \end{array}$	43.22 42.26	$\begin{array}{r}42.35\\35.07\end{array}$	50.64 50.00	40.48 45.00	$\begin{array}{c} 71.36 \\ 64.83 \end{array}$	58.50 44.88		
Park Phillips Pitkin Prowers Pueblo	$\begin{array}{r} 31.40 \\ 28.05 \\ 30.16 \\ 29.17 \\ 30.70 \end{array}$	$\begin{array}{r} 24.40 \\ 22.89 \\ 21.00 \\ 20.12 \\ 23.65 \end{array}$	$\begin{array}{r} 44.09\\ 45.26\\ 48.20\\ 41.70\\ 45.73\end{array}$	$35.00 \\ 35.01 \\ 30.60 \\ 32.23 \\ 36.02$	$\begin{array}{r} 48.39 \\ 40.24 \\ 50.00 \\ 45.84 \\ 47.10 \end{array}$	$\begin{array}{r} 47.56\\39.18\\41.16\\34.70\\46.91\end{array}$	65.00 62.85 75.00 73.50 72.5 <b>2</b>	55.00 48.69 55.00 59.26 51.39		
Rio Blanco Rio Grande Routt	$28.71 \\ 29.04 \\ 29.94$	$25.40 \\ 20.20 \\ 22.94$	$44.00 \\ 40.61 \\ 58.65$	$35.73 \\ 34.78 \\ 36.65$	50.09 49.27 50.08	$   \begin{array}{r}     40.37 \\     27.28 \\     40.00   \end{array} $	$70.23 \\ 70.00 \\ 72.45$	53.57 50.64 50.50		
Saguache San Juan San Miguel Sedgwick Summit	$\begin{array}{r} 29.61 \\ 29.05 \\ 32.34 \\ 30.28 \\ 33.00 \end{array}$	$\begin{array}{r} 21.02\\ 20.00\\ 22.17\\ 21.50\\ 23.94 \end{array}$	39.55 47.21 47.96 41.60 54.66	33.67 38.00 35.21 35.16	$50.00 \\ 40.69 \\ 50.00 \\ 49.58 \\ 40.00$	35.00 40.33 40.06 39.83 40.00	$\begin{array}{c} 60.00\\ 65.16\\ 76.90\\ 69.13\\ 75.00\end{array}$	57.10 63.86 49.58		
1'eller	28.06	20.81	40.17	33.41	50.00	40.90	60.09	46.05		
Washington Weld	30.61 29.80	$\begin{array}{r} 24.66\\22.33\end{array}$	$41.88 \\ 44.38$	$35.23 \\ 35.35$	$\begin{array}{r} 50.22\\ 49.68\end{array}$	$\begin{array}{r} 35.10\\ 43.39 \end{array}$	$75.30 \\ 75.18$			
Yuma	29.71	23.40	41.25	35.23	50.21	40.10	65.37			
State	\$29.65	\$21.98	\$44.30	\$34.74	\$49.78	\$39.86	\$71.06	\$51.10		

## AVERAGE VALUE OF SHEEP AND SWINE PER HEAD AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1927, 1928

		SHE	EP		SWINE					
COUNTY	1928	1927	1919	1914	1928	1927	1919	1914		
Adams Alamosa Arapahoe Archuleta	\$ 8.00 8.15 8.00 8.20	\$ 7.00 7.08 7.13 7.10	\$ 7.39 10.20 10.00 10.00	\$ 3.02 2.47 3.50 3.00	\$10.64 10.84 8.28 7.01		\$15.06 16.96 15.00 10.50	\$ 9.03 8.30 9.31 5.89		
Baca Bent Boulder	8.00 8.00 8.00	7.00 7.06 7.04	$9.00 \\ 9.40 \\ 9.34$	$2.50 \\ 2.64 \\ 3.33$	$9.19 \\ 7.93 \\ 9.37$	$9.96 \\ 12.89 \\ 8.70$	$12.00 \\ 9.77 \\ 16.47$	$4.45 \\ 5.89 \\ 10.29$		
Chaffee Cheyenne Conejos Costilla Crowley Custer	$9.04 \\ 8.08 \\ 8.01 \\ 8.03 \\ 8.00 \\ 8.71 \\ 8.11$	$\begin{array}{r} \cdot 8.04 \\ 7.43 \\ 7.00 \\ 7.09 \\ 7.48 \\ 7.00 \\ 7.02 \end{array}$	$10.00 \\ 10.01 \\ 10.00 \\ 10.00 \\ 10.27 \\ 8.23 \\ 10.00$	3.883.002.743.003.062.62	9.13 11.14  10.61 9.75 10.07 7.54	$7.82 \\ 10.71 \\ 10.74 \\ 10.59 \\ 10.28 \\ 8.06 \\ \end{array}$	11.1920.6718.1213.0014.0012.9513.48	6.21 7.58 6.48 7.17 5.94 5.10		
Delta Denver Dolores Douglas	8.15  8.38 8.00	7.03 7.62 7.00	11.16  10.53 10.00	3.99 4.00	$9.01 \\ 0.14 \\ 10.93$	5.62  10.00 11.91	$12.53 \\ 12.90 \\ 15.04$	7.66 7.33 7.90		
Eagle Elbert El Paso	8.00 8.00 8.00	$7.00 \\ 7.03 \\ 7.00$	$9.80 \\ 9.55 \\ 10.00$	$2.99 \\ 2.39 \\ 2.49$	$12.00 \\ 9.15 \\ 9.87$	$12.00 \\ 10.72 \\ 11.50$	$12.16 \\ 16.35 \\ 16.47$	$5.41 \\ 7.09 \\ 7.44$		
Fremont	8.00	7.00			8.60	10.72	13.80	6.59		
Garfield Gilpin Grand Gunnison	8.02 8.00 8.00 8.40	7.50 7.51 8.50	$10.00 \\ 10.00 \\ 10.00 \\ 11.91$	3.96 2.51 4.00	$9.94 \\ 10.00 \\ 10.00 \\ 8.33$	$10.24 \\ 10.00 \\ 10.00 \\ 8.50$	$10.70 \\ 20.00 \\ 13.96 \\ 13.59$	5.17 5.00 7.61		
Hinsdale	8.00	7.00	10.00	3.64	6.67 8 18	5.00	7.00	5.00		
Jackson	8.00 8.00	7.06	10.07 10.00	2.70 4.02	11.81 9.78	$12.16 \\ 9.29$	12.24 17.00	10.00 9.00		
Kiowa Kit Carson	8.00 8.01	7.01	10.00 10.88	3.00 3.03	$\begin{array}{c} 10.69 \\ 10.22 \end{array}$	$\begin{array}{c} 11.84\\ 9.78 \end{array}$	$17.75 \\ 15.94$	7.54 7.88		
Lake La Plata Larimer Las Animas Lincoln Logan	8.54 8.00 8.00 8.08 8.00 8.00	$\begin{array}{r} 8.00 \\ 7.03 \\ 7.94 \\ 7.01 \\ 7.00 \\ 7.00 \end{array}$	$11.60 \\ 10.15 \\ 10.26 \\ 10.00 \\ 10.07 \\ 10.81$	2.552.742.483.492.494.06	$\begin{array}{c} 6.72\\ 9.72\\ 10.08\\ 10.10\\ 8.51 \end{array}$	8.66 8.24 9.06 9.94 8.50	$11.47 \\ 19.00 \\ 9.00 \\ 15.35 \\ 15.63$	$\begin{array}{r} 6.26 \\ 8.12 \\ 12.65 \\ 6.77 \\ 9.11 \end{array}$		
Mesa Mineral Moffat Montezuma Montrose Morgan	$\begin{array}{r} 8.00\\ 8.46\\ 8.25\\ 8.10\\ 8.28\\ 8.00\end{array}$	$\begin{array}{r} 8.00 \\ 7.18 \\ 7.56 \\ 7.17 \\ 7.63 \\ 7.00 \end{array}$	$10.85 \\ 10.00 \\ 11.20 \\ 10.35 \\ 13.03 \\ 10.00$	$\begin{array}{r} 3.93 \\ 3.49 \\ 3.99 \\ 4.00 \\ 3.57 \\ 2.65 \end{array}$	$12.28 \\ 10.00 \\ 8.99 \\ 6.71 \\ 8.64 \\ 10.12$	$9.70 \\ 6.66 \\ 11.11 \\ 7.99 \\ 9.69 \\ 11.10$	11.25 12.00 11.21 12.86 14.14	6.82 5.93 10.00 5.71 8.08		
Otero	8.16 8.00	7.23 7.50	$9.72 \\ 15.70$	$\begin{array}{c} 2.71\\ 3.96\end{array}$	$\begin{array}{r} 9.21 \\ 7.00 \end{array}$	$\begin{array}{c} 9.82 \\ 7.01 \end{array}$	$\begin{array}{c} 13.57\\ 10.52 \end{array}$	$7.26 \\ 6.24$		
Park Phillips Pitkin Prowers Pueblo	$\begin{array}{r} 8.00 \\ 10.00 \\ 8.05 \\ 8.00 \\ 8.03 \end{array}$	$7.84 \\ 7.79 \\ 7.40 \\ 7.00 \\ 7.01$	$9.47 \\ 10.00 \\ 8.16 \\ 12.75$	$2.75 \\ 1.84 \\ 2.35 \\ 3.71$	$11.16 \\ 11.19 \\ 8.12 \\ 7.92 \\ 7.36$	$12.03 \\ 10.46 \\ 8.40 \\ 9.22 \\ 7.63$	$15.40 \\ 16.56 \\ 14.00 \\ 14.20 \\ 14.19$	$11.78 \\ 9.90 \\ 5.51 \\ 6.13 \\ 6.17$		
Rio Blanco Rio Grande Boutt	8.00 8.36 8.07	8.00 7.02 7.91	$12.02 \\ 10.03 \\ 12.50$	$3.56 \\ 3.50$	$10.00 \\ 11.89 \\ 8.86$	$9.30 \\ 14.21 \\ 9.66$	$13.27 \\ 16.10 \\ 17.95$	7.59 8.41 8.20		
Saguache San Juan San Miguel Sedgwick Summit	8.32 8.02 8.00 8.00 8.00	7.367.257.777.007.00	$10.00 \\ 10.01 \\ 10.72 \\ 5.97 \\ 12.00$	$2.47 \\ 3.97 \\ 2.09 \\ 2.79 \\ 4.00$	14.98 8.52 11.59 15.00	13.04 9.70 12.85 15.00	15.52 14.25 18.23 15.00	8.30 7.44 10.65 10.00		
Teller	8.42	7.50			9.34	9.27	10.93	5.90		
Washington Weld	8.01 8.04	$\begin{bmatrix} 7.23 \\ 7.02 \end{bmatrix}$	9.05 11.14	3.39 2.67	9.39 9.49	10.12	15.79 14.90	8.83		
Yuma	8.14	7.00	10.10	2.88 <b>5</b> 3.12	$     10.64 \\     \$ 9.73 $	10.65	18.90 \$15.14	8.24		
State	\$ 8.12	\$ 1.10	Q10.10		4 5110	4 0100	V	¥ 1.00		

## Dairying

THE breaking up of the cattle ranges. followed by the increased growing of dairy stock on the farms, is rapidly making Colorado a leading state in the dairy industry. 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 is now 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, 1928, the state dairy commissioner reported that the value of cream and milk exported was \$1,384,-147, and of imports \$643,503, the excess of exports over imports being \$740,644.

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			•	•			• •	 	•		•			•		\$23,3	48,	<b>25</b>	6
1924								 								28,5	43,	59	0
1925					•	• •		 								25,8	32,	96	9
1926																34,9	05,	81	6
1927								 								28,1	68,	28	2
1928																30.7	12.	38	1

A pronounced tendency towards the raising of better grades of dairy stock has been fostered during recent years by state and national organizations composed of dairymen, and this has had a beneficial effect in increasing the quantity of milk, butter, cheese and other products. Farm production of butter and cheese is treated as an agricultural operation in most of the data compiled on the subject, while factory operations are covered in reports on the manufacturing industry. Tables published herewith show the number of establishments, salaries and wages paid, cost of materials, value of products and value added by manufacture, by years, as reported by the census on manufactures; dairying as shown by the agricultural census; and the industry as a whole as reported by the state dairy inspector.

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

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

	1926	1927	1928
Creameries	75	79	80
Ice cream plants	102	102	95
Cheese factories	11	13	20
Goat cheese	10	9	
Licensed operators	1,123	1,195	1,270
Malted milk plants	1	1	5
Condensaries	5	5	5
Evaporated milk plants.	1	1	1
Receiving stations	495	431	417

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 1928 there were 2,533 silos, with an aggre-gate capacity of 241,965 tons, reported in the state.

Milk exported\_

Cream exported\_\_\_\_\_

Value exports\_

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 chap-ter and tables on the livestock industry.

\$ 1,413,356

7,128

1,377,020

\$ 1,384,147

		(Dutte Dutty	inspector,			
	19	926	19	27	1	928
	Quantity	Value	Quantity	Value	Quantity	Value
heese. Ibs.	19.965.779	\$ 8,984,601	19 200 138	\$ 9 024 065	21,509,392	\$ 9 894.32
e cream, gals	1.872.046	1.965.648	2,133,570	2.090.899	2.351.847	2.587.03
e cream mix	343.534	37.789	395.729	47,487	2,001,011	
heddar (whole milk)				1		
cheese, lbs	481,918	96,394	867,937	182,267	2,144,200	493,16
heddar (part skim)						
cheese, lbs	1,013,075	151,961	1,025,492	169,206	953,051	174,79
rick and Munster cheese,	0.700	1 050	00.000	4 504	02 505	4.70
IDS	14 070	1,908	22,620	4,024	23,000	4,70
alian variation (include	14,070	2,014	4,420	000	4,000	31
ing goat cheese). lbs.	46.500	11.625	6.035	1,508	39,600	8.91
ottage cheese. lbs.	380,927	19,046	393,251	43,258	695,865	65.54
ream and Neufchatel						
cheese, lbs			15,000	3,375		
Il other varieties, lbs	25,000	4,250	15,805	2,845		
ondensed milk (sweet-		0.000	4 4 9 9 9 9	10.000		
ened), lbs	57,000	3,990	140,800	12,672	259,257	6,17
vaporated milk (unsweet-	90 545 001	1 959 100	00 200 000	9.045 7714	99 140 700	9 400 70
enea), IDS	20,040,001	1,000,100	25,550,622	2,040,114	55,149,720	0,480,74
(sweetened) lbs	69,600	3 480	228 500	13 710	351 301	20.13
vaporated skim milk (up-					001,001	20,10
sweetened), lbs.	449,370	8,987	477,830	14,335	737,826	17,25
oncentrated skim (ani-						
mal feed), lbs					20,964	62
ondensed or evaporated	1.000	110	01.050	0.050	00.000	
buttermilk, lbs	14,939	448	81,250	3,250	62,675	2,25
ried or powdered skim,	200.000	24.000	220 620	27 940	270 200	41.90
Ibs.	. 505,550	04,000	000,020	01,440	510,205	41,09
mille lba	384 900	27,905	626 340	47 790	495 695	37 17
falted milk lbs	896.844	237,664	708,431	188,726	940,958	282.28
faited mirk, ibs		( and a lot of the lot	,			
otal value, factory pro-						
ducts		\$13,450,855	FO 000 000	\$14,533,764		\$17,117,39
lilk for fluid use (est.)	56,669,370	12,352,289	59,392,200	11,284,518	60,905 042	11,313,72
arm butter (est.)		9,102,672	5,000,000	2,350,000	4,959,271	2,281,26
(T) + + 1		\$21 454 961	1	\$13 634 518		\$13 504 08
10tal	1 3	421,101,001				\$10,001,00
Grand total, all dairy						
products		\$34,905,816		\$28,168,282		\$30,712,38
	010 055	0 4 9 9 4	F01 010	0 10.047	1 004 400	0 00 00
lilk imported	219,677	\$ 4,394	581,318		1,224,439	\$ 26,44
ream imported	5,242,979	1,329,021	1,000,946	000,378	1,469,178	617,05
Value importa		\$ 1.334.015	1	\$ 679.226		\$ 6.13 50
value imports		, 1,00 1,010		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		\$ 040,000
lilk exported	343,904	6,878	257,311	5,687	329,989	7,12
ream exported	4.766,681	1,954,339	3,519,173	1,407,669	3,278,618	1.377.020

\$ 1,961,217

DAIRY INDUSTRY FOR YEARS ENDING JUNE 30, 1926, 1927 AND 1928

#### 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 June	Ending 30, 1925	Year June S	Ending 30, 1924	Year Ending June 30, 1923	
	Quantity	Value	Quantity	Value	Quantity	Value
Butter, lbs Ice Cream, gals Condensed milk, cases Cheese, lbs Ice cream mix, gals Condensed skim, gals Dried milk and dried butter- milk, malted milk, lbs Goat cheese, lbs Buttermilk, gals Other dairy products Total value factory products Est. value milk con- sumed, gals Est. value farm butter, lbs	17,460,860 2,127,984 478,580 1,805,445 57,716 439,560 734,874 61,600 1,223,934	\$ 6,984,323 2,340,783 1,914,245 397,198 57,716 96,703 146,975 15,400 122,393 38,974 \$12,114,710 \$11,884,875 1,833,384	19,387,908 1,919,030 413,445 2,214,642 309,286  1,167,735 275,000 1,438,290  52,833,156 6,778,580	\$ 8,627,619 2,130,123 1,763,600 509,867 309,286 197,455 319,968 82,500 36,532 27,972 \$114,004,422 \$11,522,700 3,016,468	15,319,765 1,768,168 436,848 1,407,073 149,919  602,340 250,000 487,767  48,390,900 6,406,952	\$ 6,587,498 2,033,393 1,841,028 267,343 151,418 27,486 292,243 75,000 24,388 54,680 \$111,354,477 \$ 9,238,790 2,754,989
Total value all dairy products		\$25,832,969		\$28,543,500		\$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, <b>0</b> 38	38,440,111	19,080,791
and in factories, lbs	*22,606,046	19,758,313	12,207,823	6,499,121	3,621,086
and in factories, lbs	<b>†1,994,000</b>	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	689	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)

	1		1		(	1	
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 Alamosa Arapahoe Archuleta	7,664 1,462 7,368 1,061	4,437,456 633,046 3,993,456 392,570	574,475 72,998 551,388 67,580	107,260 33,965 87,061 22,626	8,761 23,589 17,433 998	1,840,297 111,735 1,584,701 22,827	\$ 626,821 99,440 565,995 38,577
Baca Bent Boulder	7,056 2,838 6,397	1,834,560 1,18 <b>0</b> ,608 3,217,691	322,162 52,551 607,127	118,350 49,891 145,855	21,710 25,791 8,848	10,715 501,659 516,428	183,495 171,768 388,205
Chaffee Cheyenne Clear Creek Costilla Crowley Custer	$1,001 \\ 2,916 \\ 36 \\ 2,158 \\ 569 \\ 1,917 \\ 1,122$	497,497 912,708 11,448 664,664 255,295 699,705 336,600	56,248 172,111 112 62,282 12,390 73,615 47,604	31,707 62,894 1,195 55,500 21,444 43,808 35,904	5,830 8,959 50 18,776 10,780 18,707 373	118,930 12,230 2,035 12,131 11,400 37,475 5,980	69,876 92,431 1,061 71,964 30,274 74,047 32,200
Delta Denver Dolores Douglas	5,041 662 331 5,470	2,313,819 547,474 93,011 2,877,220	421,205 32,490 3,747 736,452	165,905 10,221 7,957 9,162	9,628 1,546 28,295	111,387 386,800 115 331,645	237,033 92,838 5,824 351,720
Eagle Elbert El Paso	1,172 9,339 10,315	451,220 3,586,176 3,785,605	64,378 899,915 474,924	40,777 115,054 88,715	7,098 3,256 6,577	24,093 156,214 1,674,521	50,917 368,953 545,370
Fremont	1,886	943,000	70,099	80,164	4,998	205,614	113,298
Garfield Gilpin Grand Gunnison	$3,547 \\ 173 \\ 1,470 \\ 1,465$	1,670,637 63,522 621,810 603,580	246,955 122,103 89,203	97,261 4,668 44,664 57,947	40,521 2,177 2,041 837	100,465 24,444 30,341 68,680	194,828 10,886 66,828 65,518
Hinsdale Huerfano	$\begin{array}{c}135\\2,314\end{array}$	38,120 802,958	4,832 89,172	3,991 60,197	605 2,601	2,836 124,876	4,674 88,789
Jackson	756 5.851	305,424 3,545,706	47,780 331,608	31,831 102,900	155 11.454	13,570 1.737,463	30,640 607,854
Kiowa Kit Carson	3,171 6,539	941,787 1,870,154	188,167 289,799	63,867 141,158	260 22,384	4,550 13,579	87,604 176,369
Lake La Plata Larimer Las Animas Lincoln Logan	1353,6135,9784,8946,5146,653	64,083 1,741,466 2,749,880 1,624,808 2,136,592 2,940,626	2,902 328,767 261,161 201,656 383,056 421,517	1,952 143,731 192,116 102,544 127,079 222,018	1,664 3,973 5,769 35,313 31,799 29,604	31,890 69,590 843,718 263,957 43,215 140,255	12,070 185,445 341,922 206,682 221,294 280,453
Mesa Mineral Moffat Montezuma Montrose Morgan	6,854 88 2,230 2,615 3,865 6,252	3,344,752 36,100 776,040 998,930 1,638,760 2,175,696	580,637 2,450 107,310 165,072 243,924 419,381	219,126 4,823 85,133 87,640 127,543 116,999	$15,244 \\ 362 \\ 5,208 \\ 1,436 \\ 12,682 \\ 3,680$	248,096 7,177 29,940 29,388 64,923 116,387	345,096 5,121 80,094 95,923 158,314 203,569
Otero Ouray	4,832 635	2,014,944 272,415	$111,525 \\ 37,794$	128,325 21,537	52,290 3,485	518,517 30,427	259,742 33,991
Park Philips Pitkin Prowers Pueblo	760 3,348 740 5,317 6,700	243,960 1,513,296 329,300 2,100,215 3,216,000	$\begin{array}{r} 23,401\\94,731\\45,564\\144,263\\285,393\end{array}$	27,022 122,499 21,768 108,282 112,647	2,739 75,222 8,895 23,950 13,831	$13,591 \\ 163,882 \\ 20,695 \\ 853,426 \\ 1,508,740$	25,655 212,104 39,703 291,163 457,571
Rio Blanco Rio Grande Routt	1,537 2,340 3,844	617,323 1,036,620 1,699,048	100,810 169,191 317,913	50,021 76,117 121,770	5,795 10,421 7,419	11,090 109,775 67,050	61,210 130,259 175,226
Saguache	1,004	363,448	50,190	31,453	6,277	14,278	41,813
San Juan San Miguel Sedgwick Summit	1,354 2,334 389	572,742 1,073,640 202,830	43,264 98,913 38,110	58,898 85,173 17,383	22,203 45,736 1,659	108,297 17,775 14,560	98.091 127,700 26,115
Teller	680	209 595	4 260	20.994	6,819	54 997	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
State	9,018	96,649,262	493,976 14,081,331	209,168 5,245,186	14,002 851,437	44,879	\$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.

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 is gradually being overcome by the establishment of commercial poultry farms, to which the owners devote all of their time instead of regarding poultry as a The introduction of the side line. 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 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 \$2,680,983 in 1920. The 1925 census figures on other classes of poultry for 1924 have not yet been published.

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

POULTRY	0N	FARMS:	1920	AND	1910
	(Ce	nsus Repor	rts)		

ITEM	Farms Repo	orting 1920	Number	Reported*	Value, 1920	Aver-
	Number	Per Cent of All Farms	1920 (Jan. 1)	1910 (Apr. 15)		age Value, 1920
Chickens Turkeys Ducks Geese_ Guinea fowls Pigeons	51,693 10,122 4,166 2,597 1,857 1,274	86.2 16.9 7.0 4.3 3.1 2 1	2,874,721 57,687 20,687 10,296 7,317 23,639	$1,644,471 \\ 26,430 \\ 12,250 \\ 4,455 \\ 3,668 \\ 29,998$	\$2,680,983 183,113 22,391 25,879 5,826 6,314	\$0.93 3.17 1.08 2.51 0.73 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 exgs 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.

### POULTRY AND EGGS IN COLORADO

All Poultry		-	U. S. CENSUS								
COUNTY	Reported by County Assessors	Number o Ra	f Chickens ised	Value of Chickens	Eggs P (Doz	roduced ens)	Value of Eggs				
	1928	1920	1925	1925	1919	1924	1924				
Adams Alamosa Arapahoe Archuleta	99,216 9,648 85,740 5,592	122,011 16,115 85,655 13,626	195,426 17,511 137,121 8,618	\$ 134,844 10,507 95,985 5,688	435,917 58,504 338,060 68,663	643,911 71,050 639,062 48,733	\$ 173,856 20,605 178,937 14,620				
Baca Bent' Boulder	57,792 52,572 <b>62,56</b> 8	126,106 70,798 127,924	141,215 87,926 206,947	91,790 57,152 142,793	369,555 257,829 462,695	479,120 306,934 788,479	134,154 85,942 212,889				
Chaffee Cheyenne Clear Creek Consjos Costilla Crowley Custer	8,304 36,072 1,344 12,900 7,104 32,712 6,348	$14,612 \\ 41,124 \\ 993 \\ 26,561 \\ 13,343 \\ 43,016 \\ 16,462$	22,815 67,852 270 23,458 21,144 63,478 10,232	$15,971 \\ 47,496 \\ 189 \\ 14,075 \\ 12,686 \\ 41,261 \\ 6,139$	$\begin{array}{r} 62,339\\ 154,566\\ 3,971\\ 142,833\\ 65,732\\ 133,436\\ 54,977\end{array}$	49,809 250,861 1,875 175,962 37,562 189,399 48,213	$\begin{array}{r} 14,943\\70,241\\563\\51,029\\10,893\\53,032\\13,982\end{array}$				
Delta Denver Dolores Douglas	$55,704 \\ 12,000 \\ 4,764 \\ 28,260$	99,576 18,120 5,936 33,508	94,722 22,472 5,170 39,429	58,728 15,506 3,412 27,600	393,455 71,970 15,202 132,531	367,057 104,680 17,063 124,126	102,776 28,264 5,119 34,75 <b>5</b>				
Eagle Elbert El Paso	9,252 63,792 76,212	$14,251 \\ 84,100 \\ 108,246$	13,192 101,220 162,200	8,170 70,854 113,540	74,177 262,280 387,608	77,689 487,325 582,012	21,753 136,451 162,963				
Fremont	51,084	58,186	86,640	60,648	208,945	340,420	102,126				
Garfield Gilpin Grand Gunnison	35,100 3,216 6,876	51,646 1,594 6,940 8,873	54,855 1,138 7,145 9,226	34,010 797 4,501 5,720	235,306 4,125 29,409 45,858	217,954 8,062 33,945 34,514	61,027 2,419 9,505 9,664				
Hinsdale	192 15 444	654 75.068	637 40 149	420 24.089	1,881 137,595	3,040 116,770	915 33,863				
Jackson Jefferson	6,072 112,896	4,925 128,936	5,281 209,982	3,327 146,987	16,973 500,420	23,745 905,557	6,649 271,667				
Kiowa Kit_Carson	29,172 104,844	43,519 99,180	78,554	51,060 99,651	146,826 470,932	241,903 495,525	67,733 138,747				
Lake La Plata Larimer Las Animas Lincoln Logan	28,908 91,968 29,844 74,196 117,228	232 52,568 124,934 102,494 75,260 148,264	134 49,544 163,576 101,824 133,950 227,244	94 32,699 112,867 66,186 93,765 149,981	2,211 226,338 460,039 265,958 325,585 543,118	2,714 207,187 590,609 291,851 453,344 817,630	814 62,156 159,464 81,718 126,939 204,408				
Mesa Mineral Moffat Montezuma Montrose Morgan	107,25664814,65226,65241,64092,232	$122,663 \\ 421 \\ 40,851 \\ 46,858 \\ 74,312 \\ 114,762$	129,744 572 31,599 35,867 78,657 214,323	80,441 378 19,907 23,672 48,767 141,453	472,609 2,049 155,248 198,802 325,610 438,773	$\begin{array}{r} 610,793\\ 4,531\\ 109,620\\ 129,331\\ 362,637\\ 544,964 \end{array}$	171,022 1,359 30,694 38,799 101,538 136,241				
Otero	86,244 2,892	193,040 7,401	166,797 6,354	$108,418 \\ 4,194$	335,867 38,284	582,285 27,702	163,040 8,311				
Park Phillips Pitkin Prowers Pueblo	5,880 49,320 4,452 80,016 75,528	6,168 50,348 7,359 104,617 130,499	$5,091 \\ 112,727 \\ 6,411 \\ 131,229 \\ 148,398$	3,564 74,400 3,975 85,299 96,459	30,432 190,336 34,600 401,577 405,318	27,740 306,866 15,077 520,668 609,854	8,322 76,717 4,222 145,787 170,759				
Rio Blanco Rio Grande Routt	8,796 8,580 25,140	28,902 39,930 49,328	32,195 35,790 43,848	20,283 21,474 27,624	99,099 141,036 170,716	66,184 120,845 242,201	18,532 35,045 67,816				
Saguache	10,128	22,495	18,181	10,909	77,474	64,166	18,608				
San Miguel Sedgwick Summit	6,024 36,876 1,008	11,857 39,765 1,933	10,098 64,303 1,024	6,665 42,440 717	51,350 155,404 7,505	60,172 221,920 9,015	18,052 55,480 2,705				
Teller	1,536	6,813	5,262	3,683	30,700	22,783	6,835				
Washington Weld	115,524 220,416	144,226 396,031	211,967 525,623	139,898 362,680	695,992 1,425,802	936,747 2,019,418	234,187 545,243				
Yuma	104,424	174,938	235,261	155,272	719,973	669,823	167,456				
State	2,560,800	3,880,873	5,005,977	\$3,343,769	14,172,375	18,561,043	\$5,094,348				

## Horticulture and Floriculture

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

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

The value of the state's orchard and small fruit crop usually runs in excess of \$5,000,000 a year, and in favorable years has reached a total of more than \$8,000,000. The figures for 1928 were below normal, however, and totaled only \$3,722,000, as compared with \$5,647,000 in 1927. The decrease in value for 1928 was due principally to a smaller yield of some of the fruits, especially peaches, pears and cherries, and lower prices for apples. In spite of the unfavorable year, Colorado ranked 17th among the states in the quantity of apples produced in 1928, 22nd in peaches, and 18th in pears. In 1926, Colorado ranked 11th among the states of the Union in the production of pears. The 1919 census report gave to the state 16th place among the states in the production of orchard fruits and 21st place in the production of small fruits.

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 1926 to 1928, 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 for 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 wellestablished 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 The western slope area mountains. 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 valleys of tributary streams, the 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 of cherries and small production Some apples, cherries fruits. 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 al-ways 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

#### (By Harry T. Harlow)

The floral industry in Colorado has proven to be a phenomenal success, and it is doubtful if any other business has made such rapid progress in recent years. The gross business of the industry is approximately \$5,000,000 a year, compared with \$2,000,000 ten years ago, which is proof positive of its rapid growth.

Carnations lead in the list of products. Colorado is famous from coast to coast for its wonderful carnation blooms. The unequalled climatic conditions produce a bloom which has a brilliance of color, unusual size and lasting quality not to be found anywhere else in the country. Recently Colorado carnations have been shipped as far as Cuba, where they arrived in fine condition. A shipment of Hilda, a new carnation which originated in Denver, was sent to New York, and was taken from there to London, thereby adding new laurels to the annals of Colorado's floricultural history.

Approximately 8,000,000 carnation blooms were cut and sold in 1926. The number produced in 1928 was 12,000,-000, and a still greater increase is expected in 1929. About ten states receive their entire supply from Colorado, and half the nation is supplied with a share of its requirements from Denver and Colorado Springs.

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 125,000 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.

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.

	1926		1.9	27	1928		
	Quantity	Value	Quantity	Value	Quantity	Value	
Apples (Bu.)	3,444,000	\$2,411,000	2,592,000	\$2,851,000	3,020,000	\$1,963,000	
Peaches (Bu.)	976,000	1,074,000	892,000	1,070,000	600,000	720,000	
Pears (Bu.)	564,000	367,000	480,000	672,000	185,000	194,000	
Grapes (Tons).	320	32,000	314	34,000	357	40,000	
Cherries (Tons)	7,000	700,000	4,200	420,000	1,500	180,000	
Small fruits		550,000		600,000		625,000	
Total		\$5,134,000		\$5.647.000		\$3,722,000	

#### FRUIT PRODUCTION AND VALUE BY YEARS

#### FRUIT ORCHARDS, PRODUCTION AND VALUES (From Census Reports)

	Trees of B	earing Age	Producti	on (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	4,665,767	\$8,236,708	\$4,651,595	

#### FRUIT TREES IN COLORADO AS SHOWN BY THE UNITED STATES CENSUS

	APP	LES	PEA	CHES	PE	ARS	Plums	Grape
COUNTY	1920	1925	1920	1925	1920	1925	1925	Vines 1925
Adams	19,274	14,739	240	112	177	117	1,870	248
Arapahoe Archuleta	14,307 3,915	348 12,465 2,328	 65 39	41 5	190 154	75 96	816 125	1,002
Baca Bent Boulder	2,128 6,267 44,408	2,132 4,090 35,154	5,172 2,252 206	3,790 639 102	451 156 190	567 70 58	2,055 914 1,414	1,220 659 8,951
Chaffee Cheyenne Clear Creek	11,831 600	10,983 516	621	376	24 48	16 70	51 1,492	. 110 613
Conejos Costilla Crowley Custer	124 381 21,469 1,534	236 1,235 16,843 711	1 1 476 65	 101 13	44 60 38	9 30 2 4	26 41 354 24	6,488
Delta Denver Dolores Douglas	$521,977 \\971 \\109 \\13,824$	483,194 1,180 54 2,132	165,790  107 50	138,056 24 2	9,761 23 39 44	8,408 2 6	10,009 150  12	28,306
Eagle Elbert El Paso	1,641 1,058 3,224	$1,043 \\ 658 \\ 3,510$	<u>-78</u> 49	 45 118	58 100 78	54 64 96	82 555 773	14 83 114
Fremont	211,337	126,848	1,796	1,132	1,731	1,366	2,295	30,607
Garfield Gilpin	72,233	69,444	8,275	8,393	2,167	885	3,502	16,036
Grand Gunnison	8	650		5			5	6
Hinsdale Huerfano	8,534	5,956		12	157	51	276	12
Jackson Jefferson	62,345	49,355	1,954	21	237		8,768	17,302
Kiowa Kit Carson	467 1,018	479 422	364 1,188	437 547	39 63	35 50	1,045 2,625	394 408
Lake La Plata Larimer Las Animas Lincoln Logan	30,056 74,454 5,931 530 2,564	27,655 78,510 2,847 608 1,802	370 237 637 255 249	543 81 231 365 198	1,543 439 144 18 212	1,482 97 60 49 247	1,691 2,056 367 919 4,438	798 919 33 196 175
Mesa Mineral	517,710	248,337	261,121	234,558	150,730	169,177	6,056	45,477
Moffat Montezuma Montrose Morgan	1,192 71,216 110,722 2,696	414 58,343 140,001 2,182	35 7,707 8,617 173	7 6,053 7,199 41	44 2,325 2,381 178	12 912 1,109 21	137 1,883 1,696 2,805	20 13,410 8,258 148
Otero Ouray	40,447 682	24,693 573	1,426 22	1,044 1	102 22	104 2	2,302 18	12,991 1
Park Phillips Pitkin Prowers Pueblo	231 296 11,384 34,359	136 466 5,093 23,244	<u>57</u> 4,138 506		 6 10 368 480	20 7 110 139	503 37 1,478 1,828	31 369 3,336
Rio Blanco Rio Grande Routt	1,004 248 289	577 268 172	 	60		10	48 122	6
Saguache	481	232			6	5	1	
San Miguel Sedgwick Summit	1,570 .398	802 85	97 128	2 46	83 74	17 13	3 50	14 7
Teller	3,017		100		25			
Washington Weld	787 19,642	1.034 6,959	395 303	288 68	123 207	157 90	2,206 1,779	148 141
Yuma	4,162	2,136	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

AVERAGE PRICES APPLES, PEACHES AND PEARS ON DECEMBER 1

	1924		1925		1926		1927		1928	
	Colo.	U. S.								
Apples	1.30	1.18	1.10	1.26	.70	.73	1.10	1.38	.65	1.00
Peaches	1.60	1.26	1.90	1.38	1.10	1.00	1.20	1.18	1.20	.99
Pears	1.40	1.42	1.15	1.40	.65	.89	1.40	1.32	1.05	1.02

#### SMALL FRUITS, PRODUCTION AND VALUES

	Acreage		Producti	on (Qts.)	Value	
	1919	1909	1919	1909	1919	1909
Strawberries	653	1,326	944,276	1,674,923	\$236,074	\$156,059
Raspberries and Logan-	010					
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

## **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 1928 is estimated at 3,000,000 pounds. The product is in good demand on account of its excellent qualities, and a large proportion of the output is exported to other states and foreign countries, among the latter being England, Germany and other European 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

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 1928 and 1926 are as follows:

	- 5 64	uus —
County	1926	1928
Weld	6,002	4,677
Delta	4,902	4,223
Larimer	4,165	3,650
Garfield	3,841	3,785
Montrose	3,317	4,469
Otero	3,022	4,181
Mesa	2,893	4,200
La Plata	2,510	3,121
Montezuma	2,409	3,598
Boulder	2,258	2,675
Jefferson	1,984	1,491
Pueblo	1,548	1,250

The census bureau reported 63,253 hives of bees on 3.990 farms on Jan-

uary 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 25th among the states in the number of hives of bees in 1920, and 23rd in 1910 and 1900.

## Manufacturing

THE manufacturing industry in Colo-rado 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 quantitive 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 prod-

ucts. 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 manu-On that basis agriculture facture." 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 employes. The following shows the average number of wage earners by years:

1914.																											.27.278
1919																											.35,254
1921.			•	•		•		•													•		•	•			.27,469
1923.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	٠	•	•	•	•	•	•	•	•	•	•	•	.31,060
1925.	•	٠	٠	٠	٠	•	٠	•	•	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	•	•	٠	٠	٠	•	•	.31,967
1927						•			٠	٠	٠	٠	٠		٠	٠		٠	٠	٠	٠			٠	٠		.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 33rd place among the states of the Union in 1925 in the value of its manufactured products and 34th 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	TOUTH
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 product	s25
Electrical machinery	26
Car construction and repair shops	s,
steam railroads	27
Men's clothing	
Beverages	

#### THE PRINTING AND PUBLISHING INDUSTRY

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

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

	No. of Publica- tions	Gross Circu- lation*
Daily newspapers:		
1921	38	307,968
1923	38	314,679
1925	32	302,078
*Exclusive of Sun	day circula	tion.
Sunday newspaper	s:	
1921	12	298,663
1923	11	311,263
1925	11	344,358
Weekly newspaper	s:	
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

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; manu-factures by counties in 1919, the latest year for which data thus classified has been collected; 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.

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	

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

(\*) 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. Figures for 1927 are preliminary.

## 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.
- (b) Not segregated in preliminary figures.

#### 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
Reversing	31	130	154,996	447,856	994,089
Boyes namer and otherwise	4	159	133,135	63,579	614,572
Brass bronze non-ferrous allows	9	77	100,347	507,258	. 688,337
Bread and bakery products	168	1.422	1,757,348	5,758,153	10,157,121
Butter choose and condensed and	100				
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 shons	5	264	416,078	432,371	894,909
Car and general construction and repairs, steam railroad repair shore	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)			1 414 074	1 909 945	4 351 749
and nonclay refractories	30	1,182	1,414,974	1,383,840	1 538 271
Clothing, men's	6	432	413,734	054 026	510 141
Clothing, women's	4	106	69,604	254,030	927 478
Concrete products	17	138	171,583	200,485	2 170 908
Confectionery	48	602	433,501	1,000,929	1 696 427
Copper, tin and sheet-iron work	23	270	365,503	973,905	1,050,421
Dental goods	8	45	75,573	107,700	25 9/9
Druggists' preparations	3	8	15,921	24,533	00,240
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
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	827,188
Gas, manufactured, illuminating and heating	10	536	745,300	1,191,113	3,491,751
Grease and tallow, not including	6	42	59,645	122,456	267,173
lubricating grease	2	60	76,239	162,558	320,192
hats and caps	19	122	159.094	641,950	1,242,602
Ice cream	29	256	333,359	439,517	1,643,99
Ice, manufactured	8	49	73,167	79,525	236,599
Jewelry	3	63	70,377	62,587	185,233
Lithographing	4	74	99,911	220,048	472,22'
Lumber and timber products, not elsewhere classified	65	980	974,694	582,993	2,061,32
Lumber: Planing-mill products, not					
made in planing mills connected	30	526	765,092	1,070,674	2,304,17
Washla slate and stone work	15	76	147,557	199,300	547,11
Mattresses and bed springs, not	5	127	138,511	514,368	858,46
Motor-vehicle bodies and motor-					105 07
vehicle parts	12	110	158,913	212,654	469,87
Optical goods	- 4	52	62,957	28,368	163,57
Paints and varnishes	- 8	202	250,271	1,609,822	2,493,94
Patent medicines and compounds	10	22	26,653	111,419	294,79
Photo-engraving, not done in print-	1	1 10	190.001	33 020	254.50
ing establishments Pottery, including porcelain ware	- 4	43	116,584	81,838	287,82

INDUSTRY	Number Estab- lish- ments	Wage Earners (average number)	Wages	Cost of Materials	Value of Products
Drinting and publishing hash and ish		0.10	1 451 050	1 0 00 0 000	F 101 010
Printing and publishing, book and job	99	946	1,451,658	1,863,076	5,491,213
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	52,999,002	82,475,923
Total State	1,416	31,967	\$43,007,674	\$171,191,543	\$278,778,008

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

\*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: Bookbinding 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 CO	LORA	DO B	INDUSTRIES,	1927
(Co	mpiled	from	Census	Reports)	

		and the second se		Power	Value of Products	
	4.0	170				
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	10	101	199 516	2 207 187	3 111 027	
grinding	10	151	45 602	77 094	200.352	
Concrete products	10	44 F1F	40,000	1 551 170	2 044 625	
Confectionery	40	010	402,219	074 641	1 647 100	
Copper, tin, sheet-iron work	17	257	346,416	974,041	211 054	
Dental goods	8	61	103,670	124,529	311,034	

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

	Number	Waga		1 Cast of	1
INDUSTRY	Estab- lish- ments	Earners (average number)	Wages	Materials, Fuel and Power	Value of Products
			·		1
Druggists' preparations Electrical machinery, apparatus and	5	21	30,121	137,375	209,756
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-	2	24	59.954	10 000	199 906
Jewe'ry	11	54	82 401	82.214	266.215
Lime	3	33	33,904	41.165	97.241
Lumber and timber products, not elsewhere classified	62	1,190	1.278.036	442.773	2.368.366
Marble, granite, slate and other stone products	16	75	148.625	214.911	556,476
Mattresses and bed springs	4	154	175,034	501,661	878,109
Motor-vehicle bodies and motor-					
vehicle parts	10	103	170,675	175,773	489,466
Paints and varnishes	3	172	10,562	105,525	211,435
Patent and proprietary medicines	10	10	14 094	1,400,200	014 007
Photo-engraving, not done in print-	10	70	199 440	71.947	214,007
Planing-mill products, not made in planing mills connected with	· · ·	10	123,445	(1,241	350,003
sawmills	29	363	507,630	754,072	1,678,548
Pottery, including porcelain ware Printing and publishing, book and	4	186	159,775	75,074	321,043
job Printing and publishing, news-	99	896	1,366,004	1,540,287	5,062,522
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
Slaughtering and meat packing	12	40	62,224	97,322	342,910
wholesale	25	1,246	1,552,897	27,325,998	30,538,016
including firearms or ammunition	5	42	37,811	15,182	90,327
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				10.000	00.000
All other inductries*	3	11 410	7,952	13,226	28,383
All other industries*	212	11,416	10,120,040	01,127,040	122,005,080
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 cigarets, \$292,739; cleaning and polishing preparations, \$101,673; models and patterns, \$61,805; steam and other packing, \$52,921

#### MANUFACTURES BY COUNTIES, U S. CENSUS, 1919

	No. Es-	Wage Earners			Value Added	
COUNTY	tablish- ments	Average Number	Wages	Cost of Materials	By Manu- facture	Value of Products
Adams Alamosa Arapahoe Archuleta	$37 \\ 14 \\ 24 \\ 12$	$673 \\ 34 \\ 117 \\ 103$	\$ 987,790 48,456 165,436 106,990	\$ 2,256,463 301,676 364,371 114,292	\$ 2,534,743 121,942 496,603 253,561	\$ 4,791,206 423,618 860,974 367,853
Baca Bent Boulder	8 15 95	$\begin{array}{r}16\\48\\713\end{array}$	20,919 50,419 976,334	38,267 230,633 5,517,847	43,903 86,907 4,142,295	82,170 317,540 9,660,142
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley Custer	20 4 13 15 5 19 9	$379 \\ 2 \\ 31 \\ 254 \\ 54 \\ 139 \\ 4$	592,904 1,832 89,517 417,381 47,679 141,211 6,722	$\begin{array}{r} 2,957,454\\ 2,373\\ 36,801\\ 503,096\\ 104,366\\ 905,208\\ 2,574\end{array}$	977,729 7,602 60,987 578,743 76,526 475,013 10,007	3,935,183 9,975 97,788 1,081,839 180,892 1,380,221 12,581
Delta Denver Douglas	24 1,097 8	35 16,635 182	$\begin{array}{r} 37,130\\19,341,915\\244,164\end{array}$	221,153 79,339,944 1,052,660	123,633 46,071,326 730,656	344,786 125,411,270 1,783,316
Eagle Elbert El Paso	$\begin{array}{c} 4\\ 8\\ 141 \end{array}$	7 4 848	12,700 3,469 996,090	7,526 2,465 2,582,122	23,490 9,015 2,206,382	31,016 11,480 4,788,504
Fremont	45	821	1,023,831	3,370,459	3,417,111	6,787,570
Garfield Gilpin Grand Gunnison	$23 \\ 7 \\ 14 \\ 27$	43 9 365 58	68,215 9,854 636,170 82,067	208,589 13,355 247,613 48,359	125,226 21,738 751,170 130,685	333,815 35,093 998,783 179,044
Huerfano	21	36	43,271	163,009	111,213	274,222
Jackson Jefferson	$\frac{5}{23}$	27 220	37,855 213,940	17,750 532,638	74,768 374,531	92,518 907,169
Kiowa Kit Carson	6 19	8 20	$     \begin{array}{r}       11,616 \\       31,572     \end{array} $	6,020 52,618	18,574 93,400	24,594 146,018
Lake La Plata Larimer Las Animas Lincoln Logan	14 32 87 60 17 29	443 307 1,013 884 34 380	$569,798 \ 372,747 \ 1,278,179 \ 844,712 \ 53,916 \ 498,753$	3,174,910 2,672,480 7,632,171 2,341,662 413,182 1,631,399	$1,068,274 \\711,643 \\5,807,912 \\1,601,754 \\95,183 \\1,182,731$	$\begin{array}{r} 4,243,184\\ 3,384,123\\ 13,440,083\\ 3,943,416\\ 508,365\\ 2,814,130\end{array}$
Mesa Moffat Montezuma Montrose Morgan	38 6 16 26 31	$433 \\ 6 \\ 44 \\ 96 \\ 356$	$555,320 \\ 5,963 \\ 31,707 \\ 109,732 \\ 453,029$	2,250,361 19,694 87,330 432,386 2,769,274	$\begin{array}{r} 1,097,209\\ 19,624\\ 97,024\\ 269.550\\ 2,054,062 \end{array}$	3,347,570 39,318 184,354 701,936 4,823,336
Otero Ouray	57 7	1,223 26	1,667,381 38,184	5,388,842 24,329	$3,377,915 \\ 54,448$	8,766,757 78,777
Park Phillips Pitkin Prowers Pueblo	$13\\8\\6\\49\\143$	52 17 15 205 6,585	$58,141 \\ 21,136 \\ 11,797 \\ 231,635 \\ 8,229,412$	$\begin{array}{r}14,889\\247,955\\14,378\\3,199,746\\33,678,105\end{array}$	90,942 88,416 19,593 625,263 13,890,831	105,831 336,371 33,976 3,825,014 47,568,936
Rio Blanco Rio Grande Routt	10 24 18	24 74 150	35,390 76,890 219,926	72,823 485,047 323,739	53,555 188,484 303,490	126,378 673,531 627,229
Saguache San Juan San Miguel Sedgwick Summit	10 6 12 3 4	72 7 34 6 1	$59,001 \\ 8,885 \\ 51,933 \\ 7,476 \\ 418$	$108,952 \\ 10,472 \\ 45,335 \\ 10,707 \\ 1,786$	100,221 14,649 105,301 20,189 7,504	209,173 25,121 150,636 30,896 9,290
Teller	9	30	45,002	64,300	141,829	206,129
Washington Weld	7 98	$\begin{array}{c}13\\794\end{array}$	15,640 923,739	51,165 6,386,130	39,426 3,357,672	97,591 9,743,802
Yuma	24	36	43,319	112,050	98,179	210,229
All other counties*	5	9	8,269	2,975	19,698	22,673
State	2,631	35,254	\$ 42,974,879	\$174,870,275	\$100,752,060	\$275,622,335

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



#### COMPARATIVE POSITION OF AGRICULTURE, MANUFACTURING AND MINING, 1925



CHART SHOWING HANK 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%
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%

СІТҮ	Number Estab- lish- ments.	Wage- earners Av. No.	Wages	Cost of Materials	Value of Products
Boulder Colorado Springs Denver Greeley Pueblo Trinidad Remainder of state Entire State	$ \begin{array}{r}     21 \\     60 \\     686 \\     19 \\     84 \\     24 \\     522 \\     \hline     1416 \end{array} $	$ \begin{array}{r} 160\\ 451\\ 15,077\\ 190\\ 1,240\\ 313\\ 14,536\\ 31,967 \end{array} $	\$ 203,823 611,423 19,970,520 216,322 1,761,604 464,329 19,779,653 \$43,007,674	\$ 391,967 1,943,266 72,530,686 1,364,752 4,015,041 970,046 89,975,785 \$171,191,543	\$ 801,860 3,727,458 125,762,865 2,141,906 7,733,113 1,866,754 136,744,052 \$278,778,008

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

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.

## **Mineral Resources**

OLORADO occupies a unique posi-✓ tion among the states of the Union in the variety and extent of its mineral resources, both metal and nonmetal. 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 re-cent 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	Ranl
Coal (reserves)	:
Production of molybdenum (1925).	:
Gold output (1926)	:
Zinc and lead pigments for paints.	•••
Tungsten ore (1925)	:
Uranium and vanadium ores (1925)	:
All minerals (1925)	2

Resource	Ra	nk
All minerals (1919)		15
Copper (1926)		10
Silver (1926)		6
Lead (1926)		5
Zinc (1926)		6
Fluorspar (1925)		3
Petroleum (1928)		14
Coal (output)		9

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 1928 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 \$2,333,484,469 in gold, silver, copper, lead, zinc, coal and petroleum up to the end of that year, an amount more than \$755,-000,000 in excess of the total assessed value of all property in the state for taxation purposes on October 1, 1928.

The following table shows the total value of the output of the seven principal minerals produced in the state up to the end of 1928:

Mineral		Value
Gold		706.482.466
Coal		685,148,274
$Silver \dots$		514,540,340
Lead	• • • • • • • • • • • • • • •	211,966,677
Zinc	•••••	147,964,690
Copper	•••••	43,422,948
Petroleum .	•••••	23,959,074

Total .....\$2,333,484,469 A table published herewith shows the value of all minerals produced in Colorado by years from 1905 to 1925, 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 67 per cent of the total in 1925. On the contrary, the five principal metals supplied 75.4 per cent of the total in 1905 and only 33 per cent of the total in 1925. This indicates that while metal mining as a whole declined in the 21-year period, the output of other minerals increased and the total mineral output of the state shows a gain. 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 also is printed.

There is also published herewith a table giving mineral production of the state in 1924 and 1925, 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 1925, 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

VALUE OF ALL MINERALS PRODUCED IN COLORADO BY YEARS FROM 1905 TO 1925, INCLUSIVE

	Gold, silver, copper, lead and zinc.		All other minerals		Total value	
YEAR	Value	Per ct. of total	Value	Per ct. of total	production	
1905	\$ 44,699,700 43,899,199 39,466,900 32,718,573 33,901,891 33,671,502 32,418,218 37,320,966 35,450,585 33,460,126 46,426,697 49,200,697 42,084,668 34,160,172 21,679,614 21,679,614 21,679,614 21,679,614 21,679,614 21,679,614 20,851,267 \$669,709,333	75.4 62.9 55.5 55.8 57.3 55.8 61.7 64.1 65.3 64.1 72.2 63.3 52.4 43.2 36.1 28.8 26.0 27.9 30.1 30.3 33.0	\$ 14,581,244 25,935,382 31,638,228 25,910,914 25,288,533 26,686,213 20,104,198 20,846,433 18,843,696 18,701,534 17,868,422 28,442,081 38,211,550 44,843,756 38,250,665 54,138,922 40,039,556 42,907,556 42,297,692 \$657,908,240	$\begin{array}{c} 24.6\\ 37.1\\ 44.5\\ 42.7\\ 44.2\\ 38.3\\ 35.9\\ 34.7\\ 35.9\\ 27.8\\ 36.7\\ 47.6\\ 56.8\\ 63.9\\ 71.2\\ 74.0\\ 72.1\\ 69.9\\ 69.7\\ 67.0\\ \hline \end{array}$	\$ 59,280,944 69,834,581 71,105,128 58,629,487 59,190,424 60,357,715 52,52,416 58,167,399 54,294,281 52,161,660 64,295,119 77,642,778 80,296,218 79,003,928 59,930,279 54,045,056 54,045,056 54,045,056 54,062,777 61,379,146 61,487,882 63,148,959 \$1,327,617,573	

(Compiled from reports of the U. S. Bureau of Mines)

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<sup>1</sup>Value included under "Miscellaneous." <sup>2</sup>Figures obtained through co-operation with bureau of the census. <sup>4</sup>Value not included in total value for state. <sup>4</sup>No canvass. <sup>6</sup>Exclusive of basalt and marble, value for which is included under "Miscellaneous." <sup>6</sup>Includes minerals indicated by "1" and "5" above.

#### CHART SHOWING THE TREND OF MINERAL PRODUCTION IN COLORADO BY YEARS FROM 1905 TO 1925, 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.



#### PRINCIPAL MINING INDUSTRIES IN COLORADO (Census of 1919)

		Wage	Earners	• Value of Products	
	Num- ber of Enter- prises	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, \$; graphite, 1; gypsum, 2; petroleum, 10; pyrite, 1.

#### 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 1928 was \$1,624,381,121. In 1927. the production of these metals amounted to \$16,965,162, from 349 mines, of which 19 were placer and 330 were lode mines. Advance figures on the output of these metals in 1928, 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, are as follows:

	Quantity	Value
Gold Silver, ounces Copper, pounds	4,131,465	\$ 5,243,287 2,416,907 1,185,374
Lead, pounds Zinc, pounds	.65,203,000	3,296,196 3,912,180

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 preeminent position in the production of The world's largest other metals. molybdenum mine is located at Climax, in Lake county, operated by the Climax-Molybdenum company, and early in 1929 was producing approximately 1.000 tons of ore per day. 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, 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 the largest zinc mine in the world.

Gold leads the five principal metals in the value of total output, the production to the end of 1928 being a little more than \$706,482,000. At the present time Colorado ranks second among the states of the Union in the production of gold, first place having been surrendered to California in 1916. Colorado produced 14.8 per cent of the total gold output in the United States in 1926. In the 68-year period ending with 1925 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 1925, inclusive, a period of 134 years.

Silver production in Colorado from the beginning of the industry to the end of 1928 aggregated \$514,540,340. The state ranks sixth among the states in annual output, being exceeded in 1926 only by Arizona, Idaho, Montana, Nevada and Utah. In that year it produced 8.0 per cent of the country's supply. This figure shows a proportionate gain over 1925, when Colorado produced 6.8 per cent of the country's total output.

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 1928 was \$43,422,948. In 1925 the output reached the lowest point in 36 years, but in 1926 it began to increase and in 1928 the production was more than three 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 and 1928 it yielded second place to zinc. The aggregate production of lead to the end of 1928 was \$211,966,677, this giving it third place among the five principal metals. In 1926, Colorado was 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 1928, when there was a slight setback, and the aggregate value of output from 1885, when commercial production began, to the end of 1928, was \$147,964,-690. 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 1928.

While the five metals named above furnish the largest portion of the metal output, almost every useful metal found in the United States ex-Tungsten has been proists here. duced 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 \$50,614,424. There was a downward tendency in output until the bottom was the reached in 1921, with a total output for the year of \$14,005,500. Since then there has been a gradual increase. 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, pyrargyrite, stephenite, stromeyerite and sylvanite.

Lead is perhaps more widely distributed than any other metal found in the state, and is often associated with both gold and silver. The principal compound ores from which lead is produced are altaite, anglesite, cerusite, 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, chalcopyrite, chrysocolla, covellite, cuprite, enargite, malachite, melaconite, stromeyerite, tenantite and tetrahedrite

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, Fre-mont, Gunnison, Hinsdale, Lake, Min-eral, Ouray, Rio Grande, Saguache. Antimony (bournonite, polybasite, stib-nite)—Boulder, Clear Creek, Dolores, Grand, Gunnison, Ouray, Pitkin, San Juan, San Miguel, Teller.

Arsenic (arsenopyrite)—Gilpin, Gun-nison, Pitkin, San Juan, San Miguel.

Barium (barite)—Boulder, Pitkin, San Miguel. Mineral,

Bismuth (beegerite, bismuthinite, bismutite, cosalite, tetradymite)—Boulder, Chaffee, Fremont, Grand, Gunnison, Jef-ferson, Lake, La Plata, Larimer, Monte-zuma, Ouray, Park, San Miguel. Cadmium (greenockite)—Lake.

Cerium (allanite, gadolinite, monazite) Boulder, Chaffee, Costilla, Douglas, -Boulder, Chaffee, Routt, Washington. Douglas,

Cobalt (erythrite, smaltite)-Gunnison

Son. Copper — Archuleta, Baca, Boulder, Chaffee, Clear Creek, Conejos, Custer, Dolores, Eagle, Fremont, Garfield, Gil-pin, Grand, Gunnison, Hinsdale, Huer-fano, Jackson, Jefferson, Lake, La Plata, Larimer, Mesa, Mineral, Moffat, Monte-zuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller. Gold — Archuleta. Boulder, Chaffee,

San Miguei, Summit, Teller. Gold — Archuleta, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Dolores, Douglas, Eagle, Fremont, Gar-field, 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. Trom Chrown iron ore hematite mage

Iron (brown iron ore, hematite, mag-netite, marasite, 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 Baulder, Chaffer

Lead — Archuleta, Boulder, Chaffee, Clear Creek, Custer, Dolores, Eagle, Fre-mont, Glipin, Gunnison, Hinsdale, Lake, La Plata, Mineral, Montezuma, Ouray, Park, Pitkin, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

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Lithium (amblygonite)-Fremont.

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

Mercury (amalgam, cinnabar, quick-silver)—Boulder, La Plata.

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

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

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

Tellurium-Boulder, Teller.

Tin (cassiterite)-Garfield.

**Titanium** (ilmenite, rutile, perofskite) El Paso, Gunnison.

Tungsten (ferberite, hubernite, schee-lite)—Boulder, Chaffee, Clear Creek, Gil-pin, Gunnison, Lake, Ouray, San Juan, San Miguel, Summit. Radlum, Uranium, Vanadium (carno-

ite, pitchblend, volborthite) — Clear Creek, Custer, Dolores, Eagle, Garfield, Huerfano, Jefferson, La Plata, Mesa, Moffat, Montrose, Park, Rio Blanco, San Miguel.

Yttrium (allanite, gadolinite)-Boul-der, Douglas, Washington.

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

Zircon-El Paso.

# TOTAL VALUE OF GOLD, SILVER, COPPER, LEAD AND ZINC PRODUCED IN COLOBADO FROM 1859 TO 1923, BY YEARS (From "Mining in Colorado", by C. W. Henderson)



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ZINC	8)
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PRODUCTION	
MINE	

	Total Value	\$ 25,427,923 2,287,650 3,843,735 3,728,654	4,740,450 4,807,605 4,200,704 5,334,748 5,272,761	5,852,393 6,936,800 9,197,252 18,593,025 23,560,910	22,350,972 23,583,713 25,270,507 22,972,166 21,568,983	22,260,907 21,321,794 23,508,517 26,553,104 29,380,639	31,803,531 31,912,617 32,648,256 28,167,487 32,231,735	33,649,603 36,462,983 43,238,272 48,503,145 50,614,424
IC	Value				\$ 4,300	4,400 4,600 14,700 15,000 16,500	15,000 51,750 66,000 52,500 60,156	50,388 110,044 179,430 655,438 716,410
NIZ	Pounds				100,000	100,000 100,000 300,000 300,000 300,000	300,000 1,125,000 1,650,000 1,600,000 1,671,000	1,292,000 2,683,989 3,900,656 11,300,656 16,282,055
AD	Value	\$	$\begin{array}{c} 33,300\\73,600\\74,184\\76,676\\94,888\end{array}$	$\begin{array}{c} 81,375\\ 235,750\\ 494,000\\ 1,941,268\\ 3,567,400\end{array}$	$\begin{array}{c} 3,892,512\\ 5,390,000\\ 6,067,902\\ 4,674,209\\ 4,160,989\end{array}$	5,428,000 5,670,000 5,649,777 5,223,660 4,913,639	$\begin{array}{c} 5,429,009\\ 4,800,001\\ 4,070,000\\ 3,340,458\\ 3,006,975\end{array}$	2,688,178 2,908,692 4,309,813 6,212,178 7,228,090
LIF	Pounds	 	$\begin{array}{c} 555,000\\ 1,150,000\\ 1,236,400\\ 1,277,933\\ 1,636,000\end{array}$	$\begin{array}{c} 1,334,020\\ 4,286,364\\ 13,722,222\\ 47,348,000\\ 71,348,000\end{array}$	$\begin{array}{c} 81,094,000\\ 110,000,000\\ 141,114,000\\ 126,330,000\\ 126,692,000\\ 106,692,000 \end{array}$	$\begin{array}{c} 118,000,000\\ 126,000,000\\ 128,404,000\\ 133,940,000\\ 133,940,000\\ 109,192,000\end{array}$	$\begin{array}{c} 126,256,000\\ 120,000,000\\ 110,000,000\\ 101,226,000\\ 93,968,000 \end{array}$	89,606,000 80,794,286 113,416,138 138,048,446 164,274,762
PER	Value	\$ 11,500 24,735 38,654	$\begin{array}{c} 44,140\\ 72,542\\ 106,258\\ 104,619\\ 63,745\end{array}$	$\begin{array}{c} 70,000\\93,796\\89,000\\131,000\\183,826\end{array}$	$\begin{array}{c} 160,888\\ 285,354\\ 190,188\\ 261,706\\ 123,818\end{array}$	$\begin{array}{c} 127,257\\ 277,660\\ 272,345\\ 157,956\\ 559,368\end{array}$	$\begin{array}{c} 811,121\\ 880,866\\ 831,149\\ 615,734\\ 650,479\end{array}$	$\begin{array}{c} 650,395\\ 1,097,995\\ 1,347,965\\ 1,347,965\\ 1,258,041\\ 1,299,251 \end{array}$
COP	Pounds	50,000 102,000 182,500	$\begin{array}{c} 183,000\\ 204,000\\ 379,493\\ 475,541\\ 280,815\end{array}$	333,333 493,664 536,145 704,301 859,000	884,000 1,494,000 1,152,652 2,013,125 1,146,460	$\begin{array}{c} 1,146,460\\ 2,012,027\\ 1,621,100\\ 1,170,053\\ 3,585,691\end{array}$	6,336,878 7,593,674 7,695,826 6,481,413 6,079,243	6,022,176 9,149,967 10,870,701 7,356,970 7,826,815
VER	Value	\$ 406,139 266,150 630,000 660,000	$\begin{array}{c} 1,029,059\\ 2,015,000\\ 2,001,331\\ 3,000,966\\ 2,889,560 \end{array}$	2,974.707 3,458,546 5,373,904 13,327,257 16,557,170	$\begin{array}{c} 14,997,572\\ 14,548,359\\ 14,912,417\\ 13,736,251\\ 13,076,451\\ \end{array}$	$\begin{array}{c} 12,251,250\\ 11,369,534\\ 13,813,596\\ 17,272,629\\ 19,740,000 \end{array}$	$\begin{array}{c} 20,948,401\\ 20,880,000\\ 20,154,107\\ 14,667,281\\ 15,209,024 \end{array}$	$\begin{array}{c} 15.349,642\\ 12.766,919\\ 13.866,532\\ 13.868,811\\ 13.568,811\\ 12,608,637\end{array}$
TIS	Fine Ounces	$\begin{array}{c} 302,829\\ 200,716\\ 475,472\\ 496,988 \end{array}$	$\begin{array}{c} 776.648\\ 1,524,206\\ 1,543,047\\ 2,348,174\\ 2,330,291 \end{array}$	2,564,403 2,882,121 4,672,961 11,899,335 14,397,539	$\begin{array}{c} 13,272,188\\ 12,761,719\\ 12,761,719\\ 13,484,610\\ 12,375,000\\ 12,220,982 \end{array}$	$\begin{array}{c} 12.375,000\\ 11,601,563\\ 14,695,313\\ 18,375,136\\ 18,800,000 \end{array}$	$\begin{array}{c} 21,160,000\\ 24,000,000\\ 25,838,600\\ 23,281,398\\ 23,398,500 \end{array}$	22,573,000 21,278,202 23,502,601 23,114,688 20,336,512
GOLD	Total Value	\$ 25.021.784 2.010,000 3.180,000 3.015,000	$\begin{array}{c} 3.633,951\\ 2.646,463\\ 2.018,931\\ 2.152,487\\ 2.224,568\end{array}$	2,726,311 3,148,768 3,240,348 3,193,500 3,252,514	$\begin{array}{c} 3,300,000\\ 3,360,000\\ 4,100,000\\ 4,300,000\\ 4,203,425\end{array}$	$\begin{array}{c} 4,450,000\\ 4,000,000\\ 3,758,099\\ 3,883,859\\ 4,151,132 \end{array}$	4.600,000 5.300,000 7.527,000 9.491,514 13,305,100	$\begin{array}{c} 14.911,000\\ 19.579,433\\ 23.581.532\\ 26.508,675\\ 28.762,036\end{array}$
	YEAR	1858-67 1868 1869 1870	1871 1872 1873 1874 1875	1876 1877 1878 1879 1880	1881 1882 1883 1883 1884 1885	1886 1887 1888 1888 1889 1890	1891 1892 1893 1894 1895	1896 1897 1898 1899 1900

COLORADO YEAR BOOK, 1928-1929

$\begin{array}{c} 47,559,058\\ 44,980,655\\ 38,444,680\\ 40,992,379\\ 44,699,700\end{array}$	$\begin{array}{c} 43,899,199\\ 39,466,900\\ 32,718,573\\ 33,901,891\\ 33,671,502\\ \end{array}$	$\begin{array}{c} 32,418,218\\ 37,320,966\\ 35,450,585\\ 33,460,126\\ 43,426,697\end{array}$	$\begin{array}{c} 49,200,675\\ 42,084,668\\ 34,160,172\\ 21,679,614\\ 21,898,974\end{array}$	$\begin{array}{c} 14,005,500\\ 15,301,698\\ 18,471,590\\ 18,620,796\\ 20,851,267\end{array}$	20,883,968 16,965,162	\$1,608,323,177
$\begin{array}{c} 1,100,593\\ 2,523,963\\ 4,353,263\\ 3,405,353\\ 4,930,123\end{array}$	5,246,787 5,017,865 1,416,110 2,765,354 4,162,841	$\begin{array}{c} 5,392,625\\ 9,123,374\\ 6,683,400\\ 4,935,523\\ 12,969,779\end{array}$	$\begin{array}{c} 17,994,252\\ 12,272,209\\ 8,111,185\\ 2,717,096\\ 3,952,050 \end{array}$	$\begin{array}{c} 118,000\\ 1,325,706\\ 3,682,336\\ 3,687,255\\ 4,683,196\end{array}$	4,875,000 4,590,656	\$144,052,510
26,843,731 52,582,510 80,616,000 66,771,590 83,561,396	$\begin{array}{c} 86,012,903\\ 85,048,564\\ 80,130,002\\ 51,210,260\\ 77,089,648\end{array}$	94,607,456 132,222,812 119,346,429 96,774,960 104,594,994	$\begin{array}{c} 134,285,463\\ 120,315,775\\ 89,133,901\\ 37,220,493\\ 48,790,742\\ \end{array}$	2,360,000 23,258,000 54,152,000 56,727,000 61,621,000	65,000,000 71,729,000	1,994,911,985
$\begin{array}{c} 6,368,772\\ 5,358,169\\ 4,263,566\\ 4,622,453\\ 5,440,098\end{array}$	6,078,850 4,720,457 2,589,118 3,102,980 3,346,586	3,135,568 3,385,902 3,867,502 2,894,264 3,234,098	$\begin{array}{c} 4,893,072\\ 5,847,141\\ 4,683,214\\ 1,964,722\\ 3,730,383\end{array}$	$\begin{array}{c} 884,721\\ 1,291,246\\ 3,198,873\\ 3,804,565\\ 5,478,042\end{array}$	5,519,024 4,206,671	\$208,670,481
$\begin{array}{c} 148,111,020\\ 106,296,827\\ 101,513,414\\ 107,498,854\\ 115,746,777\end{array}$	$\begin{array}{c} 106,646,506\\ 89,065,232\\ 61,645,671\\ 72,162,326\\ 72,162,326\\ 76,058,775 \end{array}$	69.679,289 75,243,267 87,897,773 74,211,898 68,810,597	$\begin{array}{c} 70,914,087\\ 67,990,012\\ 65,960,760\\ 37,070,241\\ 46,629,788 \end{array}$	$\begin{array}{c} 19.660,466\\ 23,477,200\\ 45,698,185\\ 47,557,061\\ 62,966,000\\ \end{array}$	68,987,800 66,772,557	4,446,920,954
$\begin{array}{c} 1,314,712\\ 1,132,601\\ 1,069,958\\ 1,204,828\\ 1,207,201 \end{array}$	$\begin{array}{c} 1.277,338\\ 1.765,251\\ 1.346,547\\ 1.419,105\\ 1.061,632\end{array}$	$\begin{array}{c} 1,003,061\\ 1,172,705\\ 1,120,313\\ 1,120,313\\ 1,244,694\\ 1,244,694\end{array}$	$\begin{array}{c} 2,121,524\\ 2,217,307\\ 1,550,501\\ 662,193\\ 744,047\end{array}$	$\begin{array}{c} 535,794\\ 455,416\\ 624,472\\ 355,432\\ 335,432\\ 335,191 \end{array}$	476,539 742,846	\$42,237,574
$\begin{array}{c} 7,872,529\\ 8,463,938\\ 7,809,920\\ 9,412,707\\ 9,661,546\end{array}$	$\begin{array}{c} 6,618,332\\ 8,826,254\\ 10,201,123\\ 10,916,191\\ 8,359,307 \end{array}$	8,024,488 7,107,303 7,227,826 6,639,173 7,112,537	8,624,081 8,122,004 6,277,332 3,560,207 4,043,734	$\begin{array}{c} 4,153,442\\ 3,373,454\\ 4,248,109\\ 2,713,219\\ 2,360,500\end{array}$	3,403,850 5,670,581	277,226,700
$\begin{array}{c} 11,095,538\\ 8,449,008\\ 7,152,536\\ 7,517,260\\ 7,527,056\end{array}$	$\begin{array}{c} 8,390,553\\ 7,655,679\\ 4,771,227\\ 4,630,444\\ 4,594,829\\ \end{array}$	3,884,989 5,050,423 5,632,454 4,864,224 3,563,182	5,038,006 6,018,787 7,063,554 6,448,971 5,896,175	5,631,657 5,855,911 4,374,280 2,180,428 3,127,816	2,935,372 2,145,871	\$912,123,433
$\begin{array}{c} 18,492,563\\ 15,941,523\\ 13,245,438\\ 12,960,792\\ 12,339,435\\ 12,339,435 \end{array}$	$\begin{array}{c} 12,339,052\\11,599,514\\9,002,316\\8,904,701\\8,508,942\end{array}$	7,330,168 8,212,070 9,325,255 8,796,065 7,027,972	7,656,544 7,304,353 7,063,554 5,758,010 5,409,335	5,631,657 5,855,911 5,334,488 3,254,370 4,506,940	4,704,122 3,784,605	040,099,437
27,679,443 28,516,914 21,605,357 24,242,485 25,295,222	$\begin{array}{c} 22,905,671\\ 20,307,648\\ 22,595,571\\ 21,984,008\\ 20,505,614\\ \end{array}$	$\begin{array}{c} 19,001,975\\ 18,588,562\\ 18,146,916\\ 19,883,105\\ 22,414,944 \end{array}$	$\begin{array}{c} 19,153,821\\ 15,729,224\\ 12,751,718\\ 9,886,627\\ 7,576,319\end{array}$	6,835,328 6,373,419 6,591,629 8,593,116 7,227,022	7,078,033 5,279,118	\$11,203,118
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1901 1902 1903 1904 1905	1906 1907 1908 1909 1910	1911 1912 1913 1914 1915	1916 1917 1918 1919 1920	$   \begin{array}{c}     1921 \\     1922 \\     1923 \\     1924 \\     1925   \end{array} $	$1926 \\ 1927$	

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	GOLD	TIS	VER	COP	PER	LE/	AD	NIZ	C	Total Gold,	
d Count	Value	Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	Silver, Copper Lead and Zinc Value	
27 Adams 25 Arapahoe 04 Archuleta	**************************************	5 84 101 505	\$ 54 64 302							\$ 11,180 8,211 1,791	001
17 Baca27 Boulder	16,235,30	2 356 3 8,165,488	226 7,680,403	21,511 974,794	\$ 4,441 149,458	7,030,349	\$ 388,648			4,959 24,453,812	
27 Chaffee 27 Clear Cr 06 Conejos	7,414,18           22,793,57           38,44           43,46           21,189,63	4         5,241,774           2         58,384,280           5         55,823           8         2,715           4,575,307	$\begin{array}{c} 4,247,335\\52,746,727\\33,278\\1,592\\4,568,328\end{array}$	$\begin{array}{c} 9,658,865\\ 11,987,640\\ 4,815\\ 4,815\\ 1,827\\ 567,125\end{array}$	$1,728,963 \\ 1,936,896 \\ 797 \\ 239 \\ 106,940$	130,946,193 179,975,012 3,400 50,048 39,676,838	$\begin{array}{c} 5,783,137\\ 8,252,017\\ 8,252,017\\ 149\\ 1,802\\ 1,995,489\end{array}$	28,865,705 31,373,221  217,227	\$ 2,511,825 2,279,408  14,787	$\begin{array}{c} 21,685,444\\ 88,008,620\\ 72,669\\ 47,101\\ 8,875,175\end{array}$	
10 Delta 27 Dolores 26 Douglas-	4,27 1,992,45	3 306 1 11,987,993 8 11,987,993	176 9,391,897 128	6,541,075	1,190,130	54,937,634	2,937,429	29,491,116	2,016,093	$\begin{array}{c} 4,449\\ 17,528,000\\ 4,796\end{array}$	
27 Eagle Elbert	3,065,89	8,128,590	6,870,843	7,414,171	1,113,466 2,000	100,748,592	4,910,167	215,360,129	18,066,178	34,026,547 148 2,000	
27 Fremont.	81,16	5 91,948	85,525	667,955	120,562	687,477	29,011	1,452,769	105,693	421,956	
27 Garfield- 27 Gilpin 25 Grand 27 Gunnison	84,318,893 84,318,893 13,186 2,265,833	5 10,600.503 3 10,600.503 4,656 5,578,195	437 8,597,560 3,538 4,997,959	$\begin{array}{c} 1,044\\ 25,459,653\\ 5,171\\ 1,016,603\end{array}$	$\begin{array}{c} 153\\ 4,174,718\\ 805\\ 184,948\end{array}$	$\begin{array}{c} 10,142\\ 36,191,145\\ 4,345\\ 48,848,679\end{array}$	$\begin{array}{c} 1,613,450\\ 2,432,593\end{array}$	386,113 25,287,150	$\frac{-31,427}{2,103,305}$	$\begin{array}{c} 18,164\\ 98,736,048\\ 17,777\\ 11,984,643\end{array}$	_,
17 Hinsdale.	1,458.47	4 5,730,392 4 1,176	4,641,851 698	2,902,506 92	408,708 11	98,157,881 1,067	4,064,994 38	1,219,634	66,159	10,640,186 $4,221$	
18 Jefferson	62,29	6 7,058	4,631	20,695	3,347	10,863	398			70,672	
27 Lake	53,320,99	7 233,020,138 9 34,424	191,056.318 22,571	100,788,560	14,423,572	1,980,971,474 2,000	89,776,617 174	1,297,583,034	89,765,113	438,342, <b>6</b> 17 76,394	
La Plata		6 1,766,360	1,137,638	278,979	45,087	260,093	12,185			4,807,066	
Larimer- 17 Jackson_	24,30	4 2.502	1,735	235,328	38,647	1		30,722	1,659	66,345	

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2,109	$\begin{array}{c} 13,396\\ 43,466508\\ 799\\ 279,604\end{array}$	78,539,546	20,089,381 102,399,475 883	2,804,461	430,470	4,974,912 86,226,437 115,194,302 51,603,191	342,361,756	9,926	\$1,608,323,177
	1,518,005	122,736	196,964 1,198,249			$\begin{array}{c} 215,762\\ 10,114,660\\ 1,418,619\\ 12,305,868\end{array}$			\$144,052,510
	27,662,407	1,500,650	2,993,532 18,751,002 			3,035,548 137,425,684 19,545,182 152,731,160			1,994,911,985
	8,847,620 3	7,276,722	1,853,063 26,583,958	2,578	5,205	$\begin{array}{c} 1,312,382\\ 21,155,296\\ 11,832,751\\ 7,601,668\end{array}$	49		\$208,670,481
	20 199,099,849 64	163,790,380	41,455,895 575,775,142 	53,110	139,536	$\begin{array}{c} 21,311,256\\ 390,551,822\\ 212,710,154\\ 163,519,882\end{array}$	612		4,446,920,954
	5,339 44,187 	3,376,653	394,284 197,443 35	19,858	16,704	816,357 8,570,565 2,902,943 165,336	83		\$42,237,574
	36,173 275,088 	23,426,623	2,092,512 1,128,463 210	124,005	78,570	5,701,054 56,237,860 17,871,307 1,160,107	451		277,226,700
15	$\begin{array}{c} 30,330,422\\$	32,497,126	6,940.110 73,841,895 55	170,889	19,696	$\begin{array}{c} 2,336,582\\ 22,409,885\\ 34,258,452\\ 11,868,237\end{array}$	1,216,753	1,141	\$512,123,433
20	$\begin{array}{r} 5,015\\ 46,311,241\\\\ 212,958\end{array}$	42,128,180	6,999,156 98,385,380 90	177,178	28,941	3,169,025 31,745,741 46,864,643 13,817,791	1,871,307	1,214	645,099,437
2,094	$\begin{array}{c} 5,040\\ 2,726,274\\ 799\\ 48,357\end{array}$	35,266,309	10,704,960 577,930 793	2,611,136	388,865	293,859 23 976,031 64,781,537 19,667,082	341,144,871	8,785	\$701,239,179
Las Animas.	Wesa Mineral Montrose	Ouray	Park Pitkin Pueblo	Rio Grande.	Moffat	Saguache San Juan San Miguel Summit	Teller	Miscellaneous	Totals
1887-1899	1885–1927 1891-1927 1924-1927 1886-1927	1878-1927	$\frac{1859-1927}{1880-1927}$ 1894-1901	1870-1927	1866-1922	1880-1927 1873-1927 1875-1927 1859-1927	1891-1927	1888-	

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MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO IN 1927, BY COUNTIES, IN TERMS OF RECOVERABLE METALS (Final figures by Chas, W. Henderson, of the United States Bureau of Mines, Department of Commerce)

4			c (	) L (	R	A .	D	O Y	E.	A R	В	00	) <u>K</u>	, 1	9	28-	$\cdot 1$	92	9	
	Value	\$ 3,353	122,758	8,881 101,735	43,303 $1,432,554$	826,755	366	760 39,696 88,502	15,603	2,874,116 28,156	126,809	476 93	107,559	44,857 250,804	133,682	1,321,640 3,419,371	2,110,303 532,952	3,321,875	\$16,965,162 $\ddagger20,883,968$	3,918,806
NC	Value			\$ 3,008	679,360	499,200		29,120	2,816	1,516,160			5,952	12,800		1,463,616	40,312 333,312		\$4,590,656 4,875,000	284,344
11Z	Pounds			47,000	10,615,000	7,800,000		455,000	44,000	23,690,000			93,000	200,000		22,869,000	5,208,000		71,729,000 65,000,000	+6,729,000
AD	Value		\$ 10,539	4,328 15,368	43,091 629,230	259,371	157	639 5,836 43,576	9,783	854,454	4,743		18,315	2,487 151,634		379,904 1,088,074	77,347		\$4,206,671 5,519,024	-1,312,353
LE.	Pounds		167,288	68,700 243,939	683,983 9,987,777	4,117,000	2,492	$\begin{array}{c} 10,142\\ 92,635\\ 691,682\end{array}$	155,285	13,562,762	75,286		290,713	39,477 2,406,888		6,630,222 17,271,016	9,647,940 1,227,730	1	66,772,557 68,987,800	2,215,243
PER	Value		\$ 450	2,333	13 17.161	11,659	105	1,141 $456$	340	22,591	117		11,228	432		442,584 202,947	28,147		\$742,846 476,539	+266,307
COPI	Pounds		3,436	17,809	131,000	89,000	801	8,710 3,481	2,596	172,450	893		85,710	3,298		3,378,504 1,549,214	4,137		5,670,581 3,403,850	+2,266,731
/ER*	Value	\$ 13	23,586	1,154 20,798	98,315	48,615	77	$ \begin{array}{c} 110\\ 4,321\\ 11,192\end{array} $	1,954	233,304 5,053	$46 \\ 121,820$	1	44,958	$2,219 \\ 86,370$	152	479,140 411,807	22,629	14,370	2,145,871 2,935,372	789,501
SILV	Fine Ounces	23	41,598	2,035 36,681	342 173,395	85,741	136	194     7,621     19,739	3,446	411,471 8,912	81 214,850	2	79,291	3,913 152,328	268	845.044 726,291	39,910	25,344	3,784,605 4,704,122	
#GIIOD	Value	\$ 3,340	88,183	391 63,236	10 8.488	7,910	27	$ \begin{array}{c} 11\\ 28,398\\ 4,158 \end{array} $	715	247,607 23,103	246	476 92	27,106	39,719	133,530	20,012 252,927 099,906	922,500 99,122	3,307,505	\$5,279,118 7,078,033	—1,798,915
cing	Total	5	33	52	13	2	1	1 29 7	8	39 2	41	01 01	14	10 10	1	12	19	50	349 418	69
Produ	I.ode		33	51	13	5	1	1 26 7	x	39 2	41	11	14	9 10	1	10	12	50	330 387	-57
Mines	Pla- cer	2	1	11	; ;	1	1	cc	;	11	11	0101	-		1		<u>L</u>	-	31	-12
	COUNTY	Adams	Boulder	ChaffeeClear Creek	Custer	Eagle	Fremont	Garfield	Hinsdale	I.ake	MesaMineral	Montrose	Ouray	Park Pitkin	Rio Grande	Saquache	Summit	T'eller	Total, 1927 Total, 1926	Increase or decrease from 1926

\*Includes placer production as follows: 1926, \$46,954 in gold and 569 ounces of silver; 1927, \$94,434 in gold and 1.136 ounces of silver. †Average value of metals: robot, 220,5185 per nound: 20,5188 per pound; zinc, 80,054 per pound; Zinc, 80,054

#### STONE AND OTHER NON-METALS

ranks first among Colorado 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 as reported by the United named States bureau of mines, was as follows:

	1925	1924
Stone	\$881.756	\$1.221.574
Granite	213,256	152,209
Limestone	575,562	656,193
Sandstone	63,268	84,984

Fotal .....\*\$1,733,842 \$2,114,960

\*Does not include basalt, marble and miscellaneous.

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 marble deposits are The most extensive 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 refrac-These establishments tories. 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 prod-ucts valued at \$287,820. Fire clay, plastic clay and kaolin, also, are widely distributed. Fluorspar has been mined in the state since the early The value of the output in seventies. 1925 was \$153,707, compared with \$135,411 in 1924 and \$59,710 in 1923. Lime and gypsum are among the important non-metal products of the state

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, Gra Mesa, Routt, Rio Blanco. Grand, Jefferson,

Basalt—Boulder, Delta, Eagle, Gar-field, Grand, Huerfano, Jefferson, Las Animas, Mesa, Rio Blanco.

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, Pit-kin, Rio Blanco, Routt, Weld. Feldspar—El Paso. Fire Clay—Bent, Boulder, Custer, Douglas, El Paso, Fremont, Garfield, Gunnison, Huerfano, Jefferson, Larimer, Las Animas, Pueblo.

Las Animas, Pueblo. **Fluorspar** — Boulder, Chaffee, Clear Creek, Custer, Dolores, Douglas, El Paso, Fremont, Gilpin, Jefferson, Lake, Lari-mer, Mineral, Montezuma, Montrose, Park, San Juan, Saguache, San Miguel, Teller Teller

Fuller's Earth—Chaffee, Washington. Gem Stones—Chaffee, Clear Creek, Eagle, El Paso, Fremont, Hinsdale, Jef-ferson, Lake, Larimer, Moffat, Park, Sa-guache, Teller. Glass Sand—Bent, Fremont, Prowers,

Pueblo.

Granite—Archuleta, Boulder, Chaffee, Granite—Archuleta, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, El Paso, Fremont, Garfield, Gunnison, Jackson, Jefferson, La Plata, Larimer, Las Ani-mas, Mineral, Moffat, Ouray, Park, Pu-eblo, Rio Blanco, Rio Grande. Graphite—Chaffee, Gunnison, Las Ani-mas.

mas

**Gypsum** — Custer, Delta, Dolores, Eagle, El Paso, Fremont, Garfield, Jef-ferson, 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, Rio Elanco.

Larimer, Pueblo. Mica-Clear Creek, Fremont, Larimer,

Mesa.

Mesa, Oil Shale—Garfield, Gunnison, Mesa, Moffat, Montrose, Rio Blanco. Onyx—Gunnison. Petroleum—Boulder, Fremont, Lari-mer, Mesa, Moffat, Montrose, Pueblo, Rio Blanco, Routt. Potash—Costilla, Delta. Sandstone—Archuleta, Boulder, Chaf-fee, Conejos, Costilla, Custer, Delta, Do-lores, Douglas, Eagle, Elbert, El Paso, Premont, Garfield, Gunnison, Jackson, La Plata, Larimer, Las Animas, Mesa, Mineral, Ouray, Park, Pueblo, Rio Blanco. Blanco.

Salts of Sodium—Alamosa, Saguache. Slate—Gunnison.

Sulphur-Gunnison, Mineral.

#### 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 1928 being estimated at \$685,148,274, exceeded only by the value of the state's gold output.

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 The areas mentioned commining. prised 19,754 square miles. These figures are given in detail in the following table:

Sq. Mi.         Tonnage           Denver region         6,860         36,297,700,000           Canon City field		Area	
Denver region         6,860         36,297,700,000           Canon City field         40         932,800,000           Month Park         100         2,588,600,000           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           Area north of Man-         26,283,400,000         342,300,000           Cos and west of         74,000,000         74,000,000           Total	Tonnage	Sq. Mi.	
Canon City field	36.297.700.000	6,860	Denver region
Trinidad       1,115       22,198,000,000         North Park       100       2,588,600,000         Yampa field       3,130       122,999,800,000         Uinta basin       6,500       206,283,400,000         South Park       73       18,100,000         Durango field       1,860       26,197,800,000         Tongue Mesa       40       842,300,000         Area north of Man- cos and west of Telluride       36       74,000,000         Total	932.800.000	40	Canon City field.
North Park         100         2,588.600,000           Yampa field	22,198,000,000	1,115	Trinidad
Yampa field 3,130         122,999,800,000           Uinta basin 6,500         206,283,400,000           South Park	2,588.600,000	100	North Park
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         74,000,000         74,000,000           Total	122,999,800,000	3,130	Yampa field
South Park	206,283,400,000	6,500	Uinta basin
Durango field         1,860         26,197,800,000           Tongue Mesa         40         \$42,300,000           Area north of Man- cos and west of Telluride         74,000,000           Total	18,100,000	. 73	South Park
Tongue Mesa         40         \$42,300,000           Area north of Man- cos and west of Telluride         36         74,000,000           Total	26,197,800,000	1,860	Durango field
Area north of Man- cos and west of Telluride         36         74,000,000           Total	842,300,000	. 40	Tongue Mesa
cos and west of Telluride         36         74,000,000           Total			Area north of Man
Total			cos and west of
Total	74,000,000	. 36	Telluride
Coal mined up	418,432,500,000	19,754	Total
			Coal mined up
to end of			to end of
1925 300,351,000		51,000	1925 300,3
Est. loss in			Est. loss in
mining 150,000,000		00.000	mining 150.0
Total exhaus-			Total exhaus-
tion 450,351,000	450,351,000		tion
Coal unmined 417,982,149,000	417,982,149,000		Coal unmined

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:

	Area	
Field	Sq. Mi.	Tonnage
Canon City	. 40	932,000,000
Trinidad	. 1,035	22,198,000,000
Yampa		85,045,000,000
Uinta Basin	. 2,780	76,282,000,000
South Park	. 3	18,000,000
Durango	.1,840	8,504,000,000
Tongue Mesa	. 40	842,000,000
Southwest Colorad	lo 36	74,000,000
Yampa and Uint	ta	
(below 3,000 ft.	.)	310,000,000,000
	0.004	FOR 805 000 000
Total	.8,904	503,895,000,000

The Colorado state geological survey estimates on area and available supply are as follows:

Field	Area Sq. Mi.	Tonnage
Denver region	4,300	13,590,000,000
Durango field	1,900	21,428,000,000
North Park	500	453,000,000
Trinidad	1,080	24,462,000,000
Uinta region	6,000	271,810,000,000
Yampa field	3,700	39,639,000.000
Scattered fields	350	388,000,000
	17 020	971 770 000 000

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.

Year

1884 .....

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

A table published herewith shows Colorado's coal production by years from 1864 to 1928, inclusive, with its estimated value at the mine; coal production by counties by years, and a table giving production, average number of men employed, number of fatal accidents, number of mines, etc., from 1913 to 1928, 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

2,542,554 3,051,589 3,215,594 3,941,817 4,808,049 1,398,796 1,436,211 1,791,735 1885 ..... 1886 1887 1888 2,185,477 2,185,477 2,400,629 3,075,781 3,512,632 3,771,234 3,947,056 3,021,928 2,220,495 1889 .... 1890 .... 3,843,992 4,344,196  $\begin{array}{c} 1890 \\ 1891 \\ 1892 \\ 1893 \\ 1893 \\ 1894 \\ 1895 \\ 1895 \\ 1896 \\ 1897 \\ 1898 \\ 1898 \\ 1899 \\ 1899 \\ 1900 \\ 1901 \\ 1901 \\ \dots \\ \dots \\ \end{array}$ 4,800,000 5,685,112 5,685,112 5,104,602 \*4,078,000 \*4,519,000 \*4,560,000 \*4,475,000 \*5,215,000 5,363,667 5,858,036 6,441,991 3,339,495 3,371,633 3,565,660 4,174,037 4,826,939 6,441,891 8,397,812 9,150,943 8.751,821 10,810,97812,735,61615,079,44913.586,988 $\begin{array}{c} 14,206,012\\ 17,026,934\\ 14,747,764\\ 16,345,336\\ 14,035,090\\ 13,601,718\\ 13,599,264\\ 13,601,718\\ 13,599,264\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,601,718\\ 13,600\\ 31,321,000\\ 31,321,000\\ 31,350,000\\ \end{array}$ 14,206,012 1925 10,440,387 . . . . . . . . . . 10,616,760 9,781,580 9,921,585 31,850,000 34,235,530 34,725,547 1926 1927 1928 ..... \$685.148.274

Tons

1,130,024

\*Estimated.

#### 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 1000 Employed	Tons Coal Produced Per Fatal Accident	Total No. of Mines State
1913 1914 1915 1916 1917 1918 1920 1921 1922 1923 1923 1924 1925 1926 1926 1928	$\begin{array}{r} 9,268,939\\ 8,201,423\\ 8,715,397\\ 10,522,185\\ 12,515,305\\ 12,658,055\\ 12,658,055\\ 10,406,543\\ 12,514,693\\ 9,141,947\\ 10,003,610\\ 10,336,735\\ 10,501,088\\ 10,440,387\\ 10,616,760\\ 9,781,580\\ 9,921,585\\ \hline\end{array}$	$\begin{array}{r} 12,871\\ 10,596\\ 12,563\\ 13,315\\ 13,970\\ 14,374\\ 12,799\\ 13,665\\ 14,164\\ 13,436\\ 13,277\\ 12,703\\ 12,228\\ 11,768\\ 11,453\\ 11,474\\ \hline \hline 12,701\\ \end{array}$	$ \begin{array}{r} 110\\75\\64\\48\\71\\91\\70\\52\\74\\66\\44\\57\\52\\54\\35\\\hline71\\8\end{array} $	$\begin{array}{c} 8.6\\ 7.0\\ 5.1\\ 3.35\\ 13.5\\ 4.94\\ 7.1\\ 5.1\\ 3.6\\ 5.51\\ 4.97\\ 3.48\\ 4.66\\ 4.42\\ 4.7\\ 3.05\\ \hline 5.61\end{array}$	84,263 109,352 136,178 239,095 66,571 177,578 114,357 178,781 175,807 135,184 156,617 238,661 183,165 204,168 181,140 283,474	178 188 199 238 249 241 231 249 275 276 276 277 283 261 266 266 266

Value

COUNTY	Tons 1920*	Tons 1924	Tons 1925	Tons 1926	Tons 1927	Tons 1928
Archuleta		2,419	1,307	1,106	414	515
Boulder	1,230,347	682,541	615,943	600,849	433,661	434,995
Delta Dolores	123,478	88,547	73,483	69,838 5,220	87,883 9,200	68,745 8,354
Elbert El Paso	379,869	$\substack{2,527\\360,811}$	2,008 330,228	$\substack{3,254\\352,300}$	$\substack{3,615\\349,386}$	4,249 352,589
Fremont	874,766	698,238	647,189	572,631	449,769	480,069
Garfield Gunnison	$28,507 \\ 620,632$	$\begin{array}{r} 22,758\\ 469,081 \end{array}$	$31,275 \\ 518,813$	$\begin{array}{r} 31,292\\566,315\end{array}$	$30,654 \\ 555,837$	$\begin{array}{r} 33,498\\460,805\end{array}$
Huerfano	2,448,733	2,005,223	2,141,224	1,967,437	1,814,629	1,800,105
Jackson Jefferson	50,905 176,427	$69,787 \\ 127,616$	$\begin{array}{r} 63,221\\103,348\end{array}$	$59,192 \\ 102,416$	$69,799 \\79,380$	66,832 101,169
La Plata Las Animas	$132,497 \\ 4,345,110$	92,927 3,157,988	$105,245 \\ 3,018,164$	102,998 3,299,803	92,215 3,231,872	89,701 2,944,211
Mesa Moffat Montezuma Montrose	$174,801 \\ 3,173 \\ 4,147 \\ 2,105$	$136,694 \\ 6,808 \\ 6,815 \\ 2,790$	$137,381 \\7,937 \\8,047 \\2,013$	$127,096 \\ 6,196 \\ 6,156 \\ 1,091$	$118,495 \\ 5,357 \\ 7,928 \\ 1,346$	$163,861 \\ 7,396 \\ 7,399 \\ 1,354$
Ouray	500		892		250	373
Pitkin	913	5,941	5,994	3,002	2,224	16,198
Rio Blanco	6,068	4,873	5,384	6,175	5,042	5,942
Routt	966,912	904,876	1,006,390	917,717	921,614	928,855
Safi Miguel		322	793	1,047	1,096	1,057
Weld	944,803	1,651,506	1,814,101	1,813,629	1,509,914	1,943,313
Total	12,514,693	10,501,088	10,440,387	10,616,760	9,781,580	9,921,585

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

\*Year of peak output.

### COKE PRODUCTION

There were 493 coke ovens operated in Colorado during 1928, with an output of 750,022 tons of coke. An average of 208 men were employed and 1.265,105 tons of coal was made The production of coke into coke. began in Colorado in 1880, when the total output was 25,568 tons. A steady increase in output continued up to 1891, in which year the quantity was 277,074 tons. During the next 20 years Colorado's output was not reported separately, but included Utah production. The maximum output for Colorado was in 1917 when the total was 1,112,449 tons.

#### OIL AND NATURAL GAS

Petroleum and natural gas are listed among the more important of the Colorado mineral resources. The state has been a steady producer of crude oil in comparatively small quantities since 1862, when oil was discovered in what is now known as the Florence field, That was only in Fremont county. three years after the first producing oil well was drilled in this country, Colorado being the second state in the Union to produce that mineral. 1902 oil was discovered near Boulder, in Boulder county, and about the same time some discoveries were made in what are known as the Rangely field in the northwestern corner of Rio Blanco county, and the De Beque field in Mesa county. Most of the production in these fields came from shale formations or thin 'sand strata and. with the exception of Florence, were commercially unimportant.

Prospecting continued almost without interruption from the date of these discoveries without any important results until 1923. On January 1, 1923, there were 80 producing wells in the state with a daily average production of 3.2 barrels each. In addition to these wells, mostly in the Florence field, there had been drilled outside the proven areas 137 tests by numerous companies in 32 counties of the state without opening any new pools.

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 in 1928, 1927 and 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. A table showing approximately the number of wells drilled in the state up to January 1, 1929, the number of active operations on that date, and total, by counties, is as follows:

County	Completed or Abd.	Drill- ing	Total
Adams	3	1	4
Alamosa		ō	ŝ
Arapahoe	1	ĩ	2
Archuleta	2	î	2
Baca	ĩ	1	9
Bent	1	2	2
Boulder	194	2	190
Chevenne	2	2	120
Custer	7	9	<u>ن</u>
Delta		4	9
Doloros	4	1	3
Douglag	••••	1 L	Ţ
Flhant	··· ð	0	3
El Dega	· · · · J	4	11
El Faso	•••• 5	1	6
Fremont	1,111	16	1,127
Garneld	9	0	9
Gunnison	1	0	1
Huerfano	4	2	6
Jackson	9	5	14
Jefferson	2	1	3
Kiowa	5	ō	5
Kit Carson	2	Õ	2
La Plata	14	š	$1\bar{7}$

County	Completed or Abd.	Drill- ing	Total
Larimer		7	9.8
Las Animas.	29	ż	39
Lincoln	2	ĭ	3
Logan		ō	, s
Mesa	30		22
Moffat	54	8	60
Monteguma	7	ő	04
Montrogo	· · · · · · · · ·	1	ć
Mongan	J	1	0
Otono	· · · · · · · ·	1	2
Otero	· · · · Z	0	2
Prowers	•••• 4	0	4
Pueblo	28	1	29
Rio Blanco	29	1	30
Routt	37	7	44
Saguache	4	0	4
Washington .	2	Õ	$\overline{2}$
Weld	6	3	9
Yuma		1	ğ
- unite	····		
Total	1 666	81	1 7 4 7

The total production of crude oil in Colorado from 1862 to 1928, inclusive, a period of 67 years, was 22,092,324 barrels, of which 9,377,324 barrels, or 42.5 per cent, was produced in the four-year period of 1925 to 1928, inclusive. The following table gives the gross output by years and the estimated value at the well:

# PRODUCTION OF CRUDE OIL IN

Year	Barrels	Value
1862-86	350.000	¢ 945 000
1002-00	154,000	φ <u>240,000</u>
1007	104,000	123,200
1000	298,000	262,240
1009	317,000	280,240
1890	369,000	324,720
1891	666,000	559,005
1892	824,000	692,160
1893	594,000	497,581
1894	516,000	423,420
1895	438,000	359,160
1896	361,000	295,020
1897	385,000	346,500
1898	444,000	444,000
1899	390,000	404,110
1900	317,000	323,434
1901	461,000	461,030
$1902\ldots\ldots\ldots\ldots$	397,000	486,583
1903	484,000	431,723
1904	501.000	587,035
1905	376,000	337,606
1906	328,000	262.675
1907	332,000	272,813
1908	380,000	346,403
1909	311,000	317 712
1910	240,000	243 402
1911	227,000	228 104
1019	206,000	199,661
1012	189,000	174 779
1014	222,000	200 894
1015	223,000	200,004
1010	107 000	200,414
1017	191,000	199 100
191(	142,000	100 179
1918	143,000	100,474
1919	121,000	100,000
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
19251	,211,702	1,817,553
$1926\ldots 2$	2,692,892	4,577,916
$1927\ldots 2$	2,722,670	2,611,058
$1928\ldots 2$	2,750,060	2,655,670
Total	2,092,324	\$23,959,074
Note - Above f	igures un	to 1925 are
from reports of	the US	geological
curroy Figuros	for years	beginning
with 1025 wor	compiled by	v the state
immigration dena	rtment	, the state

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													3	To	. We	118	Av.	Pre	ođ.
1921.															80				3.2
1922.															75				3.2
1923.															60				3.5
1924.						•	•		•		•	•	•	•	70			2	5.8
1925.			•	•	•	•	•	•	•	•	•	•	•	•	80			6	4.1
1926.									•	•				•	130			6	0.3

The average production per well of 60.3 barrels in 1926 compares with an average for the United States of 7.4 barrels, and was the highest for any state. California was second, with an average of 58.1 barrels. Average production per well in Oklahoma was 9.3 barrels, and in Texas 20.9 barrels. The total of 130 producing wells in Colorado on December 31, 1926, compares with 318,600 in the United States on that date.

Natural gas in commercial quantities has been developed on the Wellington dome in Larimer county, the Garmesa dome in Las Animas county, the Garmesa dome in Mesa county, the Hiawatha and Thornburg domes in Moffat county, and the White River and Rangely domes in Rio Blanco county. Wellington dome gas is being used for domestic purposes in Fort Collins and Cheyenne, Wyoming, and Hiawatha gas is to be piped into Utah in a line now under construction. Information concerning gas piped into Colorado for domestic and manufacturing purposes is given in a separate chapter on that subject.

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 chart showing the formations in the principal areas of the state is published herewith as an insert. 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 produc-ing wells in each, and the average daily production in January, 1929.

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 200barrel skimming plant at Rangely which operates on crude produced in the field where it is located.

POOL	County	Date Opened	Av. gr. of oil	Depth to sands (feet)	Producing Formations	No. wells Jan. 1, 1929	Av. daily production Jan., 1929
Fort Collins	Larimer	1924	37.5	4,550	Dakota	14	568
Wellington	Larimer	1923	33.5	4,400	Dakota	20	2,145
Moffat	Moffat	1924	41.6 38.0	3,800 4,200 4,400	Dakota Morrison Sundance	20	844
Iles	Moffat	1927	32.5	3,200 3,400	Morrison Sundance	12	1,388
Florence- Canon City	Fremont	1887 1926	31.0	1,000 to 2,300	Pierre shale	102	1,114
Walden	Jackson	1926	54.0	5,100	Dakota	1	11
Tow Creek	Routt	1924	36.0	2,500 to 3,100	Shale above Dakota	13	515
Rangely	Rio Blanco	1902	52.0	600	Mancos shale	6	65
Boulder	Boulder	1901		2,500	Shale	Б	25
Total						193	6,675

PRODUCING OIL POOLS IN JANUARY, 1929

eozoic	Carboniferous Permis	ppin Pennsylvanian Cons	2 1000-100 200 200	Ci Too Too Too Too Too Too Too Too Too To	utler 5-2000' formity Park City 0-60 - 0 - 500' Upper Middle Lower ssippi Ls.	0 100: 200.000 NC	Cutler 600'-1200' Unconformity Rica - S60'-560' Upper Middle Lower Molas 0-75'			Sediments occur along th end of the Frant Range in Si colorado which probably cor to the Triassio, Permian and sylranian of Northeostern C but no attompt has been made or divide this group of sedin	- L For G	Lykins 380'-800' yons (Tens/eep) 50'-300' untain 500'-4000' Uncanformity Wieneyrie - 100'z Millsop 30'-50'
	Triassic Jurassic		(Fl Sur Shir	Maria 40 10 10 10 10 10 10 10 10 10 10 10 10 10	DEImo ng Gorge) 0'-800' Doce - 0-400' Plata D'-1000' lores '- 400' mp - 25 -75' Uncon	Shi	La Do to	o Elmo bo'-980' 1 Flata 0-600' blores 0'-600' ump - 0-28'	La Plata 0 - 100'		280-430 Sundanae ? La Plata 0-100'	
	Lower Creek		Dakota Group	0	Mowry 20° 50 akota - 100°2 akota - 100°2	Dakata Group 200'-300'	Dakota 200, 200 200, 200 200, 200 200, 200 200, 200 200 200 200 200 200 200 200 200 200		Datata 6 Group	Dakoto-100'-150' Purgatoire 75'-150' mity	Dakota Group	Thermopolis 0-28" Ist Dahote (Muddy) 2nd Dahota 3nd Dahota (Lehote)
Mesozcio	Upper Cretaceous		Manoos 4800- 6300:	Pierre 3200'-4100' Niobrara 300'-400' Frentier (Nio-Benten) 20'-100'		Mancos 1900' - 2200'	Benton. 600:-700'	Pierre 1250'-1880' Niobrara S' 50' Frentar No Bente Ferren - Tocife Greenhann - 35' 60	Benton Nichard	Pierre 2000'-3000' Apishepa + 400'-400 Timpas - 75'-200' Carlile ISO'-200' Greenharn - 35'-50		Hygiene 1700-2000 Liobrora - 300-400' Frontier-Nio-Benton 10'-60'
				L a 500 200	11amie 1'-1200's evis 1'-1000' 1averde 5'-5200'		Laramie 1380' - 1000' Lewis 1800' - 2000' Mesoverde 1080' - 1180'		Vermejo 350'-400' Trinidad - 100'-150'		Loromie 200'-1200' Fox Hills 500'-1400'	
Ce	76	Waeotch 2000'-3500' (Vermillion) U Including possible Ft. Union Poet-Laremie 0-800' ?		atch - 3500' - million) :luding e Ft. Union ?		W. To Inco	osotoh 150°+ 250° + nformity 	Hu 200 C	erfano - Cuchora o'.3000' est' 500' uchare - 450' 500' Paison Conyon 1800' 2000' Raton - 1800 £	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Unconformity on-coal Bearing Denrer Aropohoe (Arkose) Middle Park 2000'-2400' I Bearing Sediments in Elbert Ca. ?	
nozora	Breins Fark - 0-2500 (Bistop Congionerate (Bistop Congionerate Unconformity Bridger .5 O Unconformity Coren River 1100'-3000'		erk - 0-2500 Conglomerate nformity idger nformity River - 3000					Huerfano 2800' - 3000'	A. Wh. Riv. (Cc	Unconformity- rikaree - 200-800 te (Brule 200-800 Chadron 0-800 2stle Rock(Chadronj 0-250'		



	Wells co	omplete	l or aba	ndoned	Initial tion (	Produc- Bbls.)	Footage Drilled	
YEAR	Oil Wells	Gas Wells	Dry or Aban- doned	Total	Total	Av. per Well	Total	Av. per Well
1926 1927 1928	<b>3</b> 7 56 58	7 7 2	53 77 70	97 140 130	11,708 8,949	209 154.3	314,609 352,612 347,831	3,243 2,519 2,676

#### OIL WELL DRILLING OPERATIONS, BY YEARS

### COLORADO CRUDE OIL PRODUCTION BY POOLS AND MONTHS, 1928, IN BARRELS

MONTH	Fort Collins	Wellington	Moffat	Iles	Florence
January February March April May June July August September October November December Totals	$\begin{array}{r} 25,040\\ 21,470\\ 23,180\\ 22,470\\ 20,030\\ 17,920\\ 22,500\\ 17,950\\ 16,540\\ 18,680\\ 18,050\\ 18,000\\ \hline 241,830\\ \end{array}$	$\begin{array}{r} 75,570\\ 76,300\\ 84,620\\ 71,100\\ 71,140\\ 60,880\\ 61,390\\ 62,470\\ 58,890\\ 58,610\\ 54,240\\ 55,000\\ \hline 790,210\\ \end{array}$	36.680           32,610           47,610           43,560           38,600           33,880           35,420           39,090           33,280           39,410           35,220           27,170           442,530	$\begin{array}{r} 45,100\\ 52,040\\ 49,830\\ 27,090\\ 30,680\\ 55,980\\ 66,000\\ 60,140\\ 47,110\\ 58,830\\ 51,080\\ 32,160\\ \hline 596,040\\ \end{array}$	28,520 33,980 37,240 38,630 43,200 35,090 37,490 32,460 33,990 54,330 38,640 37,940 451,510
MONTH	Tow Creek	Rangely	Boulder	Walden	Totals by months
January. February. March. April. June. June. July. August. September. October. November. December.	. 14,810 . 12,480 . 13,280 . 13,280 . 18,290 . 18,210 . 21,990 . 16,900 . 15,380 . 15,800 . 14,820	2,020 1,880 2,020 1,950 2,020 1,950 2,020 2,010 1,950 2,010 1,950 2,010	780 720 870 750 750 750 750 750 750 750 750 750 7	110  1,350  360 1,280 810  370 590	228,630 231,480 258,650 220,160 224,740 224,660 347,940 233,100 208,060 248,030 248,030 216,130 208,480
Totals (Cont.).	189,960	23,800	9,310	4,870	2,750,060

#### CRUDE OIL PRODUCTION BY FIELDS AND YEARS IN BARRELS

FIELD	1925	1926	1927	1928
Fort Collins Wellington Moffat Hes	$353,463 \\72,591 \\589,440 \\6,037$	$\begin{array}{r} 466,931\\754,044\\1,167,184\\23,486\end{array}$	*1,161,332 (*) 663,810 248,200	241,830 790,210 442,530 596,040
Florence- Canon City Tow Creek Rangely Paruldor	$102.545 \\ 42,001 \\ 36,500 \\ 9.125$	95,902 139,720 36,500 9 125	293,844 263,462 36,500 9 125	451,510 189,960 23,800
Walden	1,211,702	2,692,892	<u>46,397</u> 2,722,670	<u>5,310</u> <u>4,870</u> <u>2,750,060</u>

(\*)Wellington and Fort Collins productions for 1927 are combined under "Fort Collins."

Note.-Rangely and Boulder output is estimated.

#### WELLS COMPLETED OR ABANDONED IN 1927

NOTE-Wells completed or abandoned in 1926 are listed in the 1927 edition of the Colorado Year Book.

Well Number and County	Location	Operator	Result	Depth
ARCHULETA:	17.01.01			
Haystack No. 1	17-34-2W	Ben Owens, et al	Water	1,300
Deines No. 1	33-1N-70	Benollo Oil Co.	Pumper	4 720
Eberhart No 1:	25-1N-65	Boulder Oil Co	Abandoned	5,200
Gillespie No. 1	28-2N-69	Producers & Refiners	Abandoned	4,410
Nelson No. 1	9-1N-79	Boulder Drilling Co	Abandoned	2,600
CUSTER:	10.91.00	Comtinental Oil Ca	Abandanad	1 000
Walters No. 1	10-21-69	Continental On Co	Abandoned	1,630
No. 1	8-8-65	Parker Oil Co	Abandoned	400
No. 1	15-9-68	Region Oil Co.	Abandoned	3,500
EL PASO:				
Niles No. 1	27-16-65	Phillips Petroleum Co	Abandoned	3,570
John Junior No. 1	19-17-67	Red Creek Oil & Gas	Abandoned	2,675
DeWeese No 1	3-19-70	W F McCormack of al	Producor	1.075
M. Steinmier No. 2	2-19-70	Continental Oil Co.	Producer	1,275
Merlino No. 1	3-19-70	W. F. McCormack, et al	Producer	1,530
Hassler No. 1	21-20-69	Dickason Oil Syn.	Producer	1,400
Shaw No. 1	2-19-70	Continental Oil Co.	Producer	1,750
Hassler No. 2	21-20-69	W. M. Conley	Producer	1,860
Travis No. 6	28-20-69	Travis-Raddatz Syn	Producer	2,070
No. 591	28-20-69	Continental Oil Co	Abandoned	1,800
No. 585	2-19-70	Continental Oil Co	Abandoned	2,410
Steinmier No. 4	35-18-70	Continental Oil Co	Abandoned	2,365
Francis Hall No. 2	35-18-70	Continental Oil Co	Producer	2,015
Ulrauk No. 1	34-18-70	Oklahoma Oil & Gas	Abandoned	1,810
Hassler No. 1	21-20-69	W. M. Conley	Producer	2,220
No. 578	35-18-70	Continental Oil Co	Producer	1,305
D. & K. G. No. 2	35-18-70	Continental Oil Co.	Abandoned	2,160
Claude Singer No. 1	2-19-70	Fremont Oil Co.	Abandoned	2,150
Burnhardt No. 1	35-18-70	Stock Brothers	Abandoned	1,900
Adamic No. 1	1-19-70	Fortune Oil Co	Abandoned	3,300
D K Wilson No. 2	26-18-70	W. F. McCormick	Abandoned	1,450
No. 580	35-18-70	Continental Oil Co.	Producer	1,820
No. 581	34-18-70	Continental Oil Co	Abandoned	2,000
No. 577	9-20-69	Continental Oil Co	Abandoned	3,530
Wilson No. 1	35-18-70	Stock Brothers	Abandoned	1,500
Patochnick No. 1	35-18-70	Donnelly Brothers	Abandoned	3,000
Boyd No. 1	35-18-70	Uncle Joe Oil Company	Abandoned	1,810
Llovd No. 1	35-18-70	Oleiferous Oil Co.	Producer	903
No. 583	35-18-70	Continental Oil Co	Abandoned	1.900
No. 584	35-18-70	Continental Oil Co	Producer	1,350
No. 590	35-18-70	Continental Oil Co.	Producer	1.202
Curtis No. 1	35-18-70	Travis-Raddatz Syn.	Abandoned	2,100
Hassler No. 3	21-20-69	Mojada Oil & Gas Co	Producer	1,635
No. 589	35-18-70	Continental Oil Co	Abandoned	1,800
Cooper No. 2	35-18-70	Tutt & Hamlin	Abandoned	1 300
Rogers No. 1	2-19-70	Continental Oil Co	Producer	1,555
No. 1	15-20-69	Sure Shot Oil Syn	Abandoned	2,550
Beitramo No. 1	1-19-70	Thompson, Thomas &	Producer	1.870
No. 595	35-18-70	Continental Oil Co.	Producer	1.300
No. 593	35-18-70	Continental Oil Co	Abandoned	1,940
Lombardy No. 1	2-19-70	Continental Oil Co	Abandoned	3,000
Wallace No. 4	15-20-69	Wallace Oil & Mining Co	Abandoned	2.575
State No. 1	16-20-69	E. R. Good	Producer	3,250
State No. 2	16-20-69	E. R. Good	Abandoned	2 700
Hiawatha No. 2	8-20-69	Freda Oil Co.	Abandoned	2,800
Hassler No. 1	21-20-69	Florence Syn.	Abandoned	2.900
Wallace No. 3	15-20-69	Wallace Oil & Mining Co	Abandoned	2,600
Hassler No. 3	21-20-69	Mojada Oil & Gas Co	Producer	1,670
No. 2	15-20-69	Sure Shot Oil Syn	Abandoned	2,245
Lovisone No. 1	2-19-70	Divide Oil Co.	Producer	1,250
Steinmier No. 3	20-20-69	Continental Oil Co	Producer	1,470
Eichman No. 1	35-18-70	W F McCormack	Avandoned	1.520
Robinson No. 1	35-18-70	W. F. McCormack	Abondoned	1.800

NOTE-Wells completed or abandoned in 1926 are listed in the 1927 edition of the Colorado Year Book

Well Number and County	Location	Operator	Result	Depth
FREMONT-Continued :	95 10 50	W. M. Conlar	Abandanad	
Wilson No. 1	35-18-70	Uncle Joe Oil Co	Abandoned	1,500
Urani No 1	2-19-70	Brown & Son	Abandoned	2,000
Travis No. 15	28-20-69	Travis-Raddatz Syn.	Producer	1,950
Continental No. 1	8-19-69	Bundy & Edwards	Abandoned	2,702
Newcastle No. 2	34-19-69	Mrs. Sweezy	Abandoned	1,500
GARFIELD: Garmesa No. 1	5-8S-102	Gypsy Oil Co	Abandoned	3,871
JACKSON: Morris No. 1 Bolloak No. 2	34-10-79	Continental Oil Co	Abandoned	1,000
LA PLATA:	2-9-79	Taylon Sup	Abandoned	650
Hutchison No. 1	32-33-12	Miley Oil Co.	Abandoned	300 3,65 <b>3</b>
Snyder No. 1	11-33-12	Onio Oil Co	Abandoned	3,842
Buckeye No. 6	31-10-68	Union Oil of Calif.	Producer	4,390
Fagin No. 1	17- 4-69	Five Square Oil & Gas Co	Gas	3,302
Foster No. 1	19-8-68	Union Oil of Calif.	Producer	4,600
Buckeye No. 5	31-10-68	Union Oil of Calif.	Producer	4,395
Dement No. 1	7-9-68	Union Oil of Calif.	Producer	4,540
Johnson No. 1	30-8-68	Union Oil of Calif	Producer	4,570
Stutchell No. 2	30-8-68	Union Oil of Calif	Producer	4,589
Blunck No. 2	30-8-68	Union Oil of Calif.	Producer	4,500
Scott No. 2	7-9-68	Union Oil of Calif	Producer	4,410
LAS ANIMAS:	0-9-08	Union On or Canter-	r rouucer	4,344
Maldanado No. 1	3-34-62	Great Dome Oil & Gas Co	Gas	1.733
Sandoval No. 3	3-34-62	Mountain States Gasoline	Gas	1,800
MOFFAT:	4-34-62	Mountain States Gasoline	Gas	1,835
Shaw SD-4	24-4-92	Midwest Refining Co	Producer	3.276
Parkinson No. 5	23-4-92	Texas Production Co	Producer	3,288
Ruykendall No. 1	22-12-100	Ohio Oil Co.	Gas	2,008
Camp No 1	23-4-92	Midwest Refining Co	Abandoned	3,362
Pohlman No. 1	15-4-92	Texas Production Co	Abandoned	3,918
Taylor No. 1	34-4-92	Marland Oil Co.	Abandoned	3 715
Parkinson SD-21	22-4-92	Midwest Refining Co	Producer	3,242
Knowlton No. 9	33-5-91	Texas Production Co	Abandoned	4,027
Henderson No. 1	16-3N-91	Marland Oil Co.	Gas	2,505
Wick No 3	33-5-91	Texas Production Co	Abandoned	3,988
Walter Wick No. 5	10-4-91	Texas Production Co.	Producer	4,239
MONTEZUMA:	10-4-02			4,200
Ute No. 1	Ute Res.	Big Basin Oil Co	Abandoned	750
Ute No. 2	Ute Res.	Big Basin Oil Co	Abandoned	750
Utg No. 3	Ute Res.	Big Basin Oil Co	Abandoned	750
Ute No. 4	Ute Res.	Big Basin Oil Co	Producer	750
Ute No 6	Ute Res.	Big Basin Oil Co.	Abandoned	750
MONTROSE:	ote nes.		.ioundoncu-ss-	790
Wilcox No. 2	6-47-19	General Petroleum Corp	Abandoned	6,300
Wilcox No. 1	35-48-19	General Petroleum Corp	Abandoned	3,548
Mullen No. 1	4-46-17	General Petroleum Corp	Abandoned	4,170
PUEBLO: Vollary Parka No. 1	05 04 01	Kanashull at al	Abandanad	1 0 0 0
Baxter No. 2	20-24-61	Puckett et al	Abandoned	1,060
PIO PLANCO	30-20-63	1 uckett, et al	Abandoned	3,362
Emerald No. 2	31-2-102	Texas Production Co.	Gas	3 926
Hunter-Green No. 2	6-1N-102	Joe Miller Drilling Co	Producer	800
ROUTT:				
Henry Dennis No. 4	17- 6-86	Texas Production Co	Producer	2,700
Adair No. 4	7-6-86	Texas Production Co.	Abandoned	3,523
Honry Donnis No. 2	8-6-86	Texas Production Co	Abandoned	3,940
Irwin-Carstarphen No. 1	5-6-86	Texas Production Co.	Producer	2,700
Thompson No. 1	5-6-86	Texas Production Co.	Abandoned	3,408
Quaintance-Hocking No. 1	18-6-86	Texas Production Co	Producer	2,632
McNeill No. 1	5-6-86	Texas Production Co	Abandoned	3,000
Henry Dennis No. 3	18-6-86	Texas Production Co	Producer	2.685
Quaintance No. 4	8-6-86	Texas Production Co.	Producer	2,640
Adair No. 2	7-6-86	Texas Production Co.	Producer	2,635
Belle Dennis No. 3	8-6-86	Texas Production Co	Abandoned	3,693
YUMA:				,,
Toner & Hildreth No. 1	11-1N-44	Yuma Valley Oil Co	Abandoned	3,275

Well Number and County	Location	Operator	Result	Depth
ADAMC.				
ADAMS: Watkins No. 4	28-3S-64	Eman Oil Corp	Abandoned	1.090
Orrison No. 1	1-2S-68	Municipal Oil, Inc.	Abandoned	275
ARAPAHOE:				
Jolly-U. P. No. 1	11-4S-58	H. H. Temple, et al	Abandoned	1,200
BACA:	0 200 E0	Marland Oil Co	Abandanad	0.005
Mesa No. 1	8-308-90	Marianu Oli Co	Abandoned	2,085
Spurgeon No. 1	30-2N-70	Boulder Petroleum, Inc.	Abandoned	2,154
Prechtl No. 1	34-3N-70	Left Hand Oil Co	Abandoned	2,056
Odlum No. 1	28-1N-70	Benello Oil Company	Abandoned	3,464
Martin No. 1	5-1S-70	Essok Oil Co	Abandoned	5,225
CUSTER:				
Slevin No. 3	5-21-69	Slevin Oil Co	Abandoned	780
FREMONT:				
Barnhart No. 1	35-18-70	Florence Proven Fields Oil	Producer	1,780
Miner 200 200000000000000000000000000000000	00-10-10	Co	Producer	1,845
Kissinger & Wright No. 1	4-19-70	Continental Oil Co.	Abandoned	3,460
Rodney No. 17	21-19-67	Baddatz-Vogel & Travis	Producer	2,140
Hassell No. 4	28-20-69	Mojada Oil & Gas Co	Producer	1,950
Hassler No. 2	21-20-69	Dickason Oil Syn	Producer	1,560
Bosler No. 5	21-20-69	W. M. Conley	Producer	2,100
D. F. Hall No. 4	35-18-70	Continental Oil Co	Producer	1,955
Dunn No. 2	35-18-70	Continental Oil Co.	Abandoned	2,970
M. E. Hall No. 3	35-18-70	Paddata Vogal & Travia	Abandoned	2,648
Wilson No 2	28-20-69	Texas Production Co.	Abandoned	2,075
D & R G. No. 1	35-18-70	Canon City Oil Co.	Abandoned	2,250
Adamic No. 1	12-19-70	Continental Oil Co	Abandoned	2,730
D. F. Hall No. 3	35-18-70	Continental Oil Co	Abandoned	2,445
Vezzetti No. 1	11-19-70	Continental Oil Co	Producer	2,290
Travis No. 19	33-20-69	Raddatz, Vogel & Travis	Producer	1,980
Williams No. 2	34-18-70	Lake Valley Uil Co	Abandoned	2 010
Watts No. 1	28-20-69	Continental Oil Co.	Producer	1,950
Edwards No. 1	30-18-70	Florence Syn.	Producer	1,420
Ward No. 1	34-18-70	Continental Oil Co	Abandoned	2,890
No. 1	7-19-66	J. B. Silengo	Abandoned	3,505
Curtis No. 1	36-18-70	Donnelly Brothers	Abandoned	1,830
Kibler No. 1	35-18-70	Donnelly Brothers	Abandoned	2,010
Lucas No. 1	3-19-70	G Co	Producer	1.755
Ott No. 1	3-19-70	Texas Production Co	Producer	1,950
Dalfior No. 1	3-19-70	Continental Oil Co	Producer	2,265
Bromwell No. 1	3-19-70	Continental Oil Co	Producer	2,905
Alger No. 1	3-19-70	Donnelly Brothers	Abandoned	2,510
Costagna No. 1	3-19-70	Dickason & Balis	Producer	2 060
M Steinmier No. 2	3-19-70	Continental Oil Co	Producer	2.005
Dunlop No. 1	3-19-70	Texas Production Co	Abandoned	2 802
Dunlop No. 1	3-19-70	Continental Oil Co	Producer	2,390
York No. 1	3-19-70	W. F. McCormack	Abandoned	4.565
M. Steinmier No. 3	2-19-70	Continental Oil Co	Abandoned	2,570
Jacobi No. 1	2-19-70	Continental Oil Co	Abandoned	2 820
Fullbright No. 1	2-19-70	Texas Production Co	Abandoned	2,665
Brown No. 1	3-19-70	Continental Oil Co.	Abandoned	3.045
Beltramo No. 1	2-19-70	Hammond & Sheffer	Abandoned	2 535
Yankovitch No. 1	3-19-70	Texas Production Co	Producer	1,640
Ratkovitch No. 1	3-19-70	Texas Production Co	Abandoned	2.530
Smith No. 1	3-19-70	W. F. McCormack	Abandoned	2 800
Lucas No. 1	3-19-70	Continental Oil Co.	Producer	1,941
Robbins No. 1	3-19-70	Continental Oil Co	Producer	2.230
Lucas No. 2	3-19-70	Continental Oil Co	A bandoned	2,670
Richwalt No. 1	1-19-70	Bunker & Beltramo	Producer	2 040
Merlino No. 1	3-19-70	W. F. McCormack	Producer	1,536
Beltramo No 1	2-19-70	Table Mosa Oil Co.	Producer	1.325
Kociah No. 1	2-19-70	Texas Production Co.	Producer	1.960
Orndoff No. 1	3-19-70	Kerr-Well Oil Co.	Producer	1,140
Colarelli No. 1	8-19-70	Sheffer & Benzona	Producer	1.650
Costantino No. 1	3-19-70	G. & L. Oil Co	Producer	1,560
Beltramo No. 1	2-19-70	St. Marys Oil Co	Abandoned	3 595
RODDINS INO. Z	3-19-70	Continental Oli Co	rananconco	0,000

## WELLS COMPLETED OR ABANDONED IN 1928

## WELLS COMPLETED OR ABANDONED IN 1928-Continued

Well Number and County	Location	Operator	Result	Depth
FREMONT-Continued				
Steirs No. 1	3-19-70	Texas Production Co	Abandoned	1,520
McIntyre No. 1	2-19-70	Continental Oll Co.	Abandonod	2,249
Richwalt No. 2	2-19-70	St Mary's Oil Co	Producer	1,510
Hunden No 1	2-19-70	Continental Oil Co	Abandoned	3,135
B Steinmier No. 5	35-18-70	Continental Oil Co.	Producer	1.810
Margo No. 4	22-20-69	Continental Oil Co.	Producer	1,800
Mroz No. 1	4-19-70	Paul C. Bates & Co	Abandoned	2,500
Robinson No. 1	3-19-70	Wade Petroleum, Inc	Abandoned	2,011
O. & B. No. 1	7-19-69	Donnelly Brothers	Producer	2,025
Poor Farm No. 2	35-18-70	Continental Oil Co	Abandoned	2,125
A. Griffith No. 1	5-20-69	Caraway & Fock	Abandoned	3,320
HUERFANO: Pinos No. 1	24-26-68	Kinney-Coastal Oil Co	Abandoned	2,172
JEFFERSON :				
Knowles No. 1	30-3S-69	C. F. Woods, et al	Abandoned	3,003
LA PLATA:	10.94.11	Tes E Calling Com	Abandonad	2 012
Aspaas No. 1	10-34-11	Jas. F. Coming Corp	Abandonea	3,012
LARIMER:				
A. Abrams No. 1	1-4N-69	Raddatz, Vogel & Travis	Abandoned	1,975
G. P. P. No. 1	7-9-68	Union Oil Co. of Calif	Producer	4,453
Abrams No. 1	1-4-69	Raddatz, Vogel & Travis	Abandoned	1,400
Buckeye No. 6	31-10-68	Union Oil Co. of Calif	Producer	4,418
Foster No. 2	30-10-68	Union Oil Co. of Calif	Producer	4,530
Buckeye No. 7	31-10-68	Union Oil Co. of Calif	Producer	4,525
State No. 1	16-4-69	Five Square Oil & Gas Co	Abandoned	2,640
K. W. & B. No. 1	19-8-68	Tinion Oil Co. of Calif	Producer	4,685
C. L. K. No. 1	19-8-68	Union Oil Co. of Calif	Producer	4,610
Scott No. 1	6-9-68	Union Oil Co. of Calif.	Abandoned	5,112
Scott No. 3	6-9-08	Union Oil Co. of Calif	Producer	4,345
Besaw No. 1	0-0-09	West Side Oil Co	Abandoned	4,480
LAS ANIMAS:				
Sandoval No. 4	9-34-62	Mt. States Gasoline Corp	Gas	1.825
Adams No. 1	32-34-56	Perker Club, Inc	Abandoned	3,873
Haskins No. 1	23-29-56	Phillips Petroleum Co	Abandoned	2,575
LOCAN				
State No. 1		Montheaster Colo Oil Co	Abandonad	5 619
Dtate 110. 1	30-0-00	Northeaster Colo. On Co	Abandoneu	0,012
MOFFAT:				
8 SD-2	23-4-92	Midwest Refining Co	Producer	3,337
Kuykendall No. 1	22-12-100	Ohio Oil Co	Gas	2,008
State No. 17	15-4-92	Texas Production Co	Abandoned	3,904
Parkinson No. 6	23-4-92	Texas Production Co	Abandoned	3,905
33-SD	22-4-92	Midwest Refining Co	Producer	3,290
V-IVI	23-4-92	Midwest Refining Co	Producer	3,290
1 arg No. 205	26-4-92	Shafter Oil & Refining Co	Abandoned	4,166
8 SD	23-4-92	Midwest Relining Co	Abandoned	1,770
Parkinson No. 13	22-4-92	Texas Production Co	Producer	3,567
rarkinson No. 17	23-4-92	Texas Production Co	Producer	3,520
Knowlton No 10	22-4-92	Tawas Broduction Co.	Producer	3,290
Milliken No 1	14-4 00	Alliance Oil & Defining Co	Abandoned	4,486
sammen no. Inconstruction	14-4-92	Amance on & Renning Co	noandoneu	3,115
MONTEZUMA:				
nall No. 1	9-35-13	Coon-Cotton Syn	Abandoned	1,464
MONTROSE:				
Gilmore No. 1	4-45-16	Indian Petroleum Co	Abandoned	5.185
OTTEDO				-,
DIL Rench No. 1		There are the second	Al lowed	-
Den Kanen No. 1	29-26-57	Timpas Dome Syn	Abandoned	619
RIO BLANCO:				
Rangely No. 2	30-2N-102	Midwest Refining Co	Abandoned	3,473
Gray No. 1	24-2N-103	Tidewater Assoc. Oil Co	Abandoned	4,800
Freeman No. 1	27-3N-94	Texas Production Co	Abandoned	5,913
U. S. Cons. No. 1	10-2N-88	Union Oil Co. of Calif	Abandoned	1,017
ROUTT:				
Irwin-Carstamben No 2	5 6 96	Taxas Production Co	Producer	9 495
Rule No. 1	5 6 96	Toxas Production Co.	Abandoned	0,400
H Dennis No 4	17 6 96	Toyas Production Co.	Broducer	4,289
State Luberg No. 1	10 0 00	Toxos Production Co.	Troducer	3,132
Quaintance No. 5	10-0-80	Torras Production Co.	Froducer	2,135
Honry Donnie No. 9	10-0-86	Texas Production Co	Producer	3,058
Honry Dennis No. 5	17 6 90	Towas Production Co.	Froducer	3,100
Henry Dennis 100. 0	11-0-06	Texas Production Co	roducer	3,105
SAGUACHE:				
State No. 1	22-41-10	Trader Oil Co	Abandoned	4,310

## FUEL OIL DISTRIBUTION

A survey of gas-oil and fuel-oil distribution in the United States during 1927 was made by the United States bureau of mines, co-operatively with the American Petroleum Institute, in response to numerous requests for information relating to the consumption of gas oil and fuel oil. The study was made for the purpose of providing certain fundamental statistical data regarding the oil industry. The quantity distributed in Colorado in 1926 was 420,470 barrels of 42 gallons each, and in 1927 was 884,008 barrels. The increase in 1927 over 1926 was 100.7 per cent. The distribution in barrels by uses was as follows:

	1926	1927
Dailmaada	701 1	10.000
Ranroaus	11,107	19,883
Gas and electric power		
plants	94,241	83,270
Smelters and mines	9,419	62,928
Steel mills and	-,	,
foundries1	46.559	443,425
Automotive industries	476	
Chamical and allied in	110	• • • • •
Chemical and alled in-		
dustries		165
Sugar refineries	6.190	
Cement and lime plants.	152	216
Ceramic industries	49.429	50.093
Othor manufacturing	7 0 9 3	2 5 3 9
Other manufacturing	1,000	2,000
Commercial heating		39,844
Domestic heating	2,157	2,500
Used by food industries.		30.871
Used as fuel by oil com-		00,011
Used as fuel by off com-	0.0 960	80.959
pames	00,005	00,202
Miscellaneous uses	12,778	63,019
Totals	20.470	884.008

#### OIL SHALE

One of the greatest undeveloped natural resources in Colorado is the immense acreage of oil shale land, located upon the western slope of the main range of the Rocky mountains, mostly in Mesa, Garfield and Rio Blanco counties. The shales do not contain crude oil similar to that which comes from petroleum wells, but the material from which crude oil is made and which in the course of time would become petroleum if nature were permitted to complete its processes. Engineers and scientists have devised methods by which nature's work can be hastened and the shales made to yield the oil in a short time by the application of heat and pressure. The shale beds lie mostly in horizontal strata ranging in thickness from a few feet to 50 feet or more, some strata being exposed at the surface and others lying at varying depths beneath the surface.

The area of land in Colorado classified by the United States geological survey as oil shale land is 952,239 acres. In 1928 the federal oil conservation board made a report to the president on general petroleum problems in the United States which contained a statement on oil possibilities of the shales by Dean E. Winchester. This statement estimates the oil in the Colorado shales at 79,625,998,000 barrels, of which 47,625,598,000 barrels is recoverable. In arriving at these figures Mr. Winchester adopted the following limiting factors:

No oil shale less than one foot in thickness is considered minable.

No shale which will yield less than 15 gallons of oil to the ton is considered minable.

No oil shale which will yield less than 3,000 barrels of shale oil per acre of shale land is considered minable.

It was also assumed that not more than 60 per cent of the shale in the ground will reach the retorts and be treated, although in the best operations, using the most economical wholesale mining methods, this percentage doubtless will be very greatly increased and it is not at all impossible that 95 per cent of the shale included in the estimates will be treated. At the present rate of production of crude oil, 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 Pumpherston 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 cooperation 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 byproducts 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 develop into a new industry comparable in scope with the country's coal mining operations in the employment of labor and machinery.

# **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.

Data on taxes collected by civil divisions for years subsequent to 1922 and up to and including 1928 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 ASSESS-MENTS, INTERNAL REVENUE AND CUSTOMS DUTIES, 1922

Source	Total	Per Cent of Total	Per Capi <b>ta</b>
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	11,091,000	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 Assess- ments
State	\$ 9,515,000	\$ 6,575,000	\$817,000		\$1,563,000	\$ 560,000
Counties	12,305,000	11,794,000			511,000	
Incorporated places School, irrigation and	11,091,000	8,217,000		\$8,000	567,000	2,299,000
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.

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PER	CAPITA	TAXES,	LICENSES	AND	PERMIT	'S, A	ND SPH	ECIAL	ASSESSMEN	TS	OF
ST	ATE, COI	UNTIES,	INCORPORA	TED F	LACES,	AND	LOCAL	CIVIL	DIVISIONS.	192 <mark>2</mark>	

State and All Other Civil Divisions	Total	General Property Taxes	Special Taxes	Poll Taxes	Licenses and Permits	Special Assess- ments
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)

		Per	General Pr Taxe	operty s	Poll To	Taxes tal	License Perm	es and nits	Speci Assessm	ial ients
Incorporated City or Town	Total	Cap- ita	Total	Per Cap- ita	Total	Per Cap- ita	Total	Per Cap- ita	Total	Per Cap- ita
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	101,000	0.00
Fort Collins	517 000	58 13	103 000	11 58			17 000	1 91	397 000	44 63
ront commission	011,000	00.10	100,000	11.00			11,000	1.01	001,000	11.00
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	.88		
Brighton	58,000	21.41	56,000	20.63			2,000	.78		
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	38.000	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
					1	1				

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

(Bureau of the Census)

COUNTY	Total	Per	General Pr Taxe	ope <b>rty</b> s	Licenses Permit	and s
COUNTY	Total	Capita	Total	Per Capita	Total	Per Capita
Adams Alamosa Arapahoe Archuleta	$     \begin{array}{r}         374,000 \\         86,000 \\         231,000 \\         60,000     \end{array} $	23.58 16.21 15.75 16.29	\$ 353,000 83,000 211,000 59,000	\$22.25 15.65 14.36 16.12	\$ 21,000 3,000 20,000 1,000	\$ 1.32 .56 1.39 .17
Baca Bent Boulder	$124,000 \\ 174,000 \\ 399,000$	$12.05 \\ 16.00 \\ 12.37$	$\begin{array}{c} 121,000 \\ 170,000 \\ 380,000 \end{array}$	$11.71 \\ 15.60 \\ 11.78$	$3,000 \\ 4,000 \\ 19,000$	.34 .40 .59
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley Custer	$120,000 \\ 109,000 \\ 57,000 \\ 85,000 \\ 59,000 \\ 104,000 \\ 41,000$	15.3528.9619.839.9011.4515.1418.40	$117,000 \\ 106,000 \\ 57,000 \\ 83,000 \\ 58,000 \\ 101,000 \\ 40,000$	$15.01 \\ 28.10 \\ 19.78 \\ 9.69 \\ 11.24 \\ 14.76 \\ 18.11$	3,000 3,000 2,000 1,000 3,000 1,000	.34 .86 .05 .22 .21 .39 .29
Delta Denver*	262,000	19.16	256,000	18.71	6,000	.44
Dolores Douglas	35,000 94,000	$\begin{array}{r} 25.20\\ 26.25\end{array}$	35,000 92,000	$\begin{array}{r} 25.10\\ 25.59\end{array}$	2,000	.10
Eagle Elbert El Paso	$145,000 \\ 468,000 \\ 199,000$	$41.53 \\ 10.60 \\ 26.89$	$144,000\\439,000\\195,000$	$41.29 \\ 9.94 \\ 26.42$	1,000 29,000 4,000	.24 .66 .47
Fremont	306,000	17.10	297,000	16.62	9,000	.48
Garfield Gilpin Grand Gunnison	$297,000 \\ 38,000 \\ 64,000 \\ 154,000$	$31.95 \\ 28.35 \\ 22.17 \\ 27.60$	$294,000\ 38,000\ 63,000\ 153,000$	$31.58 \\ 28.18 \\ 21.93 \\ 27.35$	3,000 1,000 1,000	.37 .17 .24 .25
Hinsdale Huerfano	$18,000 \\ 260,000$	$\substack{32.80\\14.59}$	$18,000 \\ 260,000$	$\substack{32.57\\14.57}$		.23
Jackson Jefferson	$34,000 \\ 144,000$	$\substack{23.94\\9.99}$	30,000 132,000	$21.47 \\ 9.15$	4,000 12,000	2.47
Kiowa Kit Carson	99,000 237,000	$\begin{array}{c} 24.98 \\ 25.50 \end{array}$	94,000 230,000	$\begin{array}{c} 23.81\\ 24.77\end{array}$	5,000 7,000	1.17
Lake La Plata Larimer Las Animas Lincoln Logan	$\begin{array}{c} 200,000\\ 121,000\\ 540,000\\ 521,000\\ 188,000\\ 364,000\end{array}$	$17.65 \\ 18.24 \\ 18.92 \\ 12.92 \\ 21.17 \\ 17.56$	$197,000 \\ 115,000 \\ 491,000 \\ 621,000 \\ 184,000 \\ 343,000$	$17.37 \\ 17.33 \\ 17.19 \\ 12.92 \\ 20.70 \\ 16.56$	3,000 6,000 49,000 4,000 21,000	$\begin{array}{c} .28\\ .91\\ 1.73\\\\ .47\\ 1.00\end{array}$
Mesa Mineral Moffat Montezuma Montrose Morgan	372,000 29,000 88,000 109,000 255,000 213,000	$16.69 \\ 37.97 \\ 15.36 \\ 16.57 \\ 20.82 \\ 11.95$	$\begin{array}{r} 363,000\\ 29,000\\ 87,000\\ 107,000\\ 250,000\\ 194,000\end{array}$	$16.27 \\ 37.71 \\ 15.10 \\ 16.31 \\ 20.42 \\ 10.91$	9,000 1,000 2,000 5,000 19,000	$\begin{array}{c} .42\\ .25\\ .26\\ .26\\ .40\\ 1.04\end{array}$
Otero Ouray	331,000 86,000	$\begin{array}{c}13.55\\32.98\end{array}$	305,000 85,000	$\begin{array}{r}12.50\\32.74\end{array}$	26,000 1,000	1.05
Park Phillips Pitkin Prowers Pueblo	$\begin{array}{r} 72,000\\ 113,000\\ 90,000\\ 213,000\\ 835,000\end{array}$	$36.10 \\ 18.51 \\ 33.01 \\ 14.23 \\ 14.14$	$71,000\\103,000\\89,000\\199,000\\787,000$	$35.66 \\ 16.86 \\ 32.71 \\ 13.28 \\ 13.33$	$1,000 \\ 10,000 \\ 1,000 \\ 14,000 \\ 48,000$	$     \begin{array}{r}       .43 \\       1.65 \\       .30 \\       .95 \\       .81 \\     \end{array} $
Rio Blanco Rio Grande Routt	$76,000 \\ 114,000 \\ 162,000$	$22.62 \\ 13.88 \\ 16.22$	$75,000 \\ 109,000 \\ 160,000$	$22.37 \\ 13.26 \\ 16.01$	$1,000 \\ 5,000 \\ 2,000$	.25 .62 .21
Saguache San Juan San Miguel Sedgwick Summit	$109,000 \\ 55,000 \\ 126,000 \\ 137,000 \\ 83,000$	$\begin{array}{r} 22.83\\ 32.47\\ 23.27\\ 30.46\\ 48.11\end{array}$	$107,000 \\ 55,000 \\ 125,000 \\ 130,000 \\ 81,000$	$\begin{array}{r} 22.38\\ 32.39\\ 23.10\\ 28.99\\ 46.82 \end{array}$	2,000 1,000 7,000 2,000	$\begin{array}{c} .45\\ .08\\ .17\\ 1.48\\ 1.29\end{array}$
Teller	107,000	16.03	105,000	15.74	2,000	.29
Washington Weld	255,000 1,168,000	$\begin{array}{c} 20.30\\ 20.18 \end{array}$	240,000 1,100,000	$19.08 \\ 19.00$	15,000     68,000	1.22
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.

# COMPARATIVE ASSESSED VALUATION AS REPORTED BY TAX COMMISSION, 1923, 1924, 1925, 1926, 1927 AND 1928

COUNTY	1923	1924	1925	1926	1927	1928
Adams Alamosa Arapahoe Archuleta	\$ 32,493,982 9,234,277 20,847,165 4,701,440	\$ 31,770,460 9,260,459 21,301,925 4,603,580	\$ 31,771,520 9,346,936 21,175,010 4,550,250	\$ 31,220,110 9,420,480 21,324,645 4,607,680	\$ 31,445,460 9,667,542 21,743,670 4,721,112	
Baca Bent Boulder	10,465,012 13,945,710 46,767,829	9,710,749 13,512,295 46,753,280	$\begin{array}{c} 10,004,707\\ 13,588,251\\ 47,273,532 \end{array}$	10,048, <b>120</b> 13,446,170 46,743,270	12,572,086 13,711,680 46,482,020	$\begin{array}{r} 12,883,\!680 \\ 13,\!630,\!010 \\ 46,\!327,\!665 \end{array}$
Chaffee Cheyenne Clear Creek Compos Costilla Crowley Custer	$\begin{array}{c} 10,566,990\\ 19,873,728\\ 5,538,725\\ 8,717,515\\ 5,666,640\\ 9,547,648\\ 3,111,965\end{array}$	$10,590,445\\18,303,302\\5,488,825\\8,433,945\\5,401,112\\9,808,585\\3,096,800$	$\begin{array}{c} 10,489,660\\ 16,937,730\\ 5,424,380\\ 8,482,960\\ 5,244,260\\ 9,798,990\\ 3,114,268\end{array}$	$\begin{array}{c} 10,557,105\\ 16,787,082\\ 5,386.290\\ 8,460,435\\ 5,291.360\\ 9,699,115\\ 3,081,130\end{array}$	9,314,490 15,719,237 5,434,395 8,652,655 5,265,270 9,925,484 3,093,145	$\begin{array}{r} 9,488,820\\ 15,569,747\\ 5,411,005\\ 9.026,850\\ 5,336,840\\ 10,001,565\\ 3,203,625\end{array}$
Delta Denver Dolores Douglas	$\begin{array}{r} 17,009,102\\ 388,170,010\\ 1,745,228\\ 11,564,430\end{array}$	16,445,405 405,106,910 1,560,443 11,217,455	$\begin{array}{r} 15,555,771\\ 416,604,690\\ 1,630,444\\ 10,738,479\end{array}$	15,483,675 429,228,810 1,772,087 10,707,085	$\begin{array}{r} 14,940,790\\ 433,098,720\\ 1,752,495\\ 10,986,885\end{array}$	15,155,415 447,803,880 1,888,425 11,376,565
Eagle Elbert El Paso	6,551,254 18,798,004 70,056,730	6,385,168 18,259,814 70,661,250	6,522,163 17,998,235 70,999,530	6,647,280 17,413,054 70,612,080	6,840,019 17,327,681 72,036,880	6.921,631 17,384,469 73 306,745
Fremont	21,578,161	21,470,829	21,496,797	21,423,131	21,769,814	23,589,277
Garfield Gilpin Grand Gunnison	$\begin{array}{r} 17,472,170\\ 2,820,720\\ 4,675,450\\ 16,005,045 \end{array}$	$16,770,960 \\ 2,831,029 \\ 4,539,060 \\ 15,855,290$	16,760,930 2,636,555 4,683,230 15,633,235	16,642,635 2,700.608 4,865,050 15,471,530	$\begin{array}{r} 16,980,175\\ 2,793,099\\ 5,532,415\\ 15,888,625\end{array}$	17,436,520 2,798,456 5,580,350 15,830,005
Hinsdale Huerfano	932,479 15,905,870	926,077 16,141,453	940,990 15,960,350	987,970 16,029,997	928,510 17,371,560	954,760 17,163,169
Jackson Jefferson	4,238,020 24,158,345	3,846,730 24,692,740	3,677,870 25,711,450	3,716,830 25,782,050	3,797,490 26,252,315	3,558,540 26,817,590
Kiowa Kit Carson	14,401,847 28,394,501	14,161,089 26,110,941	14,353,803 26,076,536	13,668,949 25,972,002	13,380,075 26,276,440	13,480,566 23,983,077
Lake La Plata Larimer Las Animas Lincoln Logan	$\begin{array}{c} 8,087,200\\ 15,076,393\\ 52.039,029\\ 43,448,220\\ 23,578,278\\ 40,242,370\end{array}$	7,744,325 15,084,263 53,362,355 42,939,525 23,143,320 38,102,560	7,706,810 15,264,755 55,278,060 42,308,393 22,623,650 36,891,095	$\begin{array}{c} 7,679,650\\ 15,233,870\\ 54,592,990\\ 41,891,770\\ 21,743,485\\ 36,262,520\end{array}$	$\begin{array}{r} 7,878,803\\ 15,303,920\\ 55,600,690\\ 42,071,688\\ 20,951,555\\ 36,542,595\end{array}$	8,052,930 15,507,430 55,590,465 40,824,097 20,503,125 36,645,210
Mesa Mineral Moffat Montezuma Montrose Morgan	$\begin{array}{c} 29,623,271\\ 1.367,135\\ 6,181,385\\ 6,310,885\\ 14.360,760\\ 28,918,038\end{array}$	$\begin{array}{r} 29,447,230\\ 1,474,705\\ 6,128,905\\ 6,120,240\\ 12,976,810\\ 28,626,940\end{array}$	$\begin{array}{r} 29,712,195\\ 1,486.650\\ 6,572,136\\ 6,296,535\\ 12,464,845\\ 28,299,506\end{array}$	$\begin{array}{r} 29,537,015\\ 1,680,200\\ 6,768,020\\ 6,347,225\\ 12,367,090\\ 28,347,030\end{array}$	29,245,600 1,548,095 7,551,813 6,215,870 12,769,085 28,188,420	$\begin{array}{r} 29,557,440\\ 1,540,735\\ 7,305,434\\ 6,542,315\\ 12,030,880\\ 28,896,120\end{array}$
Otero Ouray	$33,702,793 \\ 4,535,849$	$33,694,130 \\ 4,128,887$	$34,495.560 \\ 4,020,672$	33,530,950 4,004,636	$33,387,852 \\ 4,012,050$	$31,826,660 \\ 4,034,268$
Park Phillips Pitkin Prowers Pueblo	8.834,705 17,286,495 4,624,100 23.156,260 72,717,353	8,481,555 15,910,370 4,560.290 22,862.215 73,445,919	8,510,030 14,914,375 4,448,460 21,770,175 74,263,765	8,567,670 14,691,800 4,312,485 21,545,085 75,662,590	8,959,310 15,535,370 4,197,694 21,529,730 77,713,978	8,923,880 15,265,225 4,066,476 21,173,010 79,996,935
Rio Blanco Rio Grande Routt	5,147,870 11,489,000 14,917,450	4,914,165 10,701,820 14,446,455	5,291,040 10,483.371 14,605,133	5,537,245 10,642,845 14,648,550	6,362,070 10,889,122 15,872,130	6,124,945 10,983,818 15,240,510
Saguache San Juan San Miguel Sedgwick Summit	$\begin{array}{c} 11,332.725\\ 3,259,985\\ 7,704,430\\ 11.154,155\\ 5,240,071 \end{array}$	$\begin{array}{c} 11,278,995\\ 3,297,850\\ 7,129,420\\ 10,372.865\\ 4,522,946\end{array}$	11,151,184 3,613,684 6,742,990 9,985,115 4,501,909	11,023,232 4,105,600 6,887,320 10,633,035 4,402,387	11,024,653 3,900,758 6,106,550 12,738,970 4,610,946	$\begin{array}{c} 11,447,000\\ 3,375,653\\ 6,015,900\\ 13,224,080\\ 4,544,918 \end{array}$
Teller	6,936,490	6,860,590	7,004,030	6,317,680	5,988,750	5,336,070
Washington Weld	27,231,295 113,713,440	25,859,305 110,485,890	23,503.472 106,102,390	23,257,826 104,201,710	21,221,275 106,552,640	19,116,665 104,345,960
Yuma	25,421,180	24,973,470	25,236,990	25,208,780	25,108,450	24,864,750
State	\$1,543,589,602	\$1,538,096,720	\$1,540,732,487	\$1,546,830,046	\$1,565,290,666	\$1,577,560,380

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	Total Valuation	\$ 31,726,560 10,000,259 22,368,965 4,652,445	$\begin{array}{c} 12,883,680\\ 13,630,010\\ 46,327,665\end{array}$	9,488,820 15,569,747 5,411,005 9,020,850 5,336,840 10,001,565 3,203,625	15,155,415 447,803,880 1,888,425 11,376,565	$\begin{array}{c} 6,921,631\\ 17,384,469\\ 73,306,745\end{array}$	23,589,277	17,436,520 2,798,456 5,580,350 15,830,005	954,760 17,163,169	3,558,540 26,817,590
	Total Valu- ation by Tax Commission	\$ 4,641,890 1,732,040 3,454,975 1,900,110	$\begin{array}{c} 1,915,090\\ 3,298,740\\ 7,577,895\end{array}$	2,744,600 2,857,240 1,343,990 1,676,610 1,676,610 1,61,680 1,311,970 1,311,970	2,273,570 34,805,970 152,030 3,906,360	2,430,790 3,406,710 9,001,375	4,945,470	$\begin{array}{c} 4,668,425\\ 820,560\\ 1,012,350\\ 5,802,300\end{array}$	297,290 4,889,280	$\begin{array}{c} 218,900\\ 4,196,310\end{array}$
	Local Utility Companies	\$ 152,710 144,200 628,260 18,930	$\frac{52,800}{3,546,560}$	341,610 326,310 39,290 141,590 13,190	$\begin{array}{c} 57,560\\ 24,909,120\\ 38,020\\ 310,950\end{array}$	$133,030\\23,100\\1,221,970$	1,469,380	$1,512,900 \\ 94,530 \\ 11,720 \\ 4,730$	18,110 680,440	915,120
	Self- Winding Clocks	\$ 240 270 345 	525	210	180 14,610 	2,445	390	135  240		
nission	Private Car Lines	\$ 27,690 6,150 15,980 370	- 13,630 24,840 27,510	13,620 19,660 13,660 11,870 8,360 3,020	23,360 12,220 870 26,710	23,250 23,560 50,280	31,850	17,1605,86017,5301,850	35,770	1,370 8,930
oy Tax Comn	Pullman Company	\$ 39,780 5,060 29,610	14,810 19,820	18,960 25,340  12,880 12,570	17,580 44,560	$\begin{array}{c} 31,710\\ 34,040\\ 76,910\end{array}$	28,500	26,950 10,440 30,730	36,670	10,620
Valuation 1	Express Companies	\$ 13,000 3,280 9,120 6,620	$ \begin{array}{c} 5,200\\ 8,140\\ 10,530 \end{array} $	6,130 6,620 5,670 6,660 3,290 1,330	7,290 6,690 1,860 9,910	8,630 11,720 22,370	8,770	$12,140 \\ 2,730 \\ 8,040 \\ 12,270$	990 13,560	4,580 6,610
	Telegraph Companies	\$ 128,280 8,930 77,580 9,890	$ \begin{array}{c} 5,170\\ 36,720\\ 26,260 \end{array} $	$\begin{array}{c} 41,260\\ 69,640\\ 3,580\\ 11,750\\ 6,890\\ 7,130\\ 2,770\end{array}$	$19,290 \\ 57,130 \\ 1,840 \\ 151,960$	49,890 56,030 202,620	46,850	$\begin{array}{c} 61,850\\ 3,840\\ \hline 16,980 \end{array}$	83,730	41,700
	Telephone Companies	\$ 164,890 50,950 213,940 8,460	$10,930 \\ 73,340 \\ 475,520$	$\begin{array}{c} 59,620\\ 18,380\\ 34,540\\ 29,710\\ 29,280\\ 42,290\\ 8,430\end{array}$	$\begin{array}{c} 121,810\\ 7,335,050\\ 3,120\\ 112,160\end{array}$	$\begin{array}{c} 26,510\\ 14,740\\ 1,044,160\end{array}$	136,380	94,350 24,070 32,520 47,300	$1,720\\84,700$	5,200 278,850
	Railroad Companies	\$ 4,115,300 1,513,200 2,480,140 1,855,840	$\begin{array}{c} 1,880,160\\ 3,088,090\\ 3,471,170\end{array}$	2,263,190 2,717,600 879,430 1,589,670 994,100 1,096,650 372,050	$\begin{array}{c} 2,044,080\\ 2,453,570\\ 106,320\\ 3,250,110 \end{array}$	2,157,770 3,243,520 6,380,620	3,223,350	$\begin{array}{c} 2,942,940\\ 679,090\\ 911,810\\ 5,718,930\end{array}$	276,470 3,954,410	207,750 2,934,480
	Valuation by County Assessor	\$ 27,084,670 8,268,219 18,913,990 2,752,335	$\begin{array}{c} 10,968,590\\ 10,331,270\\ 38,749,770 \end{array}$	$\begin{array}{c} 6.744.220\\ 12.712,507\\ 4.067,015\\ 7.350,240\\ 4.275,160\\ 8.689,595\\ 2,802,835\\ 2,802,835\end{array}$	$\begin{array}{c} 12,881,845\\ 412,997,910\\ 1,736,395\\ 7,470,205 \end{array}$	$\begin{array}{c} 4,490,841\\ 13,977,759\\ 64,305,370\end{array}$	18,643,807	$\begin{array}{c} 12,768,095\\ 1,977,896\\ 4,568,000\\ 10,027,705 \end{array}$	657,470 12,273,889	3.339,640 22,621,280
	COUNTY	Adams Alamosa Arapahoe	BacaBentBoulder	Chaffee Cheyene Clear Creek Conejos Crowley Custer	Delta Denver Dolores	ElbertEl Paso	Fremont	Garfield Gilpin Grand	Hinsdale	Jefferson

8,052,930 15,507,430 55,590,465 40,524,097 20,503,125 36,645,210 36,645,210		29,557,440 1,540,735 7,305,434 6,542,315 12,030,880 28,896,120	31,826,660 4,034,268	8,923,880 15 265,225 4,066,476 21,173,010 79,996,935	6.124.945 10,983,818 15,240,510	11.447,000 3,375,653 6.015,900 13,224,080 4,544,918 6.6	5,336,070 œ	19,116,665 H 104,345,960 66	24,864,750 56 1,577,560,380
2,244,900	2,274,345 3,869,680 6,122,585 11,589,020 3,156,120 7,049,445	4,096,170 578,650 191,770 442,490 1,818,905 4,638,690	$\begin{array}{c} 4,474,190\\ 1,012,890 \end{array}$	3,765,290 1,836,550 835,850 3,414,945 12,407,040	131,560 1,516,180 1,661,810	3,272,980 726,470 1,236,435 1,464,820 1,934,060	1,451,110	2,209,210 17,586,260	2,116,430 \$233,027,700 \$
	$\begin{array}{c} 511,370\\ 896,430\\ 781,730\\ 2,369,210\\ 79,800\\ 347,900\end{array}$	621,730 47,330 81,870 81,870 24,400 144,240 84,270	475,640 178,810	28,440 111,910 4,217,740	149,740 463,940	$\begin{array}{c} 70,940\\ 185,980\\ 908,240\\ 11,270\\ 374,520 \end{array}$	720,270	103,730 993,740	\$51,892,130
240	255 360 495 540 315	840  315 	360	  135 1,800	300	 	1		\$26,640
25,740 17,210	10,820 5,720 24,220 56,810 20,370 40,520	$\begin{array}{c} 18,830 \\ 5,300 \\ 1,560 \\ 2,710 \\ 5,610 \\ 5,610 \\ 2,710 \end{array}$	29,160 1,610	10,520 4,970 24,140 48,200	12,550 20,720	460  8,590 	1,150	11,420 104,700	\$1,009,380
35,120 24,060	$\begin{array}{c} 12.540 \\ \underline{20,890} \\ 56,090 \\ 29,820 \\ 39,760 \end{array}$	28,560 3,010  37,700	30,070	 15,440 80,690	36,500	12,520		17,300 57,900	16,260 \$1,081,770
9,180 6,320	5,630 12,700 10,390 20,890 7,840 15,880	$13,460 \\ 1,830 \\ 790 \\ 6,580 \\ 5,490 \\ 9,860 \\ 9,860 \\ 13,490 \\ 13,490 \\ 13,490 \\ 13,490 \\ 13,490 \\ 13,490 \\ 14,100 \\ $	9,720 3,920		820 4,280 9,540	3,250 1,380 4,880 3,310 4,720	-	4,520 38,940	4,250
19,310 33,290	26,590 17,630 24,960 64,060 60,130	$\begin{array}{c} 74.570\\ 1.920\\570\\ 13,160\\ 92,330\end{array}$	74,390 7,900	65,450 4,000 39,340 182,720	4,650	$16.100 \\ 1,400 \\ 6,040 \\ 28,280 \\ 11,690 \\$		45,250 289,320	44,690
7,720 25,910	$\begin{array}{c} 61,390\\ 74,570\\ 74,570\\ 380,540\\ 230,900\\ 21,390\\ 150,440\\ 150,440 \end{array}$	$\begin{array}{c} 236,880\\ 7,510\\ 18,370\\ 18,370\\ 26,090\\ 110,420\\ 157,840\end{array}$	171,020 32,040	37,560 28,380 22,570 120,330 964,250	23,260 60,790 48,330	$\begin{array}{c} 43,480\\ 20,810\\ 28,610\\ 40,070\\ 24,810\end{array}$	134,850	28,670 530,560	* 46,660 \$14,499,940
3,060,470 2,137,870	$\begin{array}{c} 1, 645, 750\\ 2, 862, 270\\ 4, 879, 360\\ 8, 703, 040\\ 2, 932, 840\\ 2, 932, 840\\ 6, 394, 500\end{array}$	$\begin{array}{c} 3,101,300\\ 511.750\\ 89,180\\ 376,140\\ 1,539,670\\ 4,226,980\end{array}$	3,683,830 788,610	3,624,830 1,789,840 691,170 3,207,100 6,888,630	$\begin{array}{c} 107,480\\ 1,283,870\\ 1,082,780\end{array}$	$\begin{array}{c} 3,138,750\\ 516,900\\ 286,200\\ 1,360,780\\ 1,518,320\end{array}$	594,840	1,998,320 15,570,290	1,992,440 \$161,387,910
10,323,026 21,738,177	5,778,588 11,637,750 49,467,880 29,467,880 29,235.077 17,347,005 29,595,765	$\begin{array}{c} 25,461,270\\ 962,085\\ 7,113,664\\ 6,099,825\\ 10,211,975\\ 24,259,430\end{array}$	27,352,470 3,021,378	5,158.590 13,428,675 3.230,626 17.758,065 67,589,895	$\begin{array}{c} 5,993,385\\ 9467,638\\ 13,578,700 \end{array}$	8,174,020 2.649,183 4,779,465 11,759,269 2,610,858	3,884,960	$\begin{array}{c} 16,907,455\\ 86.759,700 \end{array}$	22,748,320 \$1,344,532,680
Kiowa	LakeLa Plata Larimer Las Animas Lincoln Logan	Mesa Mineral Moffat Montezuma Montrose Morgan	Otero	Park Phillips Pitkin Prowers Prowers	Rio Blanco Rio Grande Routt	Saguache	Teller	Washington	Yuma

#### MILEAGE AND VALUE OF RAILROADS, TELEGRAPH AND TELEPHONE LINES AS RE-TURNED BY STATE TAX COMMISSION FOR 1928

COUNTY	Miles of Railroad	Value	Miles of Telephone	Value	Miles of Telegraph	Value
Adams Alamosa Arapahoe Archuleta	92.20 51.45 62.94 63.10	$\begin{array}{cccc} \$ & 4,115,300 \\ & 1,513,200 \\ & 2,480,140 \\ & 1,855,840 \end{array}$	5,301.68 1,745.50 7,173.52 206.25	\$ 164,890 50,950 213,940 8,460	1,306.20 80.92 760.31 89.65	\$ 128,280 8,930 77,580 9,890
Baca Bent Boulder	47.24 77.59 98.38	1,880,160 3,088,090 3,471,170	295.00 2,033.00 16,307.24	$\begin{array}{r} 10,930 \\ 73,340 \\ 475,520 \end{array}$	$\begin{array}{r} 46.88 \\ 519.20 \\ 237.99 \end{array}$	5,170 36,720 26,260
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley Custer	$76.95 \\ 63.12 \\ 26.03 \\ 54.05 \\ 63.63 \\ 31.35 \\ 12.65$	$\begin{array}{c} 2,263,190\\ 2.717,600\\ 879,430\\ 1,589,670\\ 994,100\\ 1,096,650\\ 372,050\end{array}$	$\begin{array}{r} 2,063.00\\ 636.00\\ 1,195.00\\ 1,041.00\\ 1,026.05\\ 1,238.20\\ 296,00\end{array}$	59,620 18,380 34,540 29,710 29,280 42,290 8,430	$\begin{array}{r} 382.90\\ 631.30\\ 32.42\\ 106.52\\ 62.42\\ 64.58\\ 25.06\end{array}$	41,260 69,640 3,580 11,750 6,890 7,130 2,770
Delta Denver Dolores Douglas	69.50 58.33 17.72 94.39	2,044,080 2,453,570 106,320 3,250,110	4,033.00 253,571.64 45.30 3,032.32	$\begin{array}{r}121,810\\7,335,050\\3,120\\112,160\end{array}$	174.87611.0316.671,688.83	19,290 57,130 1,840 151,960
Eagle Elbert El Paso	82.21 83.24 190.58	2,157,770 3,243,520 6,380,620	$\begin{array}{r} 923.50 \\ 510.00 \\ 34,780.52 \end{array}$	26,510 14,740 1,044,160	452.24 507.86 2,215.02	49,890 <b>56,020</b> 202,620
Fremont	102.08	3,223,350	4,737.00	136,380	488.11	46,850
Garfield Gilpin Grand	118.27 36.95 76.58	2,942,940 679,090 911,810	3,242.25 833.00 1,137.00	94,350 24.070 32,520	561.92 34.76	61,850 3,840
Hinsdale	194.73 9.40	- 5,718,930 276,470	76.00	47,300		
Huerfano Jackson	$\begin{array}{r}127.75\\43.88\end{array}$	3,954,410 · 207,750	2,606.56 180.00	84,700 5,200	819.36	83,730
Jefferson	98.57	2,934,480	9,670.00	278,850	378.02	41,700
Kiowa Kit Carson	$\begin{array}{r} 87.49 \\ 60.18 \end{array}$	3,060,470 2,137,870	$267.00 \\ 889.00$	7,720 25,910	$175.00 \\ 301.80$	19,310 33,290
Lake La Plata Larimer Las Animas Lincoln Logan	$53.69 \\ 121.00 \\ 136.37 \\ 225.40 \\ 73.33 \\ 133.60$	$1,645,750 \\ 2,862,270 \\ 4,879,360 \\ 8,703,040 \\ 2,932,840 \\ 6,394,500$	2,124.00 2,589.53 12,693.26 7,467.40 740.25 4,331.58	$\begin{array}{r} 61,390\\74,570\\380,540\\230,900\\21,390\\150,440\end{array}$	240.99 159.83 226.27 1,809.67 580.71 785.48	26,590 17,630 24,960 151,540 64,060 60,130
Mesa Mineral Moffat Montezuma Montrose	$112.25 \\ 17.40 \\ 7.49 \\ 62.69 \\ 52.35 \\ 90.53$	3,101,300 511,750 89,180 376,140 1,539,670 4,226,980	8,083.89 260.00 575.00 976.00 3,826.50 4 948 42	$\begin{array}{r} 236,880\\ 7,510\\ 18,370\\ 26,090\\ 110,420\\ 157,840\end{array}$	675.98 17.41 59.59 119.26 1.026 90	74,570 1,920 
Otero	· 92.58	3,683,830 788,610	5,626.20	171,020	1,071.57	74,390
Park Phillips Pitkin Prowers Pueblo	$\begin{array}{c} 107.29\\ 36.31\\ 39.14\\ 80.58\\ 210.52\end{array}$	3,624,830 1,789,840 691,170 3.207,100 6,888,630	$\begin{array}{c} 1,289.00\\ 606.97\\ 763.00\\ 3,462.12\\ 32,142.02\end{array}$	37,560 28,380 22,570 120,330 964,250	593.32 36.30 37.33 551.73 2,041.25	65,450 4,000 3,090 39,340 182,720
Rio Blanco Rio Grande Routt	$7.80 \\ 52.51 \\ 90.94$	107,480 1,283,870 1,082,780	718.50 2,041.00 1,671.25	23,260 60,790 48,330	42.11	4,650
Saguache San Juan San Miguel Sedgwick Summit	$107.10 \\ 28.72 \\ 47.70 \\ 31.48 \\ 44.94$	3,138,750 516,900 286,200 1,360,780 1,518,320	$1,423.00 \\720.00 \\990.00 \\1,087.28 \\884.00$	43,480 20,810 28,610 40,070 24,810	$163.23 \\ 12.92 \\ 54.77 \\ 360.54 \\ 105.99$	16,100 1,400 6,040 28,280 11,690
Teller	39.55	594,840	4,666.00	134,850		· · · · · · · · · · · · · · · · · · ·
Washington Weld	40.44 401.56	1,998,320 15,570,290	846.93 17,795.32	28,670 530,560	422.76 3,223.04	45,250 289,320
Yuma	40.42	1,992,440	1,557.27	46,660	405.10	44,690
State	4,995.61	\$161,387,910	490,554.88	\$14,499,940	27,851.89	\$2,639,930

## 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 1927.\* STATE LEVY, 3.84 MILLS

COUNTY	Valuation	Revenue	County Levy	Average Town Levy	Average School Levy	Average Total Levy
Adams Alamosa Arapahoe Archuleta	\$ 31,427,610 9,667,542 21,860,330 4,730,155	\$ 751,531.48 333,558.37 710,708.99 115,297.85	6.29 6.18 6.42 8.55	$21.45 \\ 17.24 \\ 16.43 \\ 16.00$	11.27 19.51 17.47 12 23	23.91 34.50 32.51 24.38
Baca Bent Boulder	12,572,086 13,711,680 46,432,290	298,669.68 333,099.94 1,371,782.56	$6.16 \\ 6.48 \\ 6.21$	$7.85 \\ 11.79 \\ 9.98$	$\begin{array}{r} 13.49 \\ 12.64 \\ 15.11 \end{array}$	22.96 24.29 29.54
Chaffee Cheyenne Clear Creek Costilla Crowley Custer	$\begin{array}{c} 9,315,780\\ 15,719,237\\ 5,428,935\\ 8,656,155\\ 5,265,270\\ 9,933,005\\ 3,093,445\end{array}$	$\begin{array}{c} 278,688.31\\ 276,643.57\\ 151,455.44\\ 276,669.68\\ 185,008.74\\ 314,236.68\\ 76,971.03 \end{array}$	$7.55 \\ 3.70 \\ 10.60 \\ 10.20 \\ 14.50 \\ 6.65 \\ 8.30$	$14.30 \\ 15.00 \\ 13.69 \\ 12.56 \\ 8.00 \\ 16.37 \\ 8.33$	$12.48 \\ 9.37 \\ 8.84 \\ 16.20 \\ 16.35 \\ 18.30 \\ 11.92$	29.92 17.60 27.90 31.97 35.14 31.64 24.88
Delta Denver Dolores Douglas	15,148,440 440,118,465 1,777,430 10,982,525	$585,920.78\\14,479,897.50\\73,636.81\\214,268.69$	$10.22 \\ 4.707 \\ 22.90 \\ 6.10$	12.68 9.989 14.00 22.50	$\begin{array}{r} 20.60 \\ 14.364 \\ 12.47 \\ 8.47 \end{array}$	38.68 32.90 41.43 19.51
Eagle Elbert El Paso	6,840,019 17,326,737 72,098,890	210,402.04 326,373.95 2,535,119.10	$11.00 \\ 4.97 \\ 4.48$	$\begin{array}{r} 18.35 \\ 15.46 \\ 13.70 \end{array}$	$14.07 \\ 9.47 \\ 18.14$	30.76 18.84 35.16
Fremont	21,660,149	785,326.24	7.66	12.97	19.64	36.26
Garfield Gilpin Grand Gunnison	$\begin{array}{r} 16,983,555\\ 2,810,271\\ 5,531,240\\ 15,888,625 \end{array}$	656,083.22 85,558.01 120,232.11 375,006.36	$12.35 \\ 12.50 \\ 7.51 \\ 7.29$	$16.30 \\ 23.70 \\ 15.77 \\ 12.68$	19.06 10.27 9.47 10.56	38.63 30.44 21.74 23.60
Hinsdale	928,410 17 274 663	41,138.50	24.00	22.00	13.57	44.31
Jackson Jefferson	3,888,880 26,252,640	73,903.49 745.562.45	6.15 8.16	14.00 14.69	8.37 14.33	19.00 28.40
Kiowa Kit Carson	13,423,484 27,027,998	255,967.99 588,921.03	$\begin{array}{c} 4.13\\ 4.50\end{array}$	$\begin{array}{c} 18.15\\ 20.04 \end{array}$	10.44 11.02	19.07 21.79
Lake La Plata Larimer Las Animas Lincoln Logan	$\begin{array}{c} 7,868,468\\ 15,345,490\\ 55,662,340\\ 42,071,688\\ 20,942,020\\ 36,540,420\end{array}$	$\begin{array}{c} 268,034.28\\ 523,012.96\\ 1,609,740.70\\ 1.314,980.62\\ 499,544.12\\ 1,025,186.16\end{array}$	$10.725 \\10.35 \\7.43 \\5.80 \\5.41 \\6.11$	$26.70 \\10.96 \\14.17 \\18.60 \\16.76 \\16.23$	$13.05 \\ 16.37 \\ 13.00 \\ 16.68 \\ 13.11 \\ 14.97$	34.06 34.08 28.92 31.26 23.85 28.06
Mesa Minera] Moffat Montezuma Montrose Morgan	$\begin{array}{c} 29,245,600\\ 1,549,365\\ 7,619,859\\ 6,205,505\\ 12,775,395\\ 28,415,480\end{array}$	$1,003,297.12\\37,437.44\\239,508.31\\248,785.77\\479,260.95\\790,137.41$	$7.60 \\ 10.67 \\ 12.00 \\ 13.75 \\ 10.30 \\ 6.75$	$14.84 \\ 20.00 \\ 20.00 \\ 15.38 \\ 16.05 \\ 11.03$	$17.18 \\ 12.59 \\ 12.59 \\ 19.66 \\ 19.13 \\ 15.12$	$\begin{array}{r} 34.36\\31.43\\31.43\\40.09\\37.51\\27.81\end{array}$
Otero Ouray	33.335,477 4,012,150	918,978.04 134,053.28	$\begin{array}{r} 4.50\\14.825\end{array}$	$\begin{array}{r} 14.01\\14.49\end{array}$	$14.73 \\ 11.77$	$27.53 \\ 33.53$
Park Phillips Pitkin Prowers Pueblo	8,960,170 15,535,370 4,201,454 21,687,050 77,864,526	$149,352.95\\315,673.86\\148,067.60\\547,068.10\\3,022,353.72$	$7.00 \\ 5.15 \\ 18.00 \\ 4.85 \\ 4.67$	4.81 10.94 43.00 12.78 27.30	5.68 10.00 9.68 14.16 18.18	16.67 20.31 35.24 25.23 38.82
Rio Blanco Rio Grande Routt	6,264,820 10,894,624 15,733,030	$\begin{array}{r} 157,843.52\\ 401,787.33\\ 431,754.44\end{array}$	$8.31 \\ 5.70 \\ 5.85$	$\begin{array}{r} 12.50 \\ 15.64 \\ 18.67 \end{array}$	$11.73 \\ 24.02 \\ 15.24$	$25.20 \\ 36.88 \\ 27.44$
Saguache San Juan San Miguel Sedgwick Summit	$\begin{array}{c} 11,056,496\\ 3,900,758\\ 6,145,110\\ 12,731,170\\ 4,610,946\end{array}$	278,698.12 109,882.30 205,510.36 344,658.42 114,003.97	$7.00 \\12.43 \\15.26 \\7.086 \\9.125$	$     \begin{array}{r}       11.97 \\       10.38 \\       9.09 \\       16.23 \\       13.54     \end{array} $	13.10 10.23 12.36 13.48 10.18	25.15 28.76 33.44 27.07 24.72
Teller	5,988,750	241,585.89	13.10	52.19	14.61	40.34
Washington Weld	21,221,275 106,633,850	490,205.54 3,082,423.85	4.25 6.76	12.00 14.37	14.10 15.37	$23.10 \\ 28.91$
Yuma	25,108,450	632,648.98	4.60	14.06	15.01	25.19
State	\$1,573,953,047	\$47,975,566.46	8.59	15.97	13.61	30.49

\*From County Treasurers' Annual Statements.

use of different classifications and inclusion of items not handled throuwith the auditor's reports.	igh the state	auditing depa	rtment, the fi	gures are not	comparable
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
Property . Property . Inheritance All others. Poll Business license taxes All others.	200,225 703,731 89,190 81,406,599	190,682 864,161 102,169 131 *2,373,889	182,517 911,039 93,715 93,715 166 1,847,641 672,989	183,679 876,009 86,600 122 2,085,833 724,291	674,690 272,093 272,093 15 3,012,626 763,558
Non-business license taxes: Motor vehicles	$\begin{array}{c} 635,590\\ 635,790\\ 205,736\\ 8,872\\ 932,282\\ 9,431\\ 9,431\end{array}$	660,958 213,959 9,573 871,404 19,054	789,358 242,555 9,610 883,414 18,416	$\begin{array}{c} 828,884\\ 229,956\\ 6,208\\ 6,208\\ 53,558\\ 4,029\end{array}$	$\begin{array}{c} 876,413\\ 269,857\\ 6,194\\ 93,927\\ 4,596\end{array}$
Subventions and grants, donations and pension assessments: From U. S. Government From private persons and corporations	1,508,439 55,597	1,791,013 191,170	$1,662,461\17,226$	1,424,488 121,296	$1,445,798\\57,200$
Rents and interest: Sinking and trust funds	477,043 423,534	$\frac{447,066}{542,280}$	540,730 521,033	322,398 709,399	473,766 660,160
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

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 of different classifications and inclusion of items not handled through the state auditing department, the figures are not comparable

COLORADO YEAR B O O K, 1928-1929

\* Not segregated.

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	-			the same of	
Expenses:	1923	1924	1925	1926	1927
General government	\$ 903,618	\$ 797,949	\$ 926,138	\$ 781,274	\$ 968,797
Frotection to persons and property. Militia and armories	$\begin{array}{c} 118,198\\ 344,030\\ 142,097\end{array}$	$104,096\\336,870\\120,528$	86,746 314,166 140,687	$\begin{array}{c} 99,705\\ 317,954\\ 314,952\end{array}$	$114,294\\294,975\\318,051$
Development and conservation of natural resources: Agriculture	533,595 190,527	585,513 252,508	492,808 197,283	654, 219 301, 319	657, 135 203, 139
Conservation of health and sanitation: Prevention and treatment of communicable diseases. All others. Highways Charities, hospitals and corrections.	$\begin{array}{c} 36,691\\ 102,521\\ 2,194,606\\ 1,585,162\end{array}$	$\begin{array}{c} 37,096\\ 106,348\\ 2,552,989\\ 1,901,758\end{array}$	$\begin{array}{c} 36,407\\ 115,127\\ 2,623,880\\ 1,654,808\end{array}$	$\begin{array}{c} 27,692\\ 101,944\\ 1,679,991\\ 2,026,190\end{array}$	$\begin{array}{c} 24,904\\ 106,558\\ 2,455,574\\ 2,174,161\end{array}$
Education: Schools Libraries Recreation Miscellaneous	3,361,776 2,000 17,393 252,553 438,737	$\begin{array}{c} 3,411,549\\ 2,200\\ 19,206\\ 217,455\\ 490,318 \end{array}$	$\begin{array}{c} 3,810,044\\ 8,92\\ 16,716\\ 293,227\\ 542,154\end{array}$	$\begin{array}{c} 3,646,272\\ 575\\ 12,829\\ 240,659\\ 578,273\end{array}$	$\begin{array}{c} 3,614,122\\ 973\\ 12,610\\ 240,197\\ 620,860\end{array}$
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 Fish and game. Highways Gucation Miscellaneous Total governmental costs.	\$ 60,431 4,538,231 267,615 1,293,514 31,608 \$16,414,903	\$ 17,507 4,774,445 103,652 1,807,411 7,1646,562	\$ 22,778 3,761,659 3,761,659 1,532,915 6,373 \$16,644,846	\$ 31,324 3,910,519 221,819 704,690 59,279 59,279 \$15,830,123	\$ 20,238 3,348,800 3,348,800 711,052 711,052 136,752 \$16,147,194
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DISBURSEMENTS OF STATE GOVERNMENT FOR 1923 TO 1927, INCLUSIVE

#### DISTRIBUTION OF GENERAL TAX IN COLORADO FOR 1927 (From the Records of the State Tax Commission)

COUNTY	Revenue of State	Revenue of County	Revenue of Schools	Revenue of Towns	Total Revenue
Adams Alamosa Arapahoe Archuleta	\$ 120,682.02 37,123.36 83,943.67 18,163.80	\$ 197,679.66 59,745.40 140,343.32 40,442.83	\$ 354,318.98 188,809.73 381,971.38 48,379.22	\$ 78,850.82 47,879.88 104,450.63 8,312.00	\$ 751,531.48 333,558.37 710,709.00 115,297.85
Baca Bent Boulder	$\begin{array}{r} 48,276.81\\ 52,652.85\\ 178,299.99\end{array}$	77,444.04 88,851.69 288,344.52	169,613.83 173,313.00 701,727.83	3,335.00 18,282.40 203,410.22	298,669.68 333,099.94 1,371,782.56
Chaffee Cheyenne Clear Creek Costilla Crowley Custer	35,772.59 60,361.87 20,847.11 33,269.64 20,218.64 38,142.74 11,878.82	$\begin{array}{c} 70,334.14\\ 58,161.17\\ 57,546.71\\ 88,292.78\\ 76,346.41\\ 66,054.48\\ 25,675.59\end{array}$	$116,292.64\\147,193.91\\47,977.58\\140,284.36\\86,087.77\\181,774.59\\36,865.82$	56,288.94 10,926.62 25,084.04 14,852.90 2,355.92 28,264.87 2,550.80	278,688.31 276,643.57 151,455.44 276.669 68 185,008.74 314,236.68 76,971.03
Delta Denver Dolores Douglas	$58,170.09 \\ 1,690,054.91 \\ 6,825.33 \\ 42,172.89$	$\begin{array}{r} 154,817.05\\ 2,071,637.61\\ 40,703.15\\ 66,993.40\end{array}$	312,061.74 6,321,861.63 22,173.14 93,031.38	60,871.90 4,396,343.35 3,935.19 12,071.02	585,920.78 14,479,897.50 73,636.81 214,268.69
Eagle Elbert El Paso	26,265.67 66,534.67 276,859.74	75,240.20 86,113.88 323,003.02	96,224.00 164,165.94 1,307,537.81	$\begin{array}{r} 12,672.17\\9,559.46\\627,718.53\end{array}$	210,402.04 326,373.95 2,535,119.10
Fremont	83,174.97	165,916.74	425,305.16	110,929.37	785,326.24
Garfield Gilpin Grand Gunnison	65,216.85 10,791.44 21,239.96 61,012.32	$209,746.90\ 35,128.39\ 41,539.61\ 115.828.07$	323,738.66 28,873.84 52,379.59 167,749.62	57,380.80 10,764.34 5,072.95 30,416.35	656,083.21 85,558.01 120,232.11 375,006.36
Hinsdale	3,565.09	22,281.84	12,594.81	2,696.76	41,138.50
Jackson Jefferson	14,933.29	23,916.61	32,539.89	2,513.70	73,903.49
Kiowa Kit Carson	51,546.17	55,438.99	140,193.57	8,789.26 65.680.38	255,967.99 588.921.03
Lake La Plata Larimer Las Animas Lincoln Logan	$\begin{array}{c} 30,214.92\\ 58,926.68\\ 213,743.39\\ 161,555.28\\ 80,417.36\\ 140,315.21\end{array}$	$\begin{array}{r} 84,389.32\\ 158,825.82\\ 413,571.18\\ 244,015.79\\ 113,296.32\\ 223,285.06\end{array}$	$102,659.19 \\ 251,187.83 \\ 723,784.47 \\ 701,877.35 \\ 274,596.33 \\ 546,925.21 \\$	$50,770.85 \\ 54,072.63 \\ 258,641.66 \\ 207,532.20 \\ 31,234.20 \\ 114,660.68$	$\begin{array}{r} 268,034.28\\ 523,012.96\\ 1,609,740.70\\ 1,314,980.62\\ 499,544.21\\ 1,025,186.16\end{array}$
Mesa Mineral Moffat Montezuma Montrose Morgan	$\begin{array}{r} 112,303.10\\ 5,949.56\\ 29,260.26\\ 23,829.15\\ 49,057.52\\ 109,115.44\end{array}$	$\begin{array}{r} 222,266.56\\ 16,531.72\\ 91,438.30\\ 85,325.69\\ 131,586.56\\ 191,804.49\end{array}$	$\begin{array}{c} 502,549.71\\ 10,934.06\\ 95,956.01\\ 121,995.62\\ 244,431.67\\ 429,572.91 \end{array}$	$166,177.75 \\ 4,022.10 \\ 22,853.74 \\ 17,635.31 \\ 54,185.20 \\ 59,644.57 \\ \end{array}$	1,003,297.12 37,437.44 239,508.31 248,785.77 479,260.95 790,137.41
Otero Ouray	128,200.23 15,406.66	150,234.65 59,480.12	491,852.14 47,210.76	$\begin{array}{r} 148,\!691.02\\ 11,\!955.74\end{array}$	918,978.04 134,053.28
Park Phillips Pitkin Prowers Pueblo	34,407.05 59,655.82 16,133.58 83.278.27 298,999.78	$\begin{array}{r} 62,721.19\\ 80,007.16\\ 75,626.17\\ 105,181.19\\ 363,627.33\end{array}$	50,878.98 155,378.76 40,653.05 307,045.57 1,415,326.80	$\begin{array}{r} 1,345.73\\ 20,632.12\\ 15,654.80\\ 51,562.07\\ 944,399.81\end{array}$	$\begin{array}{r} 149,352.95\\315,673.86\\148,067.60\\547,068.10\\3,022,353.72\end{array}$
Rio Blanco Rio Grande Routt	$24,056.91 \\ 41,835.36 \\ 60,414.83$	52,060.65 62,099.35 92,038.22	73,508.27 261,687.99 239,694.40	8,217.69 36,164.63 39,606.99	157.843.52 401,787.33 431,754.44
Saguache San Juan San Miguel Sedgwick Summit	42,456.94 14,978.91 23,597.22 48,887.69 17,706.03	77,395.47 48,486.42 93,774.38 90,213.07 42,074.88	$\begin{array}{r} 144,882.20\\ 39,904.76\\ 75,992.26\\ 171.598.01\\ 46,932.87\end{array}$	$\begin{array}{r} 13,363.51\\ 6,512.21\\ 12,146.50\\ 33,959.65\\ 7,290.19\end{array}$	278,098.12 109,882.30 205,510.36 344,658.42 114,003.97
Teller	22,996.80	78,452.62	87,472.04	52,664.43	241,585.89
Washington Weld	81,489.69 409,473.98	90,190.41 720,844.83	299,272.88 1,638,948.36	19.252.56 313,156.68	490,205.54 3,082,423.85
Yuma	96,416.45	115,498.87	376,959.37	43,774.29	632,648.98
State	\$6,043,979.71	\$9,746,913.82	\$23,241,190.70	\$8,943,482.23	\$47,975,566.46

# DISTRIBUTION OF GENERAL TAX IN COLORADO FOR 1928\* (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 P		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 Alamosa Arapahoe Arcbuleta		2,01 0.63 1.43 0.30		$14.55 \\ 10.35 \\ 11.39 \\ 12.84$	$2.01 \\ 0.63 \\ 1.43 \\ 0.30$	\$ 201,465.85 57,001.47 138,397.04 49,805.21	$\begin{array}{c} 25.01 \\ 16.65 \\ 19.55 \\ 38.40 \end{array}$	\$ 17,226.48 48,517.58 103,151.71 8,628.39	9.9714.1014.57 $6.65$	\$ 383,153.22 202,989.96 385,597.18 54,527.55	$\begin{array}{r} 49.45 \\ 58.99 \\ 54.48 \\ 42.11 \end{array}$	\$ 774,610.16 344,110.03 707,661.40 129,709.66	$1.51 \\ 0.72 \\ 1.47 \\ 0.27$
Baca Bent Boulder	$\begin{array}{r} 12,883,580\\ 13,630,010\\ 45,310,560\end{array}$	0.81 0.86 2.93	$\begin{array}{r} 45,865.90\\ 48,622.84\\ 154,855.56\end{array}$	$13.30 \\ 15.25 \\ 12.10$	0.82 0.85 2.93	95,864.58 87,604.56 293,608.89	$27.80 \\ 27.50 \\ 21.54$	11,649.00 19,141.32 204,001.21	$3.35 \\ 5.01 \\ 14.97$	191,528.18 163,024.57 700,259.65	$66.64 \\ 51.24 \\ 61.39$	344,797.66 318,193.49 1,352,735.20	$\begin{array}{c} 0.71 \\ 0.65 \\ 2.82 \end{array}$
Chaffee Cheyenne Clear Creek Conejos Ostilla Crowley Custer	$\begin{array}{c}9,495,880\\16,569,747\\5,413,410\\9,026,850\\5,336,840\\10,002,920\\3,203,125\end{array}$	$\begin{array}{c} 0.60\\ 0.99\\ 0.34\\ 0.57\\ 0.34\\ 0.63\\ 0.20\\ \end{array}$	33,805.33 55,428.30 19,271.74 32,135.59 18,999.15 35,610.40 11,403.13	11.83 21.63 13.29 10.90 10.19 12.15 13.85	$\begin{array}{c} 0.50\\ 0.99\\ 0.34\\ 0.57\\ 0.34\\ 0.53\\ 0.20\\ \end{array}$	$\begin{array}{c} 72,168.58\\ 46,930.75\\ 63,375.22\\ 85,748.02\\ 77,384.18\\ 58,016.93\\ 28,828.12 \end{array}$	$\begin{array}{c} 26.25 \\ 17.94 \\ 36.81 \\ 29.44 \\ 41.49 \\ 19.80 \\ 35.04 \end{array}$	$\begin{array}{c} 60.998.99\\ 10.987.17\\ 25.178.07\\ 16.472.15\\ 2.420.60\\ 25.751.41\\ 2.575.93 \end{array}$	17.864.2917.355.521.318.793.25	$\begin{array}{c} 128,711.14\\ 143,835.81\\ 47,173.53\\ 159,219.71\\ 87,658.79\\ 173,586.21\\ 39,381.20\\ \end{array}$	$\begin{array}{c} 45.05\\ 56.14\\ 32.64\\ 54.04\\ 47.01\\ 59.25\\ 47.85\end{array}$	$\begin{array}{c} 286,584.14\\ 255,182.03\\ 144,999.56\\ 294,575.47\\ 186,452.72\\ 292,964.95\\ 82,288.38 \end{array}$	$\begin{array}{c} 0.69 \\ 0.53 \\ 0.30 \\ 0.51 \\ 0.39 \\ 0.61 \\ 0.17 \end{array}$
Delta Denver Dolores Douglas	$\begin{array}{r} 16,155,415\\ 448,014,345\\ 1,888,425\\ 11,363,250\end{array}$	0.96 28.36 0.11 0.72	53,953.28 1,594,931.07 6,722.79 40,453.17	$9.05 \\11.05 \\9.48 \\18.72$	0.95 28.36 0.11 0.72	182,319.64 2,124,484.02 35,691.23 59,315.83	$30.65 \\ 14.73 \\ 50.32 \\ 32.09$	59,740.59 4,466,845.71 4,091.92 11,455.72	$10.01 \\ 30.89 \\ 5.77 \\ 5.30$	300,653.45 6,249,800.11 24,428.94 94,809.62	$60.39 \\ 43.32 \\ 34.43 \\ 43.89$	$\begin{array}{r} 696,675.97\\ 14,425,051.91\\ 70,934.88\\ 215,036.24\end{array}$	$1.23 \\ 29.91 \\ 0.16 \\ 0.45$
Gagle Glbert Cl Paso	5,919,233 17,385,019 73,373,180	$0.44 \\ 1.10 \\ 4.55$	24,532.47 61,890.67 261,208.62	11.55 18.15 10.14	$0.44 \\ 1.10 \\ 4.55$	76,111.67 75,145.38 365,855.90	$35.59 \\ 22.35 \\ 14.25$	$\begin{array}{r} 12,367.14 \\ 7,946.58 \\ 524,363.71 \end{array}$	$5.80 \\ 2.33 \\ 24.24$	$\begin{array}{r} 100,131.94\\ 194,767.31\\ 1,323,159.54\end{array}$	$\begin{array}{r} 46.95 \\ 67.16 \\ 61.37 \end{array}$	213,243.12 340,760.94 2,675,697.77	0.44 0.71 5.34
'remont Garfield Silpin Grand Gunnison	23,589,225 17,443,075 2,797,573 5,637,775 15,839,880	1.49 1.10 0.18 0.35 1.00	83,977.64 52,097.35 9,959.72 20,070.48 66,389.97	11.22 9.17 11.87 14.15 14.07	1.49 1.10 0.18 0.36 1.00	$149,555.68\\209,315.90\\34,970.91\\49,894.31\\156,022.82$	19.99 30.92 41.58 35.21 38.92	112,017.74 51,409.28 10,608.75 5,583.02 30,840.18	$14.97 \\9.07 \\12.63 \\3.95 \\7.59$	$\begin{array}{r} 402,766.69\\ 344,174.74\\ 28,464.34\\ 56,146.58\\ 157,518.83\end{array}$	63.82 50.84 33.92 46.58 39.32	748,315.75 676,998.27 83,893.72 141,594.49 400,871.80	1.65 1.40 0.17 0.29 0.83
Iinsdale Iuerfano ackson	955,310 17,153,159 3,604,530	0.06 1.09 0.23	3,400.90 61,100.88 12.832.48	$7.63 \\ 9.47 \\ 21.75$	0.05 1.09 0.23	25,032.20 203,383.56 20,546.39	57.58 31.50 34.83	2,509.95 45,734.21 2,517.15	5.77 7.08 4.44	13,155.09 335,406.48 23,005.57	29.12 51.96 38.98	46,208.14 545,625.12 69,001.60	0.09 1.34 0.12
efferson Liowa	26,885,700 13,485,855 28,060,047	1.70 0.85	95,715.65 48,009.65 85 207 77	12.68 26.51 15.38	1.70 0.85 1.52	220,202.07 4,315.47 107,820,21	28.92 2.30 19.44	65,541.66 8,581.91 54 691 80	7.31 4.68 9.85	389,801.13 125,577.37 305,757.34	51.19 67.51 56.33	761,351.41 187,484.40 664,477.12	1.68 0.39 1.16
Ait Carson Jake Ja Plata Jarimer Jas Animas Jincoln	$\begin{array}{c} 25,580,041\\ 8,048,435\\ 15,495,540\\ 55,393,340\\ 40,824,097\\ 20,503,125\\ 35,554,970\end{array}$	$\begin{array}{c} 1.32 \\ 0.51 \\ 0.98 \\ 3.51 \\ 2.59 \\ 1.30 \\ 2.32 \end{array}$	28,552.43 55,154.12 197,200.29 145,333.78 72,991.13 130,491.59	9.96 10.85 11.55 10.98 14.93 12.43	$\begin{array}{c} 0.51 \\ 0.98 \\ 3.51 \\ 2.59 \\ 1.30 \\ 2.32 \end{array}$	$\begin{array}{r} 92,074.10\\ 139,459.86\\ 463,542.25\\ 235,779.75\\ 111,947.05\\ 257,214.73\end{array}$	31.99 27.45 27.16 17.88 22.90 25.45	52,165.42 55,047.04 265,933.51 204,346.29 30,592.15 117,379.05	$\begin{array}{c} 21.60\\ 10.84\\ 15.58\\ 15.43\\ 6.25\\ 11.18\end{array}$	104,902.55 258,253.55 780,194.92 737,599.71 273,353.48 534,465.32	$\begin{array}{c} 36.45\\ 50.85\\ 45.71\\ 55.71\\ 65.91\\ 50.94\end{array}$	$\begin{array}{r} 287,794.61\\ 607,934.67\\ 1,706,970.97\\ 1,324,168.54\\ 488,893.82\\ 1,049,661.79\end{array}$	0.60 1.05 3.64 2.74 1.02 2.18
Aesa Aineral Aoffat Aontrose Aorran	$\begin{array}{r} 29,585,240\\ 1,540,736\\ 7,450,925\\ 6,451,240\\ 12,050,800\\ 29,152,520\end{array}$	$1.90 \\ 0.10 \\ 0.47 \\ 0.41 \\ 0.75 \\ 1.85$	$106,579.45 \\ 5,485.02 \\ 25,660.89 \\ 22,965.41 \\ 42,935.45 \\ 103,782.97$	$10.73 \\ 15.09 \\ 11.09 \\ 9.51 \\ 9.24 \\ 12.49$	$1.90 \\ 0.10 \\ 0.47 \\ 0.41 \\ 0.76 \\ 1.85$	$\begin{array}{r} 207,796.58\\ 14,128.54\\ 89,531.10\\ 84,640.27\\ 135,442.78\\ 208,498.82\end{array}$	21.09 41.43 37.39 35.02 29.13 25.09	$156,517.02 \\ 4,008.30 \\ 20,185.89 \\ 18,098.45 \\ 53,580.82 \\ 65,514.53$	$16.82 \\ 11.75 \\ 8.44 \\ 7.49 \\ 11.53 \\ 7.89$	505,975.40 10,475.87 103,139.05 116,977.72 232,927.07 453,276.78	$\begin{array}{r} 61.36\\ 30.73\\ 43.08\\ 47.98\\ 50.10\\ 64.53\end{array}$	985,069,56 34,098,73 239,417,93 241,582,86 454,887,12 831,073,20	2.04 0.07 0.50 0.50 0.96 1.72
Otero	$31,995,170 \\ 4,034,958$	2.03 0.25	$113,902.81 \\ 14,354.49$	13.05 11.11	2.03 0.25	134,379.72 55,489.55	15.40 43.68	148,966.81 11,722.43	17.08 9.06	475,058.60 45,744.12	64.46 35.16	872,317.84 129,320.59	1.81
Park Phillips Pitkin Prowers Public	8,931,015 15,255,225 4,108,675 21,196,415 80,225,450	0.55 0.97 0.25 1.34 5.08	$\begin{array}{c} 81,794.41\\ 54,344.20\\ 14,525.53\\ 75,459.23\\ 285,506.20\end{array}$	21.53 18.42 10.57 12.95 9.22	0.55 0.97 0.25 1.34 5.08	$\begin{array}{c} 62,517,11\\ 65,251.08\\ 58,306.05\\ 134,597.23\\ 374,557.67\end{array}$	42.51 22.45 49.38 23.12 12.09	1,389.50 19,846.62 14,143.56 52,659.02 993,250.97	0.94 5.73 10.23 9.03 32.05	154,685.75 154,685.75 41,259.72 319,512.88 1,445,323.78	54.5252.3929.8254.8946.64	295,028,55 138,334.87 582,128.36 3,098,838.52	0.51 0.29 1.21 6.42
tio Blanco tio Grande	5,228,135 10,983,816 15,540,070	0.39 0.70 0.98	22,172.15 39,102.38 55,322.55	$13.58 \\ 9.11 \\ 12.54$	0.39 0.70 0.98	65,513.74 58,099.55 97,125.44	34.69 15.88 22.20	8,125.87 40,024.48 38,692.45	4.98 9.38 8.84	76,305.74 281,443.51 246,432.41	$45.75 \\ 65.53 \\ 56.32$	163,218.51 428,670.13 437,572.96	0.34 0.89 0.91
aguache an Juan an Miguel edgwick	$\begin{array}{c} 11,451,875\\ 3,375,563\\ 5,024,970\\ 13,223,420\\ 4,544,918\end{array}$	0.73 0.21 0.38 0.84 0.28	40,768.58 12,017.32 21,448.89 47,075.38 15,179.91	$13.98 \\ 12.64 \\ 11.19 \\ 12.91 \\ 14.12$	0.73 0.21 0.38 0.84 0.28	$\begin{array}{r} 80,153.13\\ 39,292.50\\ 83,385.69\\ 109,515.36\\ 45,449.18\end{array}$	27.48 41.02 43.62 30.04 39.55	$\begin{array}{r} 12,329.98\\ 5,351.91\\ 12,613.33\\ 38,254.43\\ 5,894.51\end{array}$	4.23 6.64 5.53 10.60 5.02	$\begin{array}{c} 158,394.38\\ 38,144.88\\ 74,274.91\\ 159,737.28\\ 45,068.86\end{array}$	$54.31 \\ 39.80 \\ 38.75 \\ 46.65 \\ 40.20$	291,655.17 95,816.71 191,522.72 364,593.46 114,592.46	0.61 0.20 0.40 0.75 0.24
Celler	5,335,070	0.34	18,995.41	8.72 13.97	0.34	59,902.52 85,024.99	32.05 17.55	51,320.20 19,752.35	23.65 4.05	77,758.21 313,228.75	35.57 64.31	217,977.34 487,071.42	0.45
Washington Veld	104,315,570	5.51	371,353.78	11.88	5.51	599,958.15 111.891.37	22.39 18.13	315,887.93 35,869.35	10.10	1,739,504.57 380,115.70	55.53	3,125,714.43 517,394.94	1.28
(uma State	\$1,579,335,175	100.00	\$5,522,435.77	11.55	100.00	\$9,954,851.69	20.54	\$9,055,033.24	18.80	\$23,588,329.04	48.90	\$48,230,550.74	100.00
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\*From County Treasurers' Annual Statement.

19 -AAAAA BBBB CCCCCCCC DDDD EEE F GGGG HH JJ KK LLLLLLL NAMANN CC HHHHH HHH SEEEE F YYY Y :

Department or Institution	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	46,060	3,987,073	2,579,497
Fort Lowis 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	482,585		9,297,508	9,311,000
Game and Fish Department	665,340	740,445		740,445	402,849
Highway Department	32,363,680	632,200	14,679	33,01,0,559	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	*6,913,605		4,955,138
Totals, 1928	\$103,829,455	\$6,211,968	\$107,238,187	\$217,279,610	
Totals, 1926	\$100,101,384	\$4,811,335	\$108,002,488		\$212,916,207
					0

INVENTORY VALUE STATE PROPERTY, 1928 AND 1926 (From Auditor's Reports)

\*Includes \$6,864,400 cash in hands of State Treasurer. †Includes \$100,000,000 rights in lands.

# **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 information available, is approximately \$3,011,797,640. Of that amount, \$1,577,560,380 is the assessed value of property on the tax rolls of the state in 1928 as reported by the state tax commission, and \$1,434,237,260 represents the estimated value of property in the state which is not assessed for the payment of taxes. The taxable property comprises 52.4 per cent of the total, and the non-taxable property 47.6 per cent.

The estimate on non-taxable property is \$31,246,862 higher than a similar estimate made for 1926 and \$159, 129,260 higher than in 1925. These increases are more apparent than real and are due in a large measure to better and more complete information being available and to adjustments in the figures to meet changed conditions. The figures for 1928 are \$217,615,000 below the department of commerce figures for the value of all wealth in Colorado in 1922, the department's total being \$3,229,412,000. The department of commerce figures are discussed in more detail elsewhere in this volume under the heading "Colorado's Total Wealth."

The per capita value of all property on the basis of the census estimate of population as of July 1, 1928, is \$2,763, of which taxable property is \$1,447 and non-taxable property \$1,316 per capita. 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 nontaxable property of the state:

Colleges and universities	
(private)	4.755.646
Public schools	58,043,117
Churches and rectories	26,646,456
State property	217 297 610
National forests	70,000,000
Federal reclamation proj-	10,000,000
octs	11 000 000
Unannronriated government	11,000,000
land	11 575 681
Federal coal lands	739 946 800
Federal chalo land (alass-	102,210,000
ifed)	47 612 050
Fodoral chalo recorred	2 878 000
Federal shale reserves	9 1 9 0 0 0 0
Federal on reserves	
Municipal property	09,900,000
County property	8,952,000
Federal government build-	97 400 000
ings	27,400,000
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	3,120,000
Property fraternal organi-	
zations	10,000,000
Miscellaneous charity or-	0 000 000
ganizations	3,000,000
National parks and monu-	
ments	1,590,000
Federal power, water and	
reservoir reserves	25,000,000
Miscellaneous	5,000,000

Total.....\$1,434,237,260

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 1926, and is for land, buildings and equipment only and does not include endowment and investment funds. The estimate on this item in the tabulation for 1926 was \$7,110,506, and included all property. 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 13,278,-The estimate of value is 233 acres. 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. In the estimate for 1926 an average value of approximately \$173 an acre was used, and only government coal reserves are included, giving a value of \$735,763,000. 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 4.177.601 acres of withdrawn coal land and 3.145.867 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 371/2 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 50 per cent for increase in value in 16 years. When it is recalled that Denver alone has added three-fourths 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 1928, details of which are available in a table published elsewhere in this volume.

# **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 expansion. 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 1927-1928 was equal to more than one-fourth of the entire population, or 275,227. 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. Enrollment by sex and classes for the school year were as follows:

Male	Female	Total
 24.494	121.144	245.638

Fublic Schools1	44,434	141,144	440,000
County high	2,534	2,959	5,493
State colleges and universities	3,949	3,666	7,615
Private colleges and universities	1,947	1,932	3,879
Parochial, etc	5,949	6,653	12,602
Total1	38,873	136,354	275,227

Enrollment by years was as follows:

1925-26 1926-27 1927-28

Public	246,145	245,638
County 5,034	5,470	5,493
State 7,319	7,114	7,615
Private 4,216	3,695	3,879
Parochial 12,213	12,213	12,602
Total	274.637	275.227

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 pro-grams. 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 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 (1926).....\*4,755,646 \*4,755,646

\*Includes value of grounds, buildings and equipment, but not endowment funds and investments.

The cost of operating the educational institutions of the state, including permanent improvements, probably is in excess of \$35,000,000 annually. The cost of the public schools in 1928 was \$25,410,667, and of state institutions in 1927 \$4,923,669. Data on private universities and colleges and parochial schools are not available.

The public schools, universities, colleges and private schools of all classes included in this summary reported a total of 11,039 instructors and teachers employed during the regular school year of 1927-1928, of which 2,379 were male and 8,660 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	1,554	7,775	9,329
County high	131	189	320
State colleges and			
universities	455	169	624
Private colleges and	0.05		070
universities	205	1 2	210
Parochial	34	450	490
Total, 1927-28	2,379	8,660	11,039
10tal, 1020-20	2,100	0,000	10,011

#### 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 2,032 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 organconsolidated districts, izing new 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 3,317 schools in the state in 1928, a high school, an elementary school and a kindergarten housed in the same building being counted as three schools. These were classified as follows:

Senior high schools							283
Junior high schools.					÷	÷	169
Elementary schools.							649
Kindergarten schools							118
Rural schools							 2,098
Total							9 917

In the same year there was a total of 4,636 buildings classified as follows:

Sod, a Frame	dob	e or	log	<b>;</b> .	•	•••	•	•	•••	•	•		•	•		252
Brick	or	stor	ne.										:	:	:	.1,023
Tota	al															4.636

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

\*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:

	Valua	tion
	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 end-

ing June 30, 1928, as rep	orted by the
state superintendent, wer	e as follows:
Balance on hand	\$ 2,949,714.44
General fund by apportion- ment	- 1,497,948.19
County levy, teachers' min- imum salary	- 5,125,867.97
Special tax	. 15,396,080.70
All other sources	. 3,412,829.74
	000 9FC 191 97

Total.....\$28,356,121.3

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

	Receipts	Disbursem'ts
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

A table published herewith shows receipts and disbursements for 1927 and 1928 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	sch	00	ls.			 		. 36,332
Junior	high	sch	00	ls.			 		. 24,724
Grade	school	s					 		.177,866
Night	school	s					 		. 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		*5,208
1927		528
1928		*484
TOTOTICE		

#### \*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	•	•	•	•	•	•	•	•	•		•	•	•	٠	•	•	•	•	٠	٠	٠	٠	•	٠	٠	1,582,097
1924	٠	٠	٠	٠	٠	•	٠	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	1,777,314
1920	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1	•	•	•	1 672 690
1020	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•		1	•	1	•	•	1,012,000

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, 1929.

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

#### COLLEGES AND UNIVERSITIES

Among the principal universities, colleges and professional schools of the state devoted to higher education are the following:

Name Location Openin	of 1g
University of Colo-	
rado18'	77
Agricultural col-	
lege	31
School of Mines18	74
Western State col-	
legeGunnison19	9
State NormalAlamosa	25
Teachers college Greeley	90
Fort Lewis school. Hesperus	11
Colorado college Colorado Springs.18	14
Regis conege Denver183	53
Colorado woman's	0.0
University of Den	19
University of Den-	C 4
Lorotto Hoights	2 2
college	1.8

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 enrollment of 10.831; four total 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.

Receipts for Public School Purposes for the Year Ending June 30, 1928.

 Bal. on hand
 \$2,949,714

 General Fund
 \$1,497,948

 County Levy
 \$5,125,867

 Special Tax
 \$3,412,829

Disbursements for Public School Purposes for the Year Ending June 30, 1928.


### PUBLIC SCHOOLS, TEACHERS AND SCHOOL POPULATION, 1928

	To	otal Num	ber		Teachers	1	Sch	ool Popula	tion
COUNTY	No. of School Dist.	Schools	School Bldgs.	Male	Female	Total	Persons of School Age	Enrollm't in Public Schools	Aver. Daily Attend.
Adams	42	75	77	26	159	185	5,747	4,800	3,328
Alamosa	14	25	39	12	62	172	2,498	2,225	1,554
Archuleta	20	28	40	- 21	29	38	1.011	4,015	659
Baca	64	94	208	34	82	116	2,658	2,558	1.711
Bent	38	47	72	15	69	84	2,365	1,756	1,524
Boulder	52	69	65	58	248	306	9,695	7,967	6,190
Chaffee	26	26	31	11	51	62	2,114	1,579	1,255
Clear Creek	9	10	10	6	20	26	547	461	370
Conejos	29	43	40	26	85	111	3,713	2,960	2,069
Crowley	14 9	$\frac{19}{27}$	17	9	31	40	1,814	1,235	871
Custer	21	22	46	3	27	30	507	365	255
Delta	20	48	48	25	129	154	5,247	4,307	3,132
Denver	1	138	105	208	1,404	1,612	78,571	58,989	44,932
Douglas	10	17	18	2 5	18	20	383	424	300
Eagle	23	43	66	5	54	59	905	870	616
Elbert	47	99	128	16	98	114	2,214	1,743	1,383
El Paso	38	106	87	87	347	434	12,171	10,857	7,754
Fremont	33	55	86	44	166	210	5,984	5,026	3,854
Garfield	41	61	99	20	108	128	3,051	2,580	2,010
Grand	17	26	23	15	13 30	14 35	621	595	386
Gunnison	26	36	54	9	53	62	1,627	1,348	1,150
Hinsdale	4	5	7	3	6	9	139	108	95
Huerfano	51	87	75	21	129	150	7,033	4,912	2,980
Jackson	6	10	11	1	13	14	319	246	185
Kiowa	19	37	46	10	100	180	1 101	4,020	2,970
Kit Carson	84	110	146	31	124	155	3,340	2,877	2.274
Lake	8	22	21	8	36	44	1,594	1,003	826
La Plata	37	78	123	24	116	140	3,984	3,487	2,461
Las Animas	40	85 163	208	48	282	330	9,628	8,960	6,850
Lincoln	45	84	97	39	97	136	2,824	2,337	1,950
Logan	57	97	244	34	180	214	6,419	4,473	3,603
Mesa	35	69	64	42	206	248	7,578	6,788	5,213
Moffat	35	3 60	5 61		69	4 92	1.544	1,163	101
Montezuma	28	44	37	11	70	81	2,284	2,002	1,384
Montrose	26	34	104	12	91	103	3,854	2,992	2,114
Otoro	19	10	90	42	155	197	7 067	0,003	3,949
Ouray	$12^{11}$	49 15	59 16	40	178	223	517	381	4,977
Park	19	33	42	5	34	39	514	. 344	225
Phillips	38	41	39	11	53	64	1,809	1,337	1,035
Pitkin	15	15 71	16	28	23	26	622	434	326
Pueblo	47	115	89	72	494	566	20,077	15,369	11,393
Rio Blanco	19	†	32	10	37	47	865	658	521
Rio Grande	9	16	23	16	77	93	3,387	2,532	1,714
Routt*	42						1 001	1 410	050
San Juan	10	20	28	16	51	67 12	257	205	162
San Miguel	15	27	37	· 4	41	45	1,048	898	662
Sedgwick	24	28	97	10	48	58	1,834	1,441	1,051
Tollon	9	17	10	3	21	19	1 275	200	729
Washington	22	117	A12	20	120	140	3,311	2 298	1 869
Weld	135	230	383	117	560	677	20,143	18,278	13,316
Yuma	116	127	131	45	129	174	4,366	3,537	2,734
				1,554	7,775	9,329		245,603	182,413
Totals from									
County High Schools				131	189	320		5,493	4,696
Totals	2,032	3,317	4,636	1,685	7,964	9,649	303,481	251,096	187,109
			1						

\* No report for 1928. † No data.

#### 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.

	1	927	192	28
COUNTY	Receipts	Expenditures	Receipts	Expenditures
Adams Alamosa Arapahoe Archuleta	$\begin{array}{cccc} \$ & 602, 795.25 \\ & 339, 577.04 \\ & 384, 545.22 \\ & 64, 859.62 \end{array}$	\$ 478,774.81 316,573.58 344,601.87 50,121.05	\$ 522,282.59 243,043.03 427,941.34 66,227.64	\$ 424,776.99 208,100.01 383,057.84 54,533.42
Baca Bent Boulder	211,034.65 181,616.27 905,395.70	$\begin{array}{r} 163,464.83\\ 154,988.12\\ 777,987.97\end{array}$	207,898.71 179,154.37 898,856.48	$\begin{array}{r} 160,203.44\\ 145,019.87\\ 770,343.12\end{array}$
Chaffee Cheyenne Cheyenne Clear Creek Conejos Conejos Costilla Crowley Crowley Custer Custer Cost	$\begin{array}{r} 133,944.83\\ 162,997,95\\ 54,032.02\\ 184,950.27\\ 99,949.98\\ 207,804.60\\ 31,012.55\end{array}$	$\begin{array}{r}100,808.06\\123,146.41\\46,857.74\\156,575.61\\71,663.99\\173,400.39\\24,824.63\end{array}$	$\begin{array}{c} 169,362.74\\ 161,170.02\\ 52,927.79\\ 193,677.67\\ 87,969.22\\ 218,766.75\\ 29,042.02\\ \end{array}$	$\begin{array}{r} 141,784.32\\ 115,356.67\\ 46,552.74\\ 164,043.09\\ 74,519.59\\ 183,091.51\\ 23,764.58\end{array}$
Delta Denver Dolores Douglas Eagle	$\begin{array}{r} 401,556.16\\ 6,239,097.31\\ 41,059.61\\ 96,077.84\\ 107,894.48\\ 000,000,000\\ 000,000\\ 000,000\\ 000,000\\ 000,000\\ 000,000\\ 0$	334,845.20 6,265,416.98 28,322.14 78,346.40 81,694.10	$\begin{array}{r} 435,426.07\\ 6,782,026.45\\ 38,034.89\\ 96,306.98\\ 117,709.82\\ 000.024.14\end{array}$	$\begin{array}{r} 338,017.08\\7,062,036.96\\23,096.41\\77,620.74\\80,871.56\\102,64.01\end{array}$
El Paso	1,430,904.90	1,323,823.80	1,518,307.48	1,414,937.93
Garfield Gilpin Grand	515,876.34 213,618.69 25,315.62 46,282.27	428,315.81 177,929.97 16,620.43 38,603.76	$\begin{array}{r} 553,842.01\\ 231,035.44\\ 28,470.67\\ 53,444.32\\ 148,984.01\end{array}$	199,653.49 19,778.72 40,685.52
Gunnison Hinsdale Huerfano	139,911.49 12,605.36 391,174.26	123,124.28 10,686.18 307,577.09	$\begin{array}{r}142,084.01\\11,463.80\\398,029.32\end{array}$	9,600.42 300,974.30
Jackson	30,053.01 402,901.09	20,720.73 348,632.78	$30,743.44 \\ 464,662.83$	$24,971.39 \\ 404,664.33$
Kiowa Kit Carson	197,445.82 359,444.84	116,109.60 281,414.86	$201,726.66 \\ 375,939.15$	$\begin{array}{r} 148,744.85\\ 310,294.22\end{array}$
Lake La Plata Larimer Las Animas Lincoln	$\begin{array}{r} 99,068.68\\ 268,378.70\\ 930,929.21\\ 831,108.96\\ 297,133.88\\ 495,229.01\end{array}$	$\begin{array}{r} 89,994.06\\ 241,734.12\\ 789,514.26\\ 725,538.94\\ 265,025.21\\ 392,728.83\end{array}$	$\begin{array}{r}98,412.15\\287,488.40\\1,008,945.61\\813,154.62\\360,489.97\\550,344.81\end{array}$	$\begin{array}{r} 87,079.95\\ 267,020.09\\ 859,257.04\\ 684,470.30\\ 298,090.85\\ 451,385.36\end{array}$
Mesa Mineral Moffat Montezuma Montrose Morgan	$559,931.51\\16,918.50\\131,145.80\\186,862.87\\241,068.49\\554.563.18$	515,539.00 7,793.86 106,956.45 152,854.49 195,478.65 479,775.74	565,526,52 17,284.01 126,817.20 209,512.66 241,807.85 583,554.71	$511,625.81 \\7,014.57 \\103,955.63 \\164,889.44 \\206,760.96 \\504,481.43$
Otero Ouray	619,665.79 34,864.53	549,737.57 26,284.88	653,083.70 37,356.63	580,391.47 27,922.74
Park Phillips Pitkin Prowers Pueblo	$\begin{array}{r} 60,288.67\\ 136,968.33\\ 43,861.22\\ 449,143.25\\ 1,962,113.36\end{array}$	$\begin{array}{r} 46,575.66\\ 107,033.25\\ 35,276.41\\ 406,055.63\\ 1,761,327.39\end{array}$	$\begin{array}{r} 61,195.41\\ 136,715.89\\ 45,108.34\\ 452,314.29\\ 1,680,837.93\end{array}$	$\begin{array}{r} 47,455.31\\ 105,617.55\\ 35,168.21\\ 417,076.20\\ 1,532,354.37\end{array}$
Rio Blanco Rio Grande Routt	64,385.45 341,191.12 256,302.91	51,042.94 270,522.59 215.278.01	91,959.93 312,995.04	73,382.17 263,098.78
Saguache San Juan San Miguel Sedgwick	$\begin{array}{r} 207,896.46\\ 36,928.37\\ 109,038.52\\ 132,814.44\\ 48,682.59\end{array}$	$180,882.25 \\30,014.50 \\79,609.17 \\109,759.32 \\36,634,74$	$192,954.87\\39,578.69\\108,504.37\\148,728.47\\54,389.37$	$161,222.66\ 35,331.91\ 78,041.83\ 115,191.34\ 40,690.43$
Teller Washington	$\begin{array}{c} 112,161.10\\ 289,416.70\\ 2,316.276.31\end{array}$	90,642.39 215,614.02 1,977,067.09	$106,983.93 \\313,527.84 \\2,460,644.30$	$\begin{array}{r} 82,591.21\\ 224,309.10\\ 2,149,413.17\end{array}$
Yuma	298,571.30	246,182.25	317,223.08	255,883.06
Totals from County High	\$26,558,104.51	\$23,548,232.31	\$27,254,038.44	\$24,486,141.30
Schools	\$27,650,273.86	\$24,518,449.72	\$28,356,121,37	\$25,410,667,61
100010	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,,

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

	1925		1926		1927		1928	
COUNTY	Based on Enroll- ment	Based on Average Attend- ance	Based on Enroll- ment	Based on Average Attend- ance	Based on Enroll- ment	Based on Average Attend- ance	Based on Enroll- ment	Based on Average Attend- ance
Adams Alamosa Arapahoe Archuleta		117.96 142.17 102.42 135.66	\$ 78.89 73.90 83.53 80.60	\$110.62 114.08 110.30 110.74	\$ 99.04 150.46 79.27 53.72	\$151.37 220.76 103.67 81.10	\$ 88.49 93.53 83.00 56.45	\$127.64 133.91 109.32 82.75
Baca Bent Boulder	$70.02 \\ 78.14 \\ 93.27$	$\begin{array}{r} 96.24 \\ 124.69 \\ 119.54 \end{array}$	71.84 82.59 128.18	$\begin{array}{c} 101.53 \\ 115.73 \\ 157.71 \end{array}$	70.24 91.11 98.44	$97.71 \\ 124.88 \\ 124.25$	62.63 82.58 96.69	$93.63 \\ 95.15 \\ 124.45$
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley Custer	$\begin{array}{r} 72.81 \\ 153.31 \\ 103.15 \\ 46.17 \\ 36.90 \\ 88.36 \\ 65.16 \end{array}$	$\begin{array}{r} 89.38 \\ 188.35 \\ 116.30 \\ 69.70 \\ 57.94 \\ 123.62 \\ 89.67 \end{array}$	73.20 183.39 97.81 55.25 49.20 96.29 84.34	95.07 217.46 128.73 79.40 82.36 105.37 130.08	$\begin{array}{r} 64.46\\ 130.04\\ 101.20\\ 55.09\\ 51.97\\ 89.20\\ 75.23\end{array}$	$\begin{array}{r} 79.18\\ 193.02\\ 128.73\\ 80.04\\ 81.34\\ 132.16\\ 111.32\end{array}$	$\begin{array}{r} 89.79 \\ 147.51 \\ 100.98 \\ 55.41 \\ 60.34 \\ 102.55 \\ 65.11 \end{array}$	112.87192.58125.8279.2985.56142.9393.19
Delta Denver Dolores Douglas	72.28 145.74 109.60	98.62 203.40 141.59	108.43 139.58 102.25	166.07 200.86 146.90	$79.57 \\ 105.15 \\ 79.33 \\ 98.92$	110.44 146.27 102.99 137.44	75.93 119.72 54.47 102.81	$107.92 \\ 157.20 \\ 76.98 \\ 145.36$
Eagle Elbert El Paso	103.39 93.67 150.69	134.48 120.19 199.01	116.55 92.67 125.35	159.43 118.17 164.28	97.95 100.32 122.56	$135.70 \\ 120.75 \\ 162.43 \\ 100 \\ 1$	92.96 110.53 130.32	$131.28 \\ 139.30 \\ 182.48$
Fremont Garfield Gilpin Grand Gunnison	77.14 85.78 102.19 61.08 86.29	$104.27 \\ 122.32 \\ 138.91 \\ 95.73 \\ 108.95$	78.14 99.02 97.68 71.18 100.05	$103.86 \\ 131.38 \\ 136.16 \\ 95.52 \\ 125.91$	$81.80 \\71.57 \\78.77 \\69.81 \\93.34$	$103.78 \\98.04 \\124.04 \\97.47 \\118.05$	89.11 77.38 112.38 68.38 91.51	$116.21 \\99.33 \\163.45 \\105.40 \\107.27$
Hinsdale Huerfano Jackson	145.64 67.28	182.49 77.53 140 54	100.47 87.19 99.85	138.29 109.29 131.76	84.14 67.26 94.19	$106.86 \\ 101.96 \\ 128.70$	88.89 61.27	101.05 100.99 124.08
Jefferson Kiowa	70.03 132.84	92.45 165.09	77.68 147.36	99.89 177.64	74.46 102.84	99.22 131.32	83.87 139.40	135.97 180.51
Lake La Plata Larimer Las Animas Lincoln Logan	119.98 85.60 96.02 102.32 64.68 97.17 104.85	$131.95 \\104.62 \\150.91 \\133.10 \\101.07 \\129.32 \\169.69$	76.92 81.63 105.00 70.68 89.24 126.37	$\begin{array}{r} 132.59\\ 94.61\\ 115.31\\ 132.32\\ 97.71\\ 111.36\\ 158.11\end{array}$		$133.05 \\106.19 \\104.43 \\158.69 \\85.90 \\132.72 \\114.68$	107.85     86.81     76.58     95.89     66.83     127.55     100.91	$136.45 \\ 105.42 \\ 108.50 \\ 125.44 \\ 93.14 \\ 152.87 \\ 125.28 \\$
Mesa Mineral Moffat Montezuma Montrose Morgan	64.30 88.67 93.37 67.09 100.37 90.91	$\begin{array}{r} 86.31 \\ 106.74 \\ 115.26 \\ 95.58 \\ 133.80 \\ 118.36 \end{array}$	$110.63 \\ 99.88 \\ 86.00 \\ 64.91 \\ 84.46 \\ 134.67$	$145.98 \\ 110.58 \\ 104.05 \\ 95.45 \\ 115.75 \\ 181.99$	$75.78 \\ 68.98 \\ 91.34 \\ 77.24 \\ 65.95 \\ 82.98$	99.88 77.94 124.93 105.78 90.21 120.52	$\begin{array}{c} 75.38 \\ 65.56 \\ 89.38 \\ 82.36 \\ 69.10 \\ 90.04 \end{array}$	$\begin{array}{r} 98.14\\ 69.45\\ 124.65\\ 119.13\\ 97.81\\ 127.75\end{array}$
Otero Ouray	$87.16 \\ 61.55$	$\begin{array}{r} 116.67 \\ 75.41 \end{array}$	$\begin{array}{r} 82.48\\ 94.16\end{array}$	$\begin{array}{c} 163.21\\ 109.90 \end{array}$	$\begin{array}{c} 89.60\\ 60.43\end{array}$	$\begin{array}{c} 116.07\\ 68.26 \end{array}$	86.33 73.29	$\begin{array}{c} 116.61\\95.29 \end{array}$
Park Phillips Pitkin Prowers Pueblo	$ \begin{array}{r} 111.21\\ 101.05\\ 84.37\\ 93.54\\ 92.00\\ \end{array} $	$197.15 \\131.51 \\93.63 \\125.69 \\129.06$	$137.54 \\88.94 \\95.24 \\98.72 \\94.60$	201.29 118.13 119.05 125.31 131.10	$ \begin{array}{r}145.55\\79.05\\78.17\\107.34\\115.28\end{array} $	$\begin{array}{c} 224.96 \\ 101.75 \\ 98.54 \\ 149.95 \\ 161.53 \end{array}$	$     \begin{array}{r}       137.95 \\       78.99 \\       81.03 \\       112.44 \\       99.71 \\     \end{array} $	$\begin{array}{c} 210.91 \\ 102.04 \\ 108.31 \\ 145.42 \\ 134.49 \end{array}$
Rio Blanco Rio Grande Routt	$138.57 \\ 96.22 \\ 108.89$	$\begin{array}{r} 212.27 \\ 142.94 \\ 156.37 \end{array}$	$\frac{100.95}{119.03}\\92.16$	$\begin{array}{c} 136.79 \\ 162.17 \\ 124.97 \end{array}$	86.67 112.10 86.78	$\begin{array}{c} 112.18 \\ 157.65 \\ 125.38 \end{array}$	111.52 103.91	140.85 153.50
Saguache San Juan San Miguel Sedgwick Summit	$120.78 \\ 119.70 \\ 93.33 \\ 97.86 \\ 164.52$	170.27 146.96 125.48 157.98 221.97	$137.32 \\137.11 \\90.15 \\89.16 \\115.23$	203.00 168.27 115.00 278.97 181.34	$\begin{array}{c} 129.66\\ 139.57\\ 77.75\\ 73.90\\ 122.10\end{array}$	$185.52 \\ 173.49 \\ 97.68 \\ 126.33 \\ 171.99$	$113.70 \\ 172.35 \\ 86.91 \\ 79.94 \\ 143.78$	$169.71 \\218.09 \\117.89 \\109.60 \\180.84$
Teller	97.64	118.36	85.02	121.72	93.45	117.26	98.08	105.62
Weld Yuma	91.13 106.08 81.50	110.19 146.41 108.06	97.05 99.68 87.06	122.43 133.20 107.99	92.37 111.70 70.16	119.52 154.39 88.02	97.62 117.59 72.34	120.02 161.41 93.59
State Co. High Schools	\$104.74	\$143.53	\$107.51	\$183.51	\$ 95.67 177.37	\$133.93 207.18	\$ 99.69 168.31	\$134.24
Total	\$104.74	\$143.53	\$107.51	\$183.51	\$ 97.44	\$135.83	\$101.10	\$135.82

#### AVERAGE MONTHLY SALARIES OF TEACHERS IN PUBLIC SCHOOLS, 1928

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 Alamosa Arapahoe Archuleta		\$120.88 117.77 135.74 112.50	\$139.37 106.36 135.00	\$130.23 123.22 126.00	\$110.00 110.00 155.55 108.33	\$104.20 118.29 111.36 110.00	\$117.70 183.33 158.53 133.33	\$105.05 134.35 108.82 110.00
Baca Bent Boulder	$158.75 \\ 139.38 \\ 178.00$	$\begin{array}{c} 142.36 \\ 121.74 \\ 132.00 \end{array}$	116.67 139.00	$\begin{array}{c} 121.00 \\ 114.15 \\ 132.50 \end{array}$	$\begin{array}{c} 115.93 \\ 116.88 \\ 112.50 \end{array}$	$112.40 \\ 108.18 \\ 110.75$	$\begin{array}{c} 118.00 \\ 155.56 \\ 133.33 \end{array}$	116.60 110.00 108.80
Chaffee Cheyenne Clear Creek Constilla Crowley Custer	$\begin{array}{c} 151.20\\ 156.37\\ 198.61\\ 199.00\\ 175.00\\ 125.76\\ 154.17\end{array}$	123.95 112.50 150.00 140.47 101.22 154.17	150.00 148.15 150.00 109.16	$   \begin{array}{r}     110.42 \\     111.00 \\     \hline     135.00 \\     \hline     83.53 \\     111.10 \\   \end{array} $	$     \begin{array}{r}       100.00 \\       150.00 \\       104.15 \\       90.00 \\       88.33 \\       112.50     \end{array} $	$102.75 \\92.91 \\101.75 \\95.22 \\100.55 \\94.79 \\88.33$	154.00 100.00 117.66 106.66 100.00	105.50 110.00 116.68 96.13 100.00 100.00
Delta Denver Dolores Douglas	157.70 210.09	111.12 214.83 	133.33 177.71 	106.66 194.88	91.66	$91.47 \\ 148.75 \\ 100.00 \\ 101.66$	$135.41 \\ 172.89 \\ 125.00 \\ 133.00$	86.38 180.53 100.00 98.25
Eagle Elbert El Paso	$\frac{186.95}{200.65}\\207.64$	$110.90 \\ 150.00 \\ 166.62$	231.55	137.50 186.30	90.00 97.50 145.20	$104.77 \\92.80 \\123.94$	160.00 147.22 179.37	117.55 113.00 138.10
Fremont Garfield Gilpin Grand	214.12 164.90 169.16	142.50 140.70	184.16 116.10 150.00	123.16 108.00	$118.95 \\ 107.50 \\ 110.00 \\ 125.00 \\ 170.00 \\ 1$	$105.72 \\ 109.33 \\ 114.15 \\ 98.54 \\ 111.20 \\ 10$	162.64 135.30 104.16	118.51 108.05 113.10
Hinsdale Huerfano	175.00				116.75	100.00 100.30	181.95 125.00 184.80	125.00 128.20
Jackson Jefferson	175.66	120.25	138.75	119.60	108.35	125.83 102.97	150.00 165.45	100.00
KiowaKit Carson	194.96 191.79 192.65	$141.39 \\ 149.19 \\ 160.18$	100.00	130.81	$133.33 \\ 105.45$	$ \begin{array}{r} 122.36\\ 101.42\\ 105.19 \end{array} $	$ \begin{array}{c c} 124.75 \\ 123.70 \\ 157.90 \end{array} $	116.92 125.47 128.56
La Plata Larimer Las Animas Lincoln Logan	170.68 251.00 153.97 185.70 174.40	$135.56 \\ 160.92 \\ 128.87 \\ 144.58 \\ 120.60$	$165.26 \\181.69 \\126.98 \\134.00 \\134.38$	$144.00 \\ 148.20 \\ 108.80 \\ 145.00 \\ 112.56$	$ \begin{array}{r} 111.75\\95.00\\125.11\\105.00\\105.00\end{array} $	115.00 104.35 109.33 105.67 96.03	$157.12 \\ 167.36 \\ 160.60 \\ 124.99 \\ 125.35$	$ \begin{array}{c} 115.55\\ 153.12\\ 132.14\\ 116.62\\ 107.20\\ \end{array} $
Mesa Mineral Moffat Montezuma Montrose	168.65 150.00 212.50 157.00	153.35 130.00 130.00 115.00	177.00	166.00  94.60	$ \begin{array}{r} 139.58\\100.00\\100.00\\123.75\\129.58\end{array} $	97.87 107.27 114.37 109.36	190.74 130.00 146.66 153.69	$\begin{array}{c c} 116.11\\ 100.00\\ 114.37\\ 115.00\\ 118.05\end{array}$
Morgan Otero Ouray	164.25 178.80 175.00	$125.13 \\ 145.45 \\ 125.00$	136.11 164.80	117.43 144.44 	80.20 100.00 90.00	80.80 102.60 90.00	126.12 151.15 150.00	115.00 116.45 108.50
Park Phillips Pitkin Prowers Pueblo Rio Blanco Bis Grand	$\begin{array}{c} 200.00\\ 188.88\\ 164.00\\ 148.89\\ 201.25\\ 126.16\\ 162.02\\ \end{array}$	$155.00 \\ 153.53 \\ 122.00 \\ 132.14 \\ 146.92 \\ 125.00 \\ 121.05 \\ 1$	131.25 168.05	119.00 119.63 140.70	136.66 108.33 134.00 110.41 122.10	$     \begin{array}{r}       105.94 \\       96.24 \\       96.15 \\       113.29 \\       107.10 \\       95.00 \\       102.00 \\     \end{array} $	136.02 170.00 142.83 141.66	108.59 100.00 109.72 132.00
Rio Grande Routt Saguache	192.98	131.25	107.50	133.00	130.00	100.00	114.16	110.90
San Juan San Miguel Sedgwick Summit Teller	145.83 195.84 164.30 181.50	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		165.00	125.00	$ \begin{array}{r} 110.00\\ 101.44\\ 105.20\\ 117.50\\ 100.27 \end{array} $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	111.25 111.11 106.93 130.00
Washington Weld Yuma	208.65	157.62	158.30	138.56	107.86 112.26 108.44	106.87 111.97 101.98	156.90 168.50 135.33	125.45 128.60 109.22
Average	\$176.80	\$135.35	\$147.88	\$128.54	\$115.50	\$105.84	\$142.15	\$115.50
Co. High Schools State Average	181.66 \$179.23	131.70 \$133.55	\$147.88	\$128.54	\$115.50	\$105.84	\$142.15	\$115.50



Costilla County-School District (1928), \$82,600; County total, \$82,600. Kiowa County-School District, \$122,800; County total, \$194,800. Morgan County-Municipal (General), \$415,000; total Municipal, \$763,000; County total, \$1,563,400. State Totals-(Including above)-School District, \$30.369,105; General Municipal, \$43,094,900; total Municipal, \$63,803.155. Grand Total for State-\$97,219,076.

# OUTSTANDING COUNTY, SCHOOL DISTRICT AND MUNICIPAL BONDS, BY COUNTIES, JANUARY 1, 1929

			<b>a</b> 1 1		Municipal		
COUNTY	General	School	District	General	Special	Total	Bonds
Adams			\$ 540,200	\$ 518,650	\$ 220,500	\$ 739,150	\$ 1,279,350
Alamosa	\$ 49,000		272,537	176,000	702 500	176,000	497,537
Arapanoe			90,800	17,500		17,500	108,300
Baca	20,000		115,650	96,000		96,000	231,650
Bent		\$ 17,000	70,500	000 500	60,000	60,000	147,500
Chaffee	150.000		124,800	145 000	8 100	1,099,100	2,423,900
Cheyenne		100,000	157,500	82,000		82,000	339,500
Clear Creek	10.000		070 000	29,500		29,500	29,50
Costilla	19,800		273,028 İ	89,900		89,900	304,140
Crowley			475,000	96,000		96,000	571,000
Dolta	10,000	23,000	8,500 276 150	519 700	78.000	500 700	31,500
Denver	16,000		10,115,000	22,073,600	9,565,700	31,639,300	41,754,300
Dolores	80,000		19,000	2,500		2,500	101,500
Eagle			37 300	30,000	4 000	61,000	61,000
Elbert			140,200	57,100		57,000	197,300
El Paso			1,668,500	†4,092,000	364,100	4,456,100	6,124,600
Fremont			530,700	639,000	400,800	1,039,800	1,570,500
Gilpin	212,500	30,000	384,120	79,500	30,000	79,500	79,500
Grand			25,000	29,000		29,000	54,000
Gunnison	168,000	150,000	248,000	158,800	32,000	190,800	756,800
Huerfano	2.000	115,116	90,424	381,500	364,000	745,500	953,040
Jackson	9,000			15,000		15,000	24,000
Jefferson			569,100	308,000	309,715	617,715	1,186,815
Kiowa			324,111	394,500	49.300	443,800	72,000
Lake							
La Plata	70,000		258,500	214,200	152,600	366,800	695,300
Las Animas	175,000		454,100	1,275,200	736,500	2,963,510	2,465,800
Lincoln	90,000		277,300	152,700	32,500	185,200	552,500
Logan	17,000	68,000	554,900	805,700		1,121,700	1,761,600
Mineral	150,000			15,000		15,000	15,000
Moffat	36,000		85,300	59,000	9,000	68,000	189,300
Montrose	162.500	38,000	202.100	305,700	34,700	340,400	743.000
Morgan			800,400	431,000	348,000	779,000	1,579,400
Otero	78.000		679,400	860,600		1,127,600	1,807,000
Park	18,000		20.000	3,000	1,100	4,100	20 000
Phillips	32,000	60,000	222,400	220,000	76,000	296,000	610,400
Pitkin	150,000		600 377 100		106 500	74,700	225,300
Pueblo	75,000		1,636,300	635,000	3,631,000	4,266,000	5,977,300
Rio Blanco		75,000	49,900	46,200		46,200	171,100
Rio Grande		95,000	409,465	92,400	30,000	122,400	642,865
Saguache			*184,000	51,000		51,000	235,000
San Juan	52,000		44,000				96,000
San Miguel	13,800	213,000	231,500	290,000	13.000	303,000	53,600
Summit			35,000	17,000		17,000	- 52,000
Teller			100.000	374,600	F0. F02	374,600	374,600
Washington			2,774,400	1,150,000	245.550	1,395,550	390,300
Yuma			425,170	268,500	87,300	355,800	780,970
State	\$2,062,700	\$ 984 116	\$30,163,705	\$43,110,900	\$20,708 255	\$63,819,155	8897 020 676
	1 44,004,100	1	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,10,110,000	1 += 0,100,200	\$00,010,100	3451,045,010

Note.—In addition to the bonds shown here, the total of state bonds outstanding on January 1, 1929, was \$10,753,400. The total amount outstanding against the Moffat Tunnel district, including the counties mentioned in the chapter under that heading in this volume, was \$15,470,000. Bonds out-standing against municipal irrigation and drainage districts are not shown here. This table makes no allowance for sinking funds. \*Includes \$127,000 outstanding bonds of Joint District No. 26, as the district lies mostly in

Anchades (12,000 Catalands) from earnings of light plant as follows: Colorado Springs, \$697,000; thrcludes bonds payable only from earnings of light plant as follows: Colorado Springs, \$697,000; Loveland, \$205,000. These are general obligations but do not constitute a burden on property. the interval of the second secon

### **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 \$112,000,000 was expended for this purpose by all agencies in the state from 1910 to 1928, 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 1929 had 68,304 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, 9,120 miles comprise what is known as state highways and 59,184 miles are county roads. The state, including state and county projects, has a total of 348 miles of paved highway, 6,588 miles surfaced with gravel or sand clay, and 8,232 miles graded, the remainder being classed as 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 engineerng 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 L. D. Blauvelt

#### ADVISORY BOARD

Dist.

1	Peter Seerie, Vice ChairmanDenver
2	William WeiserGrand Junction
3	B. B. Allen, ChairmanSilverton
4	E. G. MiddlekampPueblo
5	Jefferson H. DavisColorado Springs
5	L. C. Moore
(	Frank H. BlairSterling

#### GENERAL OFFICE

O. T. ReedySenior	Assistant Engineer
J. E. Maloney	.Assistant Engineer
Robt. H. HigginsS	Supt. of Maintenance
Paul Bailey	Bridge Engineer
Roy Randall	Office Engineer
John Marshall	Chief Draftsman
Edwin Mitchell	Auditor
Roy F. Smith	Chief Clerk

#### DIVISION ENGINEERS

Denver

Div. 1 E. E. Montgomery... 2 J. J. Vandermoer.....

$2^{-}$	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

#### ASSISTANT SUPERINTENDENTS OF MAINTENANCE

Div.

L	John StammDenver
2	George ToupainGrand Junction
3	D. Kirk ShawDurango
1	D. N. StewartPueblo
5	Robert E. NorvellLimon
6	J. O. Francisco Steamboat Springs
7	John P. DonovanAt Large

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 1928 a total of \$647,254. 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 11 counties which have no federal aid roads. In these 11 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 1928 as reported by the different agencies was approximately \$12,402,418. A table published herewith shows that total expenditures by counties was \$5,939,162, and by the state highway department \$5,-916,002, which, with disbursements for road purposes by the forest service of \$647,254, gives a total of \$12,502,418. The report on expenditures by counties is, however, incomplete as nine counties failed to supply information for 1928 and figures for 1926 were substituted. Part of the county expenditures were made out of state funds. After eliminating the items that cover the same operations, the expenditures were as follows:

By counties\$	5,839,162
By state highway department	5,916,002
By forest service	647,254
Total	2,402,418

The total of \$12,502,418 for 1928 disbursements, before eliminating duplicate items, compares with \$10,248,179 in 1926, and \$11,538,804 for 1925. These figures do not include street and road construction in cities and towns.

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 improve-		
ment	. 70,600	69,200
County aid & misc.	. 109,200	62,276
Total	\$3,831,134	\$5,315,227

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 \$100,000 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 equip-		
ment and repairs		486,951
Property and equip-		
ment	24,756	28,935
Surveys	15,824	31,119
Road signs and traffic		
census	30,532	6,755
Administration	101,593	115,394
Compensation insur-		
ance	19,784	13,030
Total\$4	,164,804	\$5,916,002
Status of highway d	lepartm	ent funds
for 1928 was as follo	ws:	

Balance first of year Receipts	.\$1,340,614 . 5,315,227
Total Disbursements	.\$6,655,841
Balance end of year	. \$ 739,839

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
Improved dirt road	. 8,051
Unimproved dirt road	.22,245
All other, including not reported	. 1,898
Total	58 026

There is published herewith a chart showing the division of the dollar as expended by the state highway department in 1928, 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 1928.



#### MOTOR VEHICLE LICENSES

The number of motor vehicles, including passenger cars, busses and trucks, for which licenses were issued in Colorado in 1928 was 284,867, compared with 268,492 in 1927, and 253,213 in 1926. The figures for 1928 represent an increase of 6.1 per cent over 1927 and 12.5 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 1928, inclusive, there was an increase of 271,732, or 2,068.8 per cent.

Each year since the beginning of 1913 has shown an increase over the preceding year in the number of licenses issued. In 1928 there were 21.7 motor vehicles in the state for each one in 1913. There was one passenger car for each 4.11 persons in Colorado in 1928, which compares with 5.13 persons per car for the United States in 1927. 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 1926, when the peak was reached, was 4,731. Up to that year there had been an increase, but from 1916 on the number gradually decreased until there were only 1,234 licensed in 1928.

Registration fees have increased proportionately with the number of licenses issued. The total amount collected in 1928 was \$1,790,182. The total collected in 1913, the first year the present registration system was in effect, was \$60,833. The aggregate receipts in fees from 1913 to 1928, inclusive, was \$13,046,314.

A table published herewith shows motor vehicle registrations and fees collected by counties in 1928, and another table shows registrations and fees for the years 1913 to 1928, inclusive.

REGISTRATION	AND	RECEIPTS	BY	YEARS	SINCE	STATE	ASSUMED
		CONTROL	OF	LICENSI	NG		

3	TEAR	Passenger Cars	Trucks	Motor- cycles	Drivers	Total Receipts
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\begin{array}{c} 13,135\\ 17,756\\ 27,568\\ 43,296\\ 66,850\\ 83,244\\ 104,865\\ 119,964\\ 136,336\\ 151,499\\ 175,669\\ 197,361\\ 221,513\\ 222,308\\ 245,107\\ \bullet\bullet259,948 \end{array}$	* * * * 7,585 9,403 10,829 13,287 15,586 18,584 20,905 23,385 23,961	$\begin{array}{c} 2,753\\ 3,683\\ 4,268\\ 4,731\\ 4,505\\ 3,872\\ 3,636\\ 2,868\\ 2,770\\ 2,473\\ 2,226\\ 1,862\\ 1,362\\ 1,234\\ \end{array}$	$\begin{array}{c} 1,980\\ 2,058\\ 3,536\\ 6,754\\ 9,291\\ 9,686\\ 10,291\\ 9,814\\ 7,340\\ 7,058\\ 7,736\\ 7,559\\ 7,776\\ 7,162\\ 7,664\\ 7,977\\ \end{array}$	$\begin{array}{ccccc} \$ & 60,833.00 \\ & 80,047.00 \\ 120,800.84 \\ 197,794.75 \\ 297,292.21 \\ 372,490.25 \\ 491,713.36 \\ 815,100.10 \\ 906,059.27 \\ 991,677.22 \\ 1,126,218.55 \\ 1,258,204.80 \\ 1,430,299.47 \\ 1,507,379.19 \\ 1,600,221.73 \\ 1,790.182.73 \end{array}$
Tot	tal					\$13,046.314.47

\*Trucks included with passenger cars for these years. \*\*Does not include 958 busses, which in preceding years were listed under passenger cars. ٠

#### MOTOR VEHICLE REGISTRATION AND FEES COLLECTED, BY COUNTIES, 1928 (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	5,701	1,002	83	70	38	1,530	40	\$ 44,508.85
Alamosa	1,908	230	3	38	8	82	4	12,826.81
Arapahoe	6,545	549	21	87	39	1,594	89	40.778.74
Archuleta	456	52	0	3	1	101	12	2,727.66
Baca	1,892	271	9	11	9	382	0	12,675.53
Bent	1,932	156	0	19	2	366	9	11,730.81
Boulder	9,846	938	39	171	43	3,407	622	67,269.30
Chaffee Cheyenne Clear Creek Costilla Crowley Custer	$1,720 \\ 810 \\ 575 \\ 1,518 \\ 715 \\ 1,486 \\ 542$	$131 \\ 93 \\ 48 \\ 203 \\ 62 \\ 144 \\ 114$	0 1 3 0 6 0 0	45 11 9 16 0 21 0	3 0 1 1 2 4 0	259 101 108 147 84 422 89	1 14 9 0 0 6 3	$\begin{array}{r} 10,879.72\\ 5,160.47\\ 4,334.95\\ 10,128.58\\ 4,499.68\\ 9,329.50\\ 4,255.52\end{array}$
Delta	3,542	534	9	65	5	831	90	26,571.58
Denver	74,681	4,778	295	965	475	32,232	3,966	519,831.80
Dolores	242	43	0	0	0	43	0	1,977.54
Douglas	1,151	123	2	6 .	6	188	16	7,463.79
Eagle	781	106	2	$\begin{array}{c} 0\\ 23\\ 147\end{array}$	2 ·	108	2	5,373.21
Elbert	1,838	175	3		3	347	0	12,172.29
El Paso	14,011	922	85		71	2,912	5,039	97,271.17
Fremont	5,062	469	13	93	10	1,104	63	33,802.32
Garfield	2,237	235	7	49	7	370	16	15,806.86
Gilpin	230	18	0	0	0	36	0	1,362.71
Grand	660	96	2	15	1	80	14	4,130.72
Gunnison	1,156	56	2	15	6	165	13	6,441.06
Hinsdale	81 3,468	14 195	0 10	1 47.	0	0 564	1 14	609.73 21.232.02
Jackson	458	48	0 9	8	0	54	4	2,631.71
Jefferson	6,299	645		45	25	996	42	41,406.33
Kiowa	898	129	10	5	0	223	0	6,117.30
Kit Carson	2,519	396	0	28	5	426	21	17,901.64
Lake La Plata Larimer Las Animas Lincoln Logan	910 2,490 10,265 6,402 2,091 5,530	$11 \\ 209 \\ 949 \\ 470 \\ 364 \\ 830$	2 6 77 22 0 2	37 60 49 118 26 91	3 7 74 29 5 13	91 463 3,897 1,104 573 1,706	$4\\8\\112\\43\\4\\53$	5,212.84 17,147.98 71,620.29 41,414.47 15,286.96 40,533.30
Mesa Mineral Moffat Montezuma Montrose Morgan	6,316 155 1,202 1,545 2,582 5,333	574 20 120 181 297 763	6 0 1 4 29	104 1 30 27 45 91	30 0 2 4 4 20	1,361 14 175 392 422 1,369	70 2 25 0 29 25	$\begin{array}{r} 41,367.19\\ 1,157.27\\ 8,980.84\\ 10,834.85\\ 17,344.85\\ 38,760.13\end{array}$
Otero Ouray	5,837 402	507 $25$	$\frac{25}{2}$	99 0	43 1	1,422 57	55 2	38,751.62 2,245.70
Park	600	77	0	8	$\begin{array}{c}2\\2\\1\\3\\127\end{array}$	87	0	4,375.19
Phillips	2,022	422	4	30		450	2	16,137.68
Pitkin	305	15	0	1		28	1	1,641.50
Prowers	3,343	236	30	58		794	30	20,931.07
Pueblo	14,711	1,065	31	190		3,085	215	96,329.80
Rio Blanco	638	42	0	9	0	81	10	3,754.06
Rio Grande	2,550	470	0	52	7	270	9	19,680.37
Routt	1,990	176	1	45	5	371	23	11,556.89
Saguache	1,240	181	0	19	2	174	0	7,936.30
San Juan	224	11	1	3	0	46	0	1,458.19
San Miguel	646	54	3	11	4	89	3	4,235.26
Sedgwick	1,794	361	4	42	5	435	20	14,702.26
Summit	312	8	1	2	2	44	2	1,567.50
Teller	1,007	87	5	14	4	137	2	6,342.57
Washington	2,172	511	8	24	4	425	5	16,641.22
Weld	17,027	1,456	80	207	52	5,758	227	124,157.72
Yuma	3,347	579	0	35	9	480	7 11,098	24,866.96
Total	259,948	*24,046	+958	‡3,530	1,234	§75,151		\$1,790,182.73

\*Includes 85 trailer licenses. †In preceding years busses were included under "Owners." ‡Includes 65 truck dealers and 17 motorcycle dealers. §Includes 39,607 motor vehicle re-issues; 50 motorcycle reissues; 6,018 replacements; 27,282 special permits; and 2,194 special engine numbers.

(Supplied by U. S. Bureau of Fublic Roads)

 $\begin{array}{c} 119.502.79\\ 65.880.81\\ 105.411.12\\ 50.777.92\end{array}$ 88,385.7952,532.55 193,372.58  $\begin{array}{c} 46,740.64\\ 52,013.63\\ 63,310.85\\ 49,188.87\\ 32,200.36\\ 70,096.75\\ 24,071.71\end{array}$  $\begin{array}{c}1\,0\,4,5\,0\,8.5\,4\\4\,2,0\,5\,8.6\,9\\7\,3,0\,1\,3.4\,4\end{array}$  $\begin{array}{c} 91,481.48\\77,010.43\\203,134.66\end{array}$  $\begin{array}{c} 115,789.92\\ 10,000.00\\ 45,642.66\\ 85,754.99\end{array}$  $\frac{13,280.21}{81,076.74}$  $\begin{array}{c} 40,584.28\\ 188,688.93\end{array}$ 115,650.09109,047.1134,491.73 Totals S 2,478.429,470.47 $3,945.70 \\ 1,949.92 \\ 872.67$ 579.60704.02191.35 $\substack{2,506.95\\600.32\\500.00\\1,742.12}$ 9,760.23 675.07 l,752.71 59.00 14,713.12 9,955.46 7,862.44 Miscel-laneous • • • • • -Maintenance  $\begin{array}{c} 2,758.46\\ 18,344.44\\ 7,780.63\end{array}$ 5,095.7614,458.06 26,000.00 5,813.50  $19,016.24\\8,263.95\\15,540.31$ 2,397.8714,000.00 46.926.1912,919.94  $\begin{array}{c} 4,508.11\\ 6,786.46\\ 7,000.87\\ 4,080.99\end{array}$ 15,111.92 9,000.006,752.456,000.00 5,000.00 •••••• 8,142.18 State 60 Transfers to Road Fund 30,000.00 13,320.15 10,000.00 3,000.00 3,800.00 9,656.47 5,000.00 11,298.34• • • • • • • ..... 10 12,077.018,869.45111,952.509,025.9927,151.028,497.7613,714.65 $\begin{array}{c} 10,851.10\\ 14,769.62\\ 13,402.65\\ 13,934.95\\ 16,793.10\\ 7,712.05\\ 10,168.70\end{array}$ 12,710.888,289.0818,919.91 $\begin{array}{c} 14,908.69\\ 15,657.58\\ 31,087.56 \end{array}$ 15,778.1725,864.2015,464.9020,264.7224,279.5524,076.526,104.534,076.748,643.87 21,743.24 Gasoline Taxes 2,330.112,536.00 $\begin{array}{c} 20,025.08\\ 5,719.41\\ 18,143.59\\ 1,229.93\end{array}$ 5,300.235,268.5130,034.63 $\begin{array}{c} 7,357.02\\ 2,333.16\\ 2,001.39\\ 5,940.21\\ 2,087.11\\ 2,087.11\\ 3,719.08\\ 1,275.89\end{array}$  $\begin{array}{c} 9,052.43\\ 904.63\\ 3,419.31 \end{array}$  $\begin{array}{c}
2,472.08\\
12,172.29\\
42,802.75
\end{array}$ 250.028,000.00  $1,363.67\\8,504.88$ 2,769.828,124.5614,393.56 7,520.00 Motor Vehicle Fees \$ 18,371.7867,737.89 $\begin{array}{r} 4,520.60\\ 21,703.26\\ 22,000.00\\ 21,294.13\\ \end{array}$ 19,665.626,053.1856,022.257,904.54 29,906.02 5,064.73113,673.93 $\begin{array}{c} 93,652.65\\ 14,679.36\\ 64,075.03\\ 10,522.00\\ \end{array}$  $\begin{array}{c} 27,500.00\\ 32,966.50\\ 48,882.24 \end{array}$  $\begin{array}{c} 40,574.85\\ 43,180.56\\ 84,106.39\end{array}$ 12,492.7931,307.99County Road Taxes 906.57 45,000.0069,036.09 84.917.78 General \$  $-22,612.58^{\circ}$ 16,318.23 2,586.70  $\begin{array}{c} 16,996.86\\ 2,820.81\\ 18,405.94\\ 2,196.47\end{array}$ 7,579.6522,140.76 3,000.00701.41 $\begin{array}{c}
 6,906.74 \\
 9,760.76 \\
 2,583.00
 \end{array}$ 35,377.73  $\frac{4,061.79}{3,252.09}$ -17,908.35 2,946.1524,254.96 1,608.90 27,854.94 8,812.74 3,022.23 Balance on Hand Conejos Costilla Crowley<sup>a</sup> Custer<sup>a</sup> Adams ..... Arapahoe ..... Baca .....Bent ..... Boulder Chaffee ..... Garfield Gilpin Grand Alamosa ..... Douglas ..... Jefferson COUNTY Huerfano<sup>a</sup> Gunnison<sup>a</sup> Hinsdale Delta". Fremont Jackson

\$5,981,109.67	\$226,044.91	\$744,533.49	\$195,929.38	\$1,023,267.55	\$541,305.97	\$2,790,668.39	\$543,210.16	State
152,139.04	2,760.18	22,993.89		28,623.14	11,280.91	52,091.98	34,388.94	Yuma <sup>a</sup>
$111,025.00\\607,196.02$	41,485.05	.34,932.44	88,000.00	$\begin{array}{c} 30,000.00\\ 37,521.91 \end{array}$	8,025.00 49,057.16	$\begin{array}{c} 73,000.00\\ 313,029.73\end{array}$	43,169.73	Washington <sup>a</sup>
30,607.73	606.74	11,898.90		12,962.47	2,903.85	2,235.77	•••••••••••••••••••••••••••••••••••••••	Teller
74,465.86 21,406.78 71,755.67 64,278.23 23,359.07	426.68 629.60 	19,035.96 5,000.00 20,870.00 1,848.55		$19,986,41\\4,798,45\\16,589,65\\7,744,22\\8,553,81$	$\begin{array}{c} 3,626.90\\ 452.07\\ 1,935.39\\ 6,845.33\\ 689.14\end{array}$	31,389.91 5,126.09 32,360.64 48,611.49 10,414.99	5,400.57 -1,404.16° 1,829.34	Saguache
$\begin{array}{c} 73,236.19\\ 53,851.10\\ 100,213.15\end{array}$	$\begin{array}{c} 4,505.17\\ 2,705.73\\ 5,212.95\end{array}$	$11,648.31\\7,464.24\\15,772.61$		23,929.74 9,993.26 19,685.06	2,216.09 8,964.24 5,124.51	$11,770.04\\24,621.06\\40,024.12$	$19,166.84\\102.57\\14,393.90$	Rio Blanco Rio Grande Routt
53,555.93 49,887.41 42,061.80 71,382.10 206,045.81	$\begin{array}{c} 7,031.00\\ 3,934.39\\ 1,539.49\\ 2,246.20\\ \end{array}$	6,631.15 8,779.47 3,961.98 25,000.00		$\begin{array}{c} 26,705.14\\ 10,017.13\\ 10,213.51\\ 22,409.40\\ 30,000.00 \end{array}$	$\begin{array}{c} 1,899.79\\ 6,631.14\\ 737.36\\ 9,342.78\\ 40,000.00\end{array}$	$\begin{array}{c} 17,920.00\\ 22,037.70\\ 10,912.36\\ 26,390.49\\ 108,799.61\end{array}$	$\begin{array}{c} 4,570.29\\7,484.71\\7,737.96\end{array}$	Park Phillips <sup>a</sup> Pritkin Pueblo
102,567.21 32,562.79	2,094.09 2,399.31	9,000.00	· · · · · · · · ·	10,177.53 5,296.20	17,634.36 839.60	66,111.13 12,703.95	6,550.10 2,323.73	Otero
$\begin{array}{c} 173,000,00\\ 40,085,73\\ 87,000,00\\ 93,630,50\\ 93,964,48\\ 93,964,48\\ 127,408,31\end{array}$	$\begin{array}{c} 9,440.45\\ 15,000.00\\ 9,033.32\\ 4,543.85\\ 10,263.00\end{array}$	25,000.00 6,000.00 3,168.50 75,219.20		$\begin{array}{c} 23,000.00\\ 7,779.13\\ 22,000.00\\ 18,871.57\\ 27,336.51\\ 14,416.88\end{array}$	$\begin{array}{c} 25,000.00\\ 687.64\\ 4,000.00\\ 5,096.47\\ 7,833.50\\ 17,383.05\end{array}$	100,000.00 4,492.90 20,000.00 41,694.83 47,257.31	11,685.61 26,000.00 15,765.81 6,993.31 10,126.18	Mesa Mineral Moffat Montrose Morgan
$\begin{array}{c} 31,025,72\\ 121,267,74\\ 245,573,78\\ 249,834,75\\ 114,512,26\\ 117,509,25\\ 117,509,25\end{array}$	10,289.70  3,015.89 1,679.30	9,007.81 83,127.00b 44,446.84 12,222.99 9,805.29	21,854.42 	8,659.99 11,660.82 28,548.89 39,966.26 19,029.78	2,365.73 7,935.05 19,393.32 19,54.50 19,549.74	$\begin{array}{c} 20,000.00\\ 53,726.61\\ 162,446.78\\ 113,832.41\\ 52,502.62\\ 67,445.14\end{array}$	6,793.33 43,613.29	Lake La Plata Larmer Las Animas. Lincoln Logan

VINTU	Constru	iction	Mainter	nance	Adminis- tration	Bond In- terest and	Miscel-	Total Disburse-	To State	Balance End of	Total
ITN	Roads	Bridges	Roads	Bridges	Overhead ]	Redemp. Fnd	laneous	ments		Year	
sa hoe		\$ 2,343.49	\$ 95,336.22 45,065.04 90,748.24 26,378.75	\$ 18,321.49 5,000.00 10,083.14 3,000.00	\$ 333.65		\$ 4,915.16 794.98	\$ 121,250.01 50,860.02 100,831.38 29,378.75	**************************************	$-{}^{c}$ \$1,747.22 15,020.79 4,579.74 5,139.30	\$ 119,502.79 65,880.81 105,411.12 50,777.92
r	\$ 20,246.55 	3,706.07 10,500.00	21,347.50 49,532.55 218,518.69	3,829.62 3,000.00 3,000.00	4,500.00	b686.36	20,279.14	49,129.74 52,532.55 265,484.19	9,000.00	30,256.05 c_72,111.61	88,385.79 52,532.55 193,372.58
e	8,500.00 8,500.00 56,567,84 7,730.00	3,020.00 	30,659,54 35,212,54 40,380,50 44,467,62 29,200,36 9,086,03 13,990,60	2,000.00 4,000.00 3,000.00 3,000.00 3,000.00	1,000.00			30,659.54 49,732.54 44,380.50 44,380.50 32,200.36 69,758.56 69,758.56 25,872.75		16,081.10 2,281.09 18,930.35 1,721.25 	46,740.64 52,013.63 52,013.63 63,1188.87 49,188.87 32,200.36 70,096.75 24,071.71
20 20 20 20 20 20 20 20 20 20 20 20 20 2	8,000.00	16,340.57	$\begin{array}{c} 78,562.03\\ 36,995.62\\ 52,473.98\end{array}$	4,435.43	564.14		3,946.87	90,997.46 37,559.76 72,761.42		$13,511.08\\4,498.93\\252.02$	$\begin{array}{c} 104,508.54\\ 42,058.69\\ 73,013.44\end{array}$
09	6,000.00 119,156.15		$\begin{array}{c} 79,559.41\\ 65,610.43\\ 68,512.57\end{array}$	8,000.00	2,400.00 10,886.95		3,000.00	87,559.41 77,010.43 198,555.67		3,922.07 4,578.99	$\begin{array}{c} 91,481.48\\77,010.43\\203,134.66\end{array}$
nt		9,626.56	114,550.16	4,000.00			2,338.58	130,515.30		3,976.43	134,491.73
ld	12,000.00		85,987.33 10,000.00 30,102.08 76,003.85	3,000.00 	1,600.00		9,000.00	$\begin{array}{c} 111,587.33\\ 10,000.00\\ 30,102.08\\ 84,003.85 \end{array}$	14,345.73	4,202.59	115,789.92 10,000.00 45,642.66 85,754.99
ale	38,000.00	47.24	*11,413.63 28,000.00	1,200.00			13,876.74	11,460.87 81,076.74		1,819.32	13,280.19 81,076.74
uo	26,066.96	4,000.00	5,500.00 31,813.55		500.00		156,908.38	36,066.96 188,721.93		4,517.32	40,584.28 188,721.93
e	2,273.61		10,412.64 25,000.00		2,695.83		3,716.70 84,047.11	19,098.78 109,047.11	52,843.43	43,707.88	115,650.09 109,047.11

DISBURSEMENTS BY COUNTIES FOR HIGHWAY PURPOSES IN 1928 (Supplied by U. S. Bureau of Public Roads)

216

31,025.72 121,267.74 245.573.78 249,834.75 249,834.75 114,512.26 114,512.26 117,509.25	$\begin{array}{c} 173,000,00\\ 40,085.73\\ 87,000.00\\ 93,412.98\\ 93,964.48\\ 127,408.31\end{array}$	102,567.21 32,562.79	$\begin{array}{c} 53,555.93\\ 49,887.41\\ 42,061.80\\ 71,382.10\\ 206,045.81\end{array}$	$\begin{array}{c} 73,246.19\\ 53,851.10\\ 100,213.15\end{array}$	$\begin{array}{c} 74,465.86\\ 21,406.78\\ 71,930.11\\ 64,278.32\\ 23,359.07\end{array}$	30,607.73	$111,025.00\\607.196.02$	152,139.04	\$5,981,109.67	
°-150,966.22	9,043.45 -4,000.00 10,970.44 5,360.19	22,343.96 3,515.20	7,164.81 5,814.73 169.49	10,457.79 7,405.78 $c_{-15,914.05$	$^{\circ}$ -12,933.89 3,573.77 $^{\circ}$ -17,599.79 8,910.01 467.04		d_93,792.92	21,218.20	\$686,231.24	
	5,000.00								\$97,449.03	nd \$40,115.51
31.025.72 117,760.02 396,540.00 236,673.31 114,512.26 117,509.25	$\begin{array}{c} 173,000.00\\ 31,042.28\\ 91,000.00\\ 77,442.54\\ 88,604.29\\ 127,408.31\end{array}$	80,223.25 29,047.59	53,555.93 42,722.60 36,247.07 71,212.61 206,045.81	62,788.40 46,445.32 116,127.20	87,399.75 17,833.01 89,529.90 55,368.31 22,892.03	30,607.73	$\frac{111,025.00}{700,988.94}$	130,920.84	\$5,939,162.88	less cash on ha
3,608.54 20,237.14 68,000.00 67,512.26	$\frac{370.04}{19,808.39}$ $\frac{21,111.67}{2}$		566.27 33,238.25 2,881.47	700.63 7,599.28 1,723.58	9,094.88 219,00		52,025.00188,226.04	10,920.84	\$810,666.94	red warrants
							$\frac{43,000.00}{2,021.72}$		\$45,708.08	08.43 registe
3,600.00 20,000.00 3,000.00	5,000.00 6,000.00 9,784.92	104.75	3,543.78	3,490.36 39,363.01	426.68 1,828.50 2,400.00		1,000.00 19,029.10	4,000.00	\$156,712.05	unt is \$133,9
	20,000.00 3,000.00	4,000.00 2,042.00	$\frac{1}{7,500.00}$	5,600.00 2,000.00 43,495.39	975.00 5,000.00 3,000.00	200.00	25,945.00		\$239,607.20	. <sup>d</sup> This amo
27,417.18 66,484.99 141,360.79 116,796.81 25,000.00 114,509.25	*50,000.00 15,872.24 33,000.00 *57,634.15 56,801.88	76,223.25 22,300.84	22,355.93 42,722.60 35,680.80 14,738.66 163,405.14	42,097.41 36,846.04	42,017.09 16,004.51 61,429.90 40,873.43 22,673.03	27,407.73	$\begin{array}{c} 12,000.00\\ 123,905.81\end{array}$	66,000.00	\$3,133,980.92	s. <sup>c</sup> Overdrafts
11,437.89 24,000.00	23,000.00 14,800.00 5,000.00 		6,000.00 	2,500.00 31,545.22	1,480.98 7,000.00		3,000.00 76,399.31	5,000.00	\$306,547.34	t on warrant bridges.
10,000.00 133,179.21 111,214.94 15,000.00	100,000.00 28,000.00 *82,604.29 6,726.83	4,600.00	25,200.00 	8,400.00	42,500.00 	3,000.00	265,461.96	45,000.00	\$1,241,940.35	rures. <sup>b</sup> Interes mized, includes
Lake La Plata Larimer Las Animas_ Lincoln Logan	Mesa Mineral Moffat Montezuma Montrose	Otero	Park Phillips <sup>a</sup> Pitkin Prowers	Rio Blanco Rio Grande Routt	Saguache San Juan <sup>a</sup> San Miguel Sedgwick Summit	Teller	Washington <sup>a</sup> Weld	Yuma	State	a 1926 fig * Not ite

		S	tate Road	s		(	County Ro	ads	1	Total
COUNTY	Hard Sur- faced	Gravel & Sand Clay	Graded	Unim- proved	Total State	Gravel & Sand Clay	Graded	Unim- proved	Total County	State & County
Adams Alamosa Arapahoe Archuleta	26.9 12.7	65.8 32.6 67.6 21.6	4.4 30.7 22.8 81.7	40.7	$97.1 \\ 104.0 \\ 103.1 \\ 103.3$	198.7 69.0 97.0 15.0	244.0  35.0	$1,016.0 \\ 347.0 \\ 400.0 \\ 356.7$	1,458.7416.0500.0406.7	1,555.8 520.0 603.1 510.0
Baca Bent Boulder	6.7 $32.7$	$16.1 \\ 32.5 \\ 55.9$	$221.2 \\ 34.1 \\ 29.5$		$237.3 \\ 73.3 \\ 118.1$	 61.3		$461.0 \\ 759.0 \\ 652.7$	461.0 759.0 714.0	698.3 832.3 832.1
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley Custer		$\begin{array}{r} 46.4\\ 89.1\\ 55.7\\ 38.2\\ 44.4\\ 39.6\\ 8.5\end{array}$	47.2 38.3 47.6 82.0 64.4 24.2 87.0	 5.2 21.5 	93.6 127.4 108.5 120.2 130.3 63.8 95.5	$   \begin{array}{r}     17.0 \\     7.0 \\     \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\      \overline{} \\       \phantom$	5.0 69.0 9.0 13.0 40.0	$\begin{array}{r} 234.4 \\ 761.0 \\ 130.5 \\ 484.9 \\ 169.0 \\ 724.0 \\ 600.0 \end{array}$	256.4 837.0 139.5 492.0 182.0 794.0 605.0	350.0 964.4 248.0 612.2 312.3 857.8 700.5
Delta Dolores Douglas	 36.1	53.1 82.2	$65.1 \\ 71.5 \\ 44.9$		118.2 71.5 163.2	130.0	28.0 	447.5 209.6 370.0	475.5 209.6 500.0	593.7 281.1 663.2
Eagle Elbert El Paso	34.2	$24.4 \\ 52.3 \\ 136.7$	95.3 74.6 70.6	8.9  6.0	$128.6 \\ 126.9 \\ 247.5$	10.0 282.7	41.8 114.2	$251.8 \\ 1,650.2 \\ 2,077.7$	261.8 1,692.0 2,474.6	390.4 1,818.9 2,722.1
Fremont	2.2	73.7	83.3	16.0	175.2			172.0	172.0	347.2
Garfield Gilpin Grand Gunnison		$62.1 \\ 4.0 \\ 46.7 \\ 49.4$	$\begin{array}{r} 86.5\\ 32.1\\ 146.6\\ 171.3\end{array}$	7.5  0.1 10.5	$156.1 \\ 36.1 \\ 193.4 \\ 231.2$	11.0 18.0	23.0 61.0	1,292.0 163.0 91.0 218.0	1,315.0 174.0 152.0 236.0	$\begin{array}{c c} 1,471.1 \\ 210.1 \\ 345.4 \\ 467.2 \end{array}$
Hinsdale Huerfano		43.7	48.6 90.7	6.5	48.6 140.9		49.0	72.0	121.0 380.0	169.6 520.9
Jackson Jefferson	22.5	19.7 122.8	116.4 64.7	17.1	$136.1 \\ 227.1$	6.5	176.7	256.0 907.8	256.0 1,091.0	392.1 1,318.1
Kiowa Kit Carson		$\begin{array}{r} 57.4 \\ 103.3 \end{array}$	88.7 71.5		146.1 174.8	48.0	10.0	615.0 1,495.0	663.0 1,505.0	809.1 • 1,679.8
Lake La Plata Larimer Las Animas Lincoln Logan	 21.7 19.7 15.7	52.7 72.4 114.0 90.8 108.0 140.6	22.0 28.9 120.2 142.4 212.9 14.0	 1.3 18.0 	74.7 101.3 257.2 270.9 320.9 170.3	65.0 264.0 21.5 70.5	5.0 140.0 140.0 27.3 34.0	$\begin{array}{r} 80.0 \\ 1,420.1 \\ 663.0 \\ 5,586.2 \\ 951.7 \\ 2,493.5 \end{array}$	80.0 1,490.1 1,068.2 5,747.7 979.0 2,598.0	$154.7 \\ 1,591.4 \\ 1,325.4 \\ 6,018.6 \\ 1,299.9 \\ 2,768.3$
Mesa Mineral Moffat Montezuma Montrose Morgan	5.9  28.7	53.7 19.0 44.0 57.7 69.4	$154.0 \\ 67.1 \\ 166.2 \\ 93.8 \\ 172.0 \\ 18.7$	6.2	213.6 67.1 185.2 137.8 235.9 116.8	$18.0 \\ 15.0 \\ 20.0 \\ 6.2 \\ 7.0 \\ 51.0$	108.0 16.0 303.8 73.2 187.0	2,328.0 27.9 864.0 800.0 879.8 918.0	2,454.0 42.9 900.0 1,110.0 960.0 1,156.0	2,667.6 110.0 1,085.2 1,247.8 1,195.9 1,272.8
Otero Ouray	11.0	$\begin{array}{c} 27.9 \\ 24.7 \end{array}$	$\begin{array}{c} 55.2\\24.8\end{array}$		94.1 49.5	$\begin{array}{r} 43.2 \\ 52.0 \end{array}$	21.4	$1,455.4 \\ 192.6$	1,498.6 266.0	1,592.7 315.5
Park Phillips Pitkin Prowers Pueblo	  1.7 20.0	116.4 85.6 83.2 113.4	90.1 19.0 81.4 108.4 60.5	8.7 6.7	215.2 104.6 88.1 193.3 193.9	152.0 10.0 92.0 200.0	 49.1	$\begin{array}{r} 273.0\\ 648.0\\ 114.0\\ 584.5\\ 1,496.0\end{array}$	$\begin{array}{r} 273.0\\ 800.0\\ 124.0\\ 727.0\\ 1,696.0\end{array}$	488.2 904.6 212.1 920.3 1,889.9
Rio Blanco Rio Grande Routt		$41.5 \\ 42.9 \\ 33.3$	$151.5 \\ 43.3 \\ 134.1$	13.3 	$206.3 \\ 86.2 \\ 169.4$	10.0	4.0 20.0	355.0 231.0 1,731.0	359.0 231.0 1,761.0	565.3 317.2 1,930.4
Saguache San Juan San Miguel Sedgwick Summit		$84.4 \\ 35.1 \\ 8.3 \\ 65.9 \\ 11.8$	86.0 5.0 122.8 63.0	4.5 12.0 17.9	$170.4 \\ 44.6 \\ 143.1 \\ 65.9 \\ 92.7$	$61.0 \\ 4.0 \\ 6.5 \\ 26.8 \\ 16.0$	29.0 5.0 30.0 0.3	1,009.3 88.7 403.0 752.2 21.7	1,099.3 92.7 414.5 809.0 38.0	$1,269.7 \\ 137.3 \\ 557.6 \\ 874.9 \\ 130.7$
Teller		52.7	38.2	12.3	103.2	20.0	39.0	202.0	261.0	364.2
Washington Weld	7.4 37.4	$158.0 \\ 223.2$	97.8 75.1	4.3	263.2 340.0	$\begin{array}{c} 3.0\\ 530.0\end{array}$	49.0 1,200.0	2,802.0 4,270.0	2,854.0 6,000.0	3,117.2 6,340.0
Yuma State	343.2	220.9	26.6	247.2	247.5 9.119.9	$\frac{13.2}{2,791.2}$	99.7 3,499.5	1,482.1	1,595.0	1,842.5

#### MILEAGE OF HIGHWAYS IN COLORADO AT BEGINNING OF 1929 (Compiled from records of U. S. Bureau of Public Roads and State Highway Commission.)

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.

#### CHART SHOWING THE DIVISION OF THE STATE INTO HIGHWAY DISTRICTS (Heavy black lines indicate district boundaries.)



#### 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. Dealers pay the tax direct to the state inspector.

Collections, tax only, exclusive of inspection fees, for calendar years were as follows:

1919	(8	m	OS.	.).										 \$ 274,401
1920.														 458,395
1921.		• •												 566,570
1922.	• • •			•										 644,912
1923.		• •												 922,643
1924.	• • •	• •						•	• •					 1,773,362
1925.		• •												 1,845,471
1926.		• •												 2,169,456
1927.	• • •	• •			• •	• •		•	• •					 3,272,537
1928.		• •					•	•		•		•	•	 4,115,299
														•
Tota	<b>.</b>	• •		•		• •							• •	 \$16,043,046

Gasoline consumption in Colorado by years, as reported by the state oil inspector, was as follows:

		Per Ct.
Year	Gallons	Former Yr.
1913	5.860.855	5
1914	10.372.238	52.95
1915	14,482,629	39.63
1916	19,988,001	l 38.01
1917	29,879,153	3 49.49
1918	32,800,910	9.78
1919	42,361,550	29.15
1920	51,917,098	3 22.56
1921	60,390,692	2 16.32
1922	65,891,200	) 9.11
1923	75,258,403	3 14.22
1924	94,031,760	3 24.95
1925	98,741,301	5.01
19261	12,380,309	13.81
19271	28,304,024	4 14.16
19281	42,027,66	5 10.69

Colorado supplied 18,164,163 gallons of the 142,027,665 gallons of gasoline consumed in the state in 1928, or 12.78 per cent of the total. This compares with 12.05 per cent in 1927; 8.50 per cent in 1926; and 5.73 per cent in 1925. The largest proportion of the gasoline consumed in the state in 1928 came from Wyoming, that state supplying 74,107,708 gallons; Oklahoma supplied 26,082,400 gallons; Kansas, 18,491,680; the remainder coming principally from New Mexico and Texas, with small quantities from Utah and Nebraska.

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.

TOTAL HIGHWAY EXPENDITURES OF STATES IN 1927

					the second design of the secon
Alabama\$	11,461,288	Maine\$	13,421,013	Ohio\$	58,469,353
Arizona	2,315,783	Maryland	7,815,952	Oklahoma	25,116,236
Arkansas	17,021,398	Massachusetts	16,252,887	Oregon	19,126,295
California	45,569,479	Michigan	57,887,500	Pennsylvania .	53,994,537
Colorado	10,343,426	Minnesota	37,885,209	Rhode Island.	7,906,015
Connecticut	12,778,981	Mississippi	11,127,300	South Carolina	15,677,200
Delaware	4,626,548	Missouri	32,441,000	South Dakota.	8,331,732
Florida	23,488,409	Montana	3,686,286	Tennessee	16,273,303
Georgia	20,522,703	Nebraska	17,918,848	Texas	21,427,654
Idaho	4,647,213	Nevada	2,524,823	Utah	5,393,655
Illinois	71,897,827	N. Hampshire	3,290,789	Vermont	5,080,315
Indiana	36,211,098	New Jersey	54,943,484	Virginia	24,987,835
Iowa	43,867,853	New Mexico	5,588,904	Washington	17,618,299
Kansas	26,849,037	New York	122,684,302	West Virginia	36,010,790
Kentucky	22,198,073	North Carolina	29,274,0.04	Wisconsin	41,564,000
Louisiana	8,333,295	North Dakota.	9,417,202	Wyoming	4,084,254

#### **GASOLINE CONSUMPTION BY AND TAX DISTRIBUTION TO COUNTIES** (From Reports of the State Oil Inspector)

	Gallons (	Consumed	Road Tax Distributed		
COUNTY	1927	1928	*1927	*1928	
Adams Alamosa Arapahoe Archuleta	$1,479,962 \\ 1,376,004 \\ 1,232,110 \\ 145,608$	$1,237,424 \\ 1,490,025 \\ 2,207,166 \\ 198,646$		\$ 11,994.48 10,169.87 12,678.67 12,760.31	
Baca Bent Boulder	1,112,578 798,276 5,012,232	1,523,404 914,633 5,395,558	$38,039.86 \\ 12,335.66 \\ 19,998.91$	28,869.24 9,054.54 14,613.27	
Chaffee Cheyenne Clear Creek Concios	2,733,131 438,633	3,502,424 539,684	15,733.23 21,507.83 18,100.65 20,255,19	$11,562.10 \\ 15,735.08 \\ 13,402.65 \\ 14,847,98 \\ 13,402.65 \\ 14,847,98 \\ 14,847,98 \\ 14,847,98 \\ 14,847,98 \\ 14,98 \\ $	
Costilla Crowley Custer	389,482 552,588 137,317	335,898 603,504 166,133	$\begin{array}{r} 19,188.42 \\ 10,843.50 \\ 16,088.15 \end{array}$	16,611.60 7,880.97 11,796.79	
Delta Denver Dolores Douglas	$\begin{array}{r} 1,273.977\\ 41,152,996\\ 310,011\\ 522,273\end{array}$	$\begin{array}{r}1,471,700\\44,376,113\\249,749\\579,258\end{array}$	19,995.19  12,045.96 25,523.38	14,600.91 8,832.22 20,072.24	
Eagle Elbert El Paso	$\begin{array}{r} 138,584\\ 645,200\\ 8,025,325\end{array}$	185,300 838,687 9,049,705	$\begin{array}{r} 21,737.36\\ 21,371.20\\ 41,692.18\end{array}$	15,885.58 15,675.58 30,574.50	
Fremont	2,023,004	2,246,521	29,216.45	21,629.57	
Garfield Gilpin Grand Gunnison	1,314,728 473,346 181,249	1,473,174 6,498 560,820 253,665	$25,982.65 \\ 5,990.41 \\ 32,390.84 \\ 38,632.63$	$\begin{array}{r}19,233.12\\4,459.68\\23,858.76\\28,608.86\end{array}$	
Hinsdale Huerfano	1,532,051	1,756,670	8,168.63 19,737.38	6,003.48 16,582.69	
Jackson Jefferson	$265,945 \\ 452,677$	255,035 515,691	22,975.70 36,851.14	16,812.04 27,558.89	
Kiowa Kit Carson	526,584 2,301,221	546,148 2,289,727	$24,547.58 \\ 29,322.62$	18,047.33 21,592.55	
Lake La Plata Larimer Las Animas Lincoln Logan	$\begin{array}{r} 438,853\\544,096\\6,185,852\\3,373,470\\1,662,473\\3,064,962\end{array}$	479,299 677,829 6,123,852 3,740,745 1,921,012 3,366,502	$12,814.15 \\ 17,623.96 \\ 43,254.63 \\ 42,593.52 \\ 53,884.53 \\ 26,251.71$	$\begin{array}{r} 9,227.45\\ 12,579.99\\ 31,758.65\\ 33,302.80\\ 39,565.71\\ 20,883.96\end{array}$	
Mesa Mineral Moffat Montrose Morgan	$2,390,961\\83,940\\731,889\\70,433\\943,472\\3,043,795$	$2,872,052\\86,933\\1,044,278\\143,650\\1,\overline{0}08,366\\3,411,793$	36,344.63 11,350.53 31,113.19 23,788.27 39,832.23 19,959.32	$\begin{array}{r} 26,385.36\\ 8,288.86\\ 22,877.25\\ 17,355.54\\ 29,127.69\\ 14,416.91\end{array}$	
Otero Ouray	2,671,411 72,553	$2,968,442 \\78,401$	$\substack{13,725.46\\8,320.09}$	$11,523.63 \\ 6,114.68$	
Park Phillips Pitkin Prowers Pueblo	$\begin{array}{c} 1,501,025\\ 52,626\\ 2,058,851\\ 7,405,092 \end{array}$	$\begin{array}{r} 1,730,241\\ 41,968\\ 2,230,378\\ 7,844,328\end{array}$	36,226.66 16,035.93 15,008.36 32,657.52 32,873.66	26,583.02 11,978.22 10,882.77 23,877.72 23,939.54	
Rio Blanco Rio Grande Routt	27,809 929,624 526,157	$27,291 \\ 1,190,277 \\ 732,046$	$35,016.96 \\ 14,523.16 \\ 28,658.99$	25,508.36 10,648.03 20,974.88	
Saguache San Juan San Miguel Sedgwick Summit	1,089,113 195,609 1,063,457	1,094,640 49,901 190,077 1,241,077	$\begin{array}{r} 28,997.95\\ 7,543.05\\ 24,223.45\\ 11,172.33\\ 15,668.03\end{array}$	21,296.03 5,509.35 17,684.99 8,251.64 11,451.00	
Teller	280,039	296,617	17,401.50	12,747.89	
Washington Weld	957,549 8,468,315	1,018,162 9,745,912	43,861.35 55,370.35	32,512.32 42,638.37	
Yuma	1,591,381	1,425,307	42,352.73	30,539.66	
10tais	120,004,024	142,027,000	\$1,303,031.21	\$1,142,437.82	

\*For fiscal years ending November 30. Gallons consumed are for calendar years.

### **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

their locations, are as follows:

Agricultural collegeFo	ort Collins
School of mines	Golden
Teachers college	Greelev
University of Colorado	Boulder
Western state college	Gunnison
Adams normal school	Alamosa
Mute and blind schoolColorad	do Springs
Fort Lewis School	Hesperus
	Taxon por an

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."

There is published herewith a table showing disbursements of state institutions by years, another showing disbursements in 1927 in more detail, and a third giving the population of state institutions on certain dates named.

Additional information on state educational institutions will be found in the chapter entitled "Education," and under the heading, "Universities and Colleges."

#### 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	Tota1
1924	845	37	882
1925	917	35	952
1926	927	31	958
1927	1.024	41	1.065
1928		31	1.036

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

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		1,059	2,425
1925		1,113	2,461
1926	1,441	1,176	2,617
1927		1,225	2,750
1928	1,572	1,271	2,843

The number received during the year ending November 30, for the year named, was as follows:

Year	Male	Female	<b>T</b> otal
1925	. 223	159	382
1926	. 259	165	424
1927	. 288	187	475
1928	. 278	181	459

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	\$1.382.488
Fort Lewis school	φ1,200,111 *	107,402	119,187	133,230	84,596
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	53,135	83,477	40,603
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	\$1,003,402
Penal and Reform:					
Penitentiary	\$ 282.397	\$ 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	\$ 725 679	\$ 761 386	\$ 762 322
Recapitulation :	÷ 001,200	<b>v</b> 010,101	¢ 120,010	¢ 101,000	<b>\$ 101,011</b>
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	1,003,402
Penal and reform	587,290	615,151	725,670	761,386	762,322
Grand total	\$6,379,229	\$7,078,407	\$6,467,010	\$6,459,402	\$6,689,394

\*Included under Agricultural College.

#### • POPULATION OF STATE INSTITUTIONS (November 30 of Years Named)

INSTITUTION	1914	1919	1924	1925	1926	1927	1928
Industrial school for boys	293 122	337 136	318 149	193     125	257 139	289 141	274
Reformatory	137	157	183	222	171	189	159
Home and training schools: Grand Junction	*	*	247	250	271	254	252
Ridge	80	73	77	80	78	74	89
Soldiers' and Sailors' Home	188	153	151	219	203	160	160
Insane hospital	1,176	1,926	2,425	2,461	2,617	2,750	2,843
Penitentiary	352	571	891	964	958	1,065	1,036
Workshop for blind	18	18	27	13	13	16	16
Home for dependent and neglected children_	236	192	154	147	135	158	192
Totals	2,602	3,563	4,622	4,674	4,842	5,096	5,146

\*Information not available.

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NOVEMBER	
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BURSEMENTS	
DISE	

	Salarie		Maintenand	ce	Equipme	nt	Lands, Bl	dgs.	Miscellaneo	ns	
	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Total
Educational:											
Agricultural college	\$ 783,584.91	56.7	\$ 375,441.15 AF OF1 AF	27.2 53.3	\$ 8,916.69 698 35	0.6	\$ 144,076.32	10.4	\$ 70,468.62	5.1	\$1,382,487.69 84.595.90
Adams normal.	19,169.94	79.8	1,771.10	7.4	3,074.46	12.8					24,015.50
School of Mines	195,417.09 361 616 13	65.4	69,886.17	23.4	16,846.04 16 278 54	5.6	148.704.80	20.1	16,788.63 100.893.19	5.6 13.7	298,937.93 $738.917.07$
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	0.0	1,983,945.76
Western State Deaf and blind school	128,527.92	56.2 63.3	32,524.93 57,866.72	14.2 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	\$ 52,555.78	1.1	\$ 593,233.58	12.0	\$ 249,707.66	5.1	\$4,923,669.68
Eleemosvnarv :											
Dependent and neglected children-	\$ 29,304.73	29.5	\$ 62,732.64	63.1	\$ 264.60	0.3	\$ 7,023.75	2.0	\$ 118.67	0.1	\$ 99,444.39 c30,150,10
[nsane asylum	202,984.67 17.375.82	31.7	407,713.02	63.8 38.0	2,933.67	a	7,783.50	19.2	0,000.00 6.41		40,602.56
Mental defectives (Grand Junction)	27,207.65	27.1	71,253.33	70.8	1 96 / 10		2,125.10	2.1	26.92		100,586.08
Soldiers' and sailors' home Workshop for blind	28,060.44	49.9	2,846.05	34.5 10.4	L,4024.40				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:				1			00 A00 01 0	0	00000	007	00 110 011 0
Penitentiary	35,000,00	28.9	\$ 238,534.89	57.7	\$ 918.21	0.3	\$ 12,000.83	2.5	\$ 42,290.69 3.743.16	2.9	<b>a</b> 413,311.29 130,937.93
Boys' industrial school	51,520.75	31.6	102,861.94	63.0	1,481.14	0.9	3,766.50 1.657.59	2.3	3,598.66 1.195.78	2.2	163, 228.99 54.843.96
GILIS IIIQUSCIAI SCHOOL	0 000 TEO 00	0.00	6 161 906 41	60 E	< 9 300 35		\$ 17.429.92	2.3	\$ 50.828.29	6.7	\$ 762.322.17
1 0tal	07*207*7007 \$	7°00	T. 007'TDL &	A*00	· · · · · · · · · · · · · · · · · · ·						
Recapitulation : Educational	\$2.694.523.87	54.7	\$1.333.648.79	27.1	\$ 52,555.78	1.1	\$ 593,233.58	12.0	\$ 249,707.66	5.1	\$4.923.669.68
EleemosynaryPenal and reform	318,613.76 230,459.20	31.1 30.2	600,466.58 461,205.11	58.7 60.5	4,452.75 2,399.35	0.5	82,919.01 17,429.92	8.2 2.3	16,950.14 50,828.29	1.5 6.7	1,023,402.24 762,322.17
Grand total	\$3.243.596.83	48.3	\$2.395.320.78	35.8	\$ 59.407.88	6.0	\$ 693,582.51	10.3	\$ 317.486.09	4.7	\$6.709.394.09

## Government and Political Record

#### ELECTED STATE OFFICIALS

THE accompanying list gives the names of all 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.

#### 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 Adama	10.90

#### 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
Ferl Cooler	1919-1921
Pohert F Poelrwell	1022 1025

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	Russell W. Fleming	1923-*
Roady Kenehan	1909-1911	Wayne C. Williams	1924-1925
Michael A. Leddy	1911 - 1913	William L. Boatright	1925-1927
Roady Kenehan	1913 - 1915	William L. Boatright.	1927-1929
Harry E. Mulnix	1915-1917	Robert E. Winbourn	1020
Charles H. Leckenby	1917 - 1919		1929
Arthur M. Stong	1919 - 1921	*Died December 25 1923	
Harry E. Mulnix	1921 - 1923	Diou December 25, 1525.	
Arthur M. Stong	1923 - 1925	Superintendent of Public Inst	muction
Charles Davis	1925 - 1927	Superintentent of Fusite Has	
W. D. MacGinnis	1927 - 1929	Joseph C. Shattuck	1877-1879
John M. Jackson	1929	Joseph C. Shattuck	1879-1881
		Leonidas S. Cornell	1881-1883
Attorney General		Joseph C. Shattuck	1883-1885
A. J. Sampson	1877-1879	Leonidas S. Cornell	1885-1887
Charles W. Wright.	1879-1881	Leonidas S. Cornell	1887-1889
Charles Toll	1881-1883	Fred Dick	1889-1891
D. C. Urmy	1883-1885	Nathan Cov	1891-1893
Theodore H. Thomas	1885-1887	John F. Murray	1893-1895
Alvin Marsh	1887-1889	Angenette J. Peavey	1895-1897
Samuel W. Jones	1889-1891	Grace Espev Patton	1897-1899
Joseph H. Maupin	1891-1893	Helen L. Grenfell	1899-1901
Eugene Engley	1893-1895	Helen L. Grenfell	1901-1903
Byron L. Carr	1895-1897	Helen L. Grenfell	1903-1905
Byron L. Carr	1897 - 1899	Katherine L. Craig	1905-1907
David M. Campbell	1899-1901	Katherine L. Craig	1907-1909
Charles C. Post	1901-1903	Katherine M. Cook	1909-1911
Nathan C. Miller	1903 - 1905	Helen M. Wixon	1911-1913
Nathan C. Miller	1905-1907	Mary C. C. Bradford	1913-1915
William H. Dickson	1907 - 1909	Mary C. C. Bradford	1915-1917
John T. Barnett	1909-1911	Mary C. C. Bradford	1917-1919
Benjamin J. Griffith	1911-1913	Mary C. C. Bradford	1919-1921
Fred Farrar	1913 - 1915	Katherine L. Craig	1921-1923
Fred Farrar	1915 - 1917	Mary C. C. Bradford	1923-1925
Leslie E. Hubbard	1917-1919	Mary C. C. Bradford	1925-1927
Victor E. Keyes	1919 - 1921	Katherine L. Craig	1927-1929
Victor E. Keyes	1921-1923	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, Arapaho Jefferson, Adams Second—Denver	<ul> <li>De,</li> <li>De,</li> <li>Denson, Samuel W.</li> <li>McDonough, Frank, Sr.</li> <li>Calvert, H. A.</li> <li>Dunklee, George F.</li> <li>Holland, E. V.*</li> <li>Sackmann, Charles C.</li> <li>Starkweather, James C.</li> </ul>	Stone, Joel E. Wettengel, Earl
Third—Baca, Bent, Huerfano, Las Animas, Prowers	Hollenbeck, A. F. McChesney, A. C.	Erickson, Malcolm
<ul> <li>Fourth—Cheyenne, Douglas, Elbert, Paso, Kit Carson, Lincoln, Tellei</li> <li>Fifth—Eagle, Lake, Summit</li> <li>Sixth—Archuleta, Dolores, La Plat Montezuma, San Juan</li> <li>Seventh—Delta, Gunnison, Hinsdal Mesa, Montrose, Ouray, San Mig</li> <li>Eighth—Boulder, Jackson, Larimer, Weld</li> <li>Ninth—Pitkin, Garfield, Rio Blanco</li> <li>Tenth—Crowley, Klowa, Otero, Pueb</li> <li>Eleventh—Chaffee, Custer, Frement</li> </ul>	El Cornforth, Arthur Cornforth, Arthur Bouck, Francis F. a, Searcy, W. N. le, uel. Bruce, George W. Logan, Straud M. Coffin, Claude C. Smith, Robert G. Smith, Robert G. Shumate, John T. 10. Park, James A. Trimble, Samuel D.	Young, John C. Luby, William H. Jacobson, W. Bruce Blaine, Charles E. Romans, A. H. Delaney, Frank Phelps, J. Arthur
<ul> <li>Park</li></ul>	Cooper, James L. a, Wiley, Jesse C. <sup>55</sup> , Munson, H. E. Stephenson, Louis C. Herrick, Chas. E.	Locke, James T. Woodward, C. H. Johnson, Roy T. Carpenter, F. R.

\*Appointed to fill vacancy until general election, November, 1930.

#### COLORADO STATE OFFCIALS FOR 1929-1930 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 DistrictGlenwo	od Springs
Terms of all congressmen \$10,000 per annum.	expire March 4, 19	31. The salary of a cong	ressman is

#### Executive State Officers

Governor	William H. Adams	Dem	Alamosa
Lieutenant Governor	George M. Corlett	Rep	Monte Vista
Secretary of State	Charles M. Armstrong	Rep	Denver
Treasurer	W. D. MacGinnis	Rep	Wray
Auditor of State	John M. Jackson	Rep	Pueblo
Attorney General	Robert E. Winbourn	Rep	Greeley
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 John Campbell, Colorado Springs Julian H. Moore, Denver Charles C. Butler, Denver Haslett P. Burke, Sterling Wilbur M. Alter, Colorado Springs

The justices of the supreme court receive salaries of \$5,000 per annum. All members of the court are Republican in politics.

### STATE SENATORS

#### (27th General Assembly)

Key: R. Republican; D. Democrat; H-O Holdover; E. Elected in 1928; term, November 7, 1928-November 9, 1932. The term of Holdover Senators expires November 5, 1930.

Dist.	Name	Party	Address	Counties in District
1st	Dickerson, F. E.	D.H-0	2060 Glencoe St., Denver	Denver
	Fairfield, Golding	R.E	2244 So. Milwaukee, Denver_	Denver
	Knauss, Francis J	R.H-0	1655 Monaco Pkwy., Denver-	Denver
	Quiat, Ira L	D.H-0	2388 Ash St., Denver	Denver
	Simonson, A. J	R.E	2660 E. 14th Ave., Denver	Denver
	Toll, Henry W	R.H-O	730 Equitable Bldg., Denver.	Denver
	Wheatley, Edw. L	R.E	2130 Tremont Place, Denver	Denver
2nd	Horn, Charles F	D.H-O	Pueblo	Pueblo
	Talbot, Ray H	D.E	Pueblo	Pueblo
3rd	Davis, Roy A	R.E	Colorado Springs	El Paso
	Elliot, David	R.H-O	Colorado Springs	El Paso
4th	Martinez, J. E	D.E	Trinidad	Las Animas
5th	Lashley, Theo. G	R.E	Boulder	Boulder
6th	Kelly, Frank R	R.H-O	Salida	Chaffee, Lake
7th	Graves, C. R	R.E	New Raymer	Weld
8th	Murchison, F. C	R.E	Arvada	Jefferson
9th	Evans, Richard	R.E	Coal Creek	Fremont
10th	Warren, N. C	R.H-O	Fort Collins	Larimer
11th	Hillman, John E	R.E	Delta	Gunnison, Delta
12th	King, John H	D.H-O	Sterling	Logan, Sedgwick, Phillips,
				Washington, Yuma
13th	Hansen, Harry W	R.E	Craig	Jackson, Routt, Rio Blanco, Moffat
14th	Hudson T. M.	D.H-0	Gardner	Costilla, Huerfano, Custer
15th	Headlee A. E.	D.H-0	Monte Vista	Rio Grande, Saguache, Mineral
16th	Bannister, Ollie E.	D.H-O	Grand Junction	Mesa
17th	Tobin, John J	D.H-O	Montrose	Dolores, Montrose, San Miguel
18th	Wheeler, Edward E	D.H-0	Ouray	Hinsdale, Ouray, San Juan,
10011		0	ourdy	Archuleta
19th	Pingrey, Rowe N	R.E.	Durango	La Plata, Montezuma
20th	Arthur, E. P., Jr.	R.H-O	Cripple Creek	Teller, Park
21st	Rees, Claude H	R.E	Rifle	Eagle, Garfield, Pitkin
22nd	Lininger, Alfred M	R.E.	Englewood	Adams, Arapahoe, Morgan
23rd	Rvan. James B	R.E	Bocky Ford	Crowley, Otero
24th	Shawcroft, John W	R.E	La Jara	Conejos, Alamosa
25th	Burke, Carle W	D.H-0	Wiley	Baca, Bent, Kiowa, Prowers
26th	Flebbe, Fred W	R.E	Kremmling	Clear Creek, Gilpin, Grand,
				Summit
27th	Nelson, Henry C.	R.H-0	Cheyenne Wells	Kit Carson, Cheyenne, Doug-
				las, Elbert, Lincoln

#### STATE REPRESENTATIVES (27th General Assembly)

Note .- Terms of Representatives expire November 5, 1930.

District	Name	Party	Address
Adams	Sweinhart, W. C.	D	Henderson
Alamosa	Jones, W. A	R	Alamosa
Arapahoe-Elbert	Anderson, Hugh	R	Deertrail
Boulder	Bleecker, Warren F	R	Boulder
Boulder	*Johnson, George W	R	Longmont
Chaffee	Burnott I A	D	Donaha Cuninga
Clear Creek	Barrick, Wm. H.	D	Dumont
Conejos	Johnson, A. O	R	La Jara
Crowley-Otero	Hunter, D. E	D P	Manzanola
Crowley-Otero	miner, soseph D	10	Rocky Ford
Delta	Fetz, Henry B	R	Hotchkiss
Denver	Anderson, J. A	R R	3052 Wyandot St., Denver
Denver	Henry, S. Arthur	R	1070 Humboldt St., Denver
Denver	Kavanagh, Wm. P	R	1474 Clayton St., Denver
Denver	Kettering, C. Edgar	D R	2225 So Fillmore St. Denver
Denver	Pettee, Annah G	R	834 So. Josephine St., Denver
Denver	Phelps, Horace F	R	
Denver	Pollock, A. Thomas	R R	Rocky Mountain News, Denver
Denver	Tarbell, Winfield S.	R	1748 High St., Denver
Denver	Wilson, Lincoln	R	3841 Wolff St., Denver
Douglas	*Dillon, Richard	D	Castle Rock
Eagle	Hemberger Charles	R	Gunsum
El Paso	Brady, Emory J.	R	Colorado Springs
El Paso	Jackson, Joseph P	R	Colorado Springs
El Paso	Stewart, wm. G	K	Colorado Springs
Fremont	McCandless, Chas. G	R	Florence
Garfield-Rio Blanco	Oldland, R	D	Meeker
Gilpin	*Saunders, Wm. D	D	Blackhawk
Gunnison	Curtis, W. L.	R	Gunnison
Hinsdale-Archuleta-Mineral	Rumbaugh, Charles F	D	Pagosa Springs
Hueriano-Costilla	Santistevan, J. F.	10	waisenburg
Jefferson	Handwerk, Phillip H	R	Edgewater
Kiowa-Bent	Tempel, Fred A	R	Wiley
Lake	Hoefnagels, E. G.	D	Leadville
La Plata	Noland, Helen Beatty	K R	Durango
Las Animas	Brighton, Kitty	D	Trinidad
Las Animas	Lucero, Andres	D	Trinidad
Lincoln-Cheyenne-Kit Carson.	Hoskin, H. G.	R	Burlington
Mass	We we we	IV	Die Gie
Montezuma-Doloros	Calkins Royal W	K R	Plateau City
Montrose	Knous, Lee	D	Montrose
Morgan-Washington	Vannoy, Elmer F	R	Fort Morgan
Ouray	Boyd, Davis S	R	Ouray
Phillips-Yuma	Colver, Harry L	R	Holyoke
Prowers-Baco	Twining, W. H.	D B	Two Butter
Pueblo	Dunlap, Perry C.	D	Pueblo
Pueblo	Leach, Albert E	R	Pueblo
Pueblo	Mead, Hattie A.	R	Pueblo Pueblo
D' C	Robinson, Henry E	n	repro
Routt-Moffat	Mathias, Harvey A Johnson, Edwin C	R D	Monte Vista
Saguache-Custer	Sylvester, J. J.	R	
San Juan	Holman, E. J.	R	Silverton
San Miguel	Dill, H. E.	D	Leonard
Summit-Grand-Jackson	Murphy, Charles P	R	Spicer
Teller-Park	Jackson, Alvin R.	R	Cripple Creek
Tener-Tark	remer, vernon	D	Orippie Creek
Weld	Beggs, James H.	R	Keenesburg
	woolston, r. rate	It	Dover

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\*Deceased.

# LEGISLATIVE REPRESENTATION OF COUNTIES BY AREA, POPULATION AND ASSESSED VALUATION

(Based on United States Census and State Tax Commission Reports for 1925.)

Representation in the State Senate

District	No. of Senators	Counties	Area in Sq. Miles	Total Population	Total Assessed Valuation
First	7	Denver	58	280,911	\$416,604,690
Second	2	Pueblo	2,433	60,705	74,263,765
Third	2	El Paso	2,121	44,426	70,999,530
Fourth	1	Las Animas	4,809	41,996	42,308,393
Fifth	1	Boulder	764	32,728	47,273,532
Sixth	1	Chaffee and Lake	1,454	14,456	18,196,470
Seventh	1	Weld	4,022	62,489	106,102,390
Eighth	1	Jefferson	. 808	14,495	25,711,450
Ninth	1	Fremont	1,557	17,883	21,496,797
Tenth	1	Larimer	2,629	29,347	55,278,060
Eleventh	1	Gunnison and Delta	4,380	19,258	31,189,006
Twelfth	1	Logan, Phillips, Sedgwick, Washington and Yuma	7,929	66,235	110,531,047
Thirteenth	1	Jackson, Moffat, Rio Blanco and Routt	11,822	22,881	30,146,179
Fourteenth	1	Costilla, Custer and Huerfano	3,432	26,502	24,318,878
Fifteenth	1	Mineral, Rio Grande and Saguache	4,897	14,274	23,121,205
Sixteenth	1	Mesa	3,163	22,327	29,712,195
Seventeenth	1	Dolores, Montrose and San Miguel	4,595	19,929	20,838,279
Eighteenth	1	Archuleta, Hinsdale, Ouray and San Juan	3,163	8,610	13,125,596
Nineteenth	1	La Plata and Montezuma.	3,902	18,404	21,561,290
Twentieth	1	Teller and Park	2,789	8,673	15,514,060
Twenty-first	1	Eagle, Garfield and Pitkin_	5,746	15,623	27,731,553
Twenty-second	1	Adams, Arapahoe and	3 390	53 147	81 246 036
Twenty-third	1	Crowley and Otoro	2 067	33 005	44 204 550
Twenty-fourth	1	Concios and Alamosa	1 979	14 314	17 820 806
Twenty-fifth	1	Baca Bant Kiowa and	1,010	14,014	11,043,030
i wenty-nith	-	Prowers	7,504	45,116	59,716,936
Twenty-sixth	1	Clear Creek, Gilpin, Grand and Summit	3,037	9,090	17,246,074
Twenty-seventh	1	Cheyenne, Douglas, Elbert, Kit Carson and Lincoln_	9,208	34,725	94,374,630

#### Area, Population and Valuation for Each Senator and Representative in Districts Having More Than One Senator or Representative

		For Each Senator			For Each Representative		
District	Representation	Sq. Mi.	Pop.	Valuation	Sq. Mi.	Pop.	Valuation
Denver	7 Sen. 12 Rep.	8.3	40,130	\$59,514,955	4.8	23,409	\$34,717,057
Pueblo	2 Sen. 4 Rep.	1,216	30,352	37,131,882	608	15,176	18,565,941
El Paso	2 Sen. 3 Rep.	1,060	22,213	35,499,765	707	14,808	23,666,510
Boulder	2 Rep.				382	16,364	23,636,766
Las Animas	2 Rep.			-	2,405	20,998	21,154,196
Crowley and Otero	2 Rep.				1,038	16,997	22,147,275
Weld	2 Rep.				2,011	31,244	53,051,195
Teller and Park	2 Rep.				1,394	4,336	7,757,030

Counties in Representative District	No. of Representatives	Area in Sq. Miles	Total Population	Total Assessed Valuation
Denver	12	58	280,911	\$416,604,690
Pueblo	4	2,433	60,705	74,263,765
El Paso	3	2,121	44,426	70,999,530
Weld	2	4,022	62,489	106,102,390
Larimer	1	2,629	29,347	55,278,060
Boulder	2	764	32,728	47,273,532
Mesa	1	3,163	22,327	29,712,195
Las Animas	2	4,809	41,996	42,308,393
Teller and Park	2	2,789	8,673	15,514,060
Fremont	1	1,557	17,883	21,496,797
Crowley and Otero	2	2,067	33,995	44,294,550
Jefferson	1	808	14,495	25,711,450
Arapahoe and Elbert	1	2,699	23,665	39,173,245
Garfield and Rio Blanco	1	6,330	12,892	22,051,970
Delta	1	1,201	13,668	15,555,771
Montrose	1	2,264	12,735	12,464,845
Conejos	1	1,252	8,881	8,482,960
Alamosa	1	727	5,433	9,346,936
Adams	1	1,262	17,566	31,771,520
Pitkin	1	1,019	2,707	4,448,460
La Plata	1	1,851	11,448	15,264,755
Lake	1	371	6,630	7,706,810
Rio Grande	1	898	8,587	10,483,371
Chaffee	1	1,083	7,826	10,489,660
Morgan and Washington	1	3,807	33,987	51,802,978
Clear Creek	1	390	2,891	5,424,380
Gilpin	1	132	1,364	2,636,555
Ouray	1	519	2,620	4,020,672
San Juan	1	453	1,700	3,613,684
Logan and Sedgwick	1	2,353	28,312	46,876,210
Phillips and Yuma	1	3,055	23,767	40,151,365
Gunnison	1	3,179	5,590	15,633,238
Saguache and Custer	1	3,880	7,208	14,265,452
Douglas	1	845	3,700	10,738,479
Lincoln, Kit Carson and Cheyenne	1	6,506	23,110	65,637,916
Kiowa and Bent	1	3,322	16,586	27,942,054
Prowers and Baca	1	4,182	28,530	31,774,882
San Miguel	1	1,288	5,610	6,742,990
Moffat and Routt	1	3,057	5,069	6,977,890
Crond Jackson and Summit	1	6,967	17,768	21,177,269
Fagle	1	4,147	6,360	12,863,009
Costilla and Huerfano	1	1,620	3,612	6,522,163
Dolores and Monterums	1	2,685	24,202	21,204,610
boords and montezuma	1	3,094	8,540	7,926,979

### REPRESENTATION IN THE STATE HOUSE OF REPRESENTATIVES

#### 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 Thomas Annear, 1374 Ogden street, Denver, and secretary, Eli Gross, City Hall, Denver.

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'S VOTE BY YEARS FOR PRESIDENT AND GOVERNOR

	Presi	ident	Governor		
Year	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.

 $\dagger$  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.

### ELECTION RETURNS BY COUNTIES FOR PRESIDENT

	192	0	1924		1928		
COUNTY	Harding Rep.	Cox Dem.	Coolidge Rep.	Davis Dem.	La Follette Prog.	Hoover Rep.	Smith Dem.
Adams Alamosa Arapahoe Archuleta	2,538 1,090 2,805 704	1,617 953 1,697 390	2,9551,0124,222453	1,2096251,209269	893 812 997 291	4,031 1,759 6,086 610	2,265 1,239 2,463 447
Baca Bent Boulder	1,594 1,528 6,483	107 905 4,226	1,125 1,475 7,614	653 804 3,273	$559 \\ 417 \\ 1,839$	2,108 1,957 9,457	524 741 4,363
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley Custer	1,5278207711,5877801,345540	1,244359517892787769290	1,3228377261,4637441,079415	612 236 284 995 665 667 281	$1,017 \\ 399 \\ 80 \\ 137 \\ 92 \\ 324 \\ 221$	1,8809457901,4636571,243600	1,230 500 481 1,692 1,070 635 389
Delta Denver Dolores Douglas	2,557 42,742 192 958	$1,725 \\ 21,551 \\ 154 \\ 561$	$2,689 \\ 59,047 \\ 100 \\ 869$	$1,345 \\ 15,764 \\ 157 \\ 383$	$781 \\ 13,054 \\ 169 \\ 248$	3,731 73,543 387 1,107	1,672 41,238 278 603
Eagle Elbert El Paso	854 1,639 9,426	667 687 5,112	680 1,396 9,965	431 506 4,140	414 539 3,636	$1,014 \\ 1,933 \\ 16,243$	570 738 5,069
Fremont	2,952	2,259	4,422	1,550	1,135	5,365	2,352
Garfield Gilpin Grand Gunnison	$1,914 \\ 420 \\ 660 \\ 1,060$	$1,472 \\ 194 \\ 562 \\ 1,024$	1,927 361 658 1,125	$917 \\ 161 \\ 308 \\ 598$	$     \begin{array}{r}       808 \\       124 \\       239 \\       744     \end{array} $	2,435 299 770 1,456	1,562 236 451 1,135
Hinsdale	$     \begin{array}{r}       146 \\       2.590     \end{array} $	$64 \\ 2.298$	$\begin{array}{c}133\\2.802\end{array}$	$\begin{array}{c} 79 \\ 1.219 \end{array}$	53 1,570	$\begin{array}{r}128\\3,260\end{array}$	$106 \\ 3,343$
Jackson Jefferson	388 3,632	120 1,983	385 4,861	111 1,271	72 1,312	401 6,754	249 2,880
Kiowa Kit Carson	839 1.857	515 803	781 2,030	$\begin{array}{r} 431 \\ 720 \end{array}$	430 574	$1,024 \\ 2,486$	458 1,137
Lake La Plata Larimer Las Animas Lincoln Logan	1,295 1,687 5,633 4,757 1,828 3,150	$950 \\ 1,458 \\ 2,709 \\ 4,217 \\ 983 \\ 1,916$	$1,024 \\ 1,474 \\ 6,486 \\ 5,721 \\ 1,647 \\ 2,898$	$\begin{array}{r} 613\\ 1,516\\ 1,970\\ 2,758\\ 634\\ 946\end{array}$	$510 \\ 930 \\ 533 \\ 2,936 \\ 384 \\ 1,315$	990 2,837 8,213 5,367 2,110 4,377	1,449 1,872 3,203 6,459 888 1,620
Mesa Mineral Moffat Montezuma Montrose Morgan	3,642 184 1,287 946 2,197 2,920	3,154 147 597 755 1,500 1,121	$\begin{array}{r} 4,053\\ 150\\ 1,012\\ 686\\ 2,071\\ 3,267\end{array}$	$2,388 \\ 101 \\ 647 \\ 721 \\ 1,239 \\ 757$	$2,291 \\ 70 \\ 151 \\ 557 \\ 1,106 \\ 370$	$\begin{array}{r} 6,446\\ 144\\ 1,346\\ 1,341\\ 2,873\\ 4,197\end{array}$	3,223 187 710 772 1,297 1,242
Otero	2,733 706	$2,700 \\ 443$	4,624 496	$1,938 \\ 256$	1,106 307	5,788 535	1,876 479
Park Phillips Pitkin Prowers Pueblo	$504 \\ 1,175 \\ 474 \\ 2,659 \\ 9,687$	328 468 407 1,247 7,921	$\begin{array}{r} 645 \\ 1,058 \\ 437 \\ 2,566 \\ 10,609 \end{array}$	3163972041,0424,917	158     635     121     505     3,460	$740 \\ 1,440 \\ 485 \\ 3,228 \\ 15,541$	419 705 454 1,210 7,881
Rio Blanco Rio Grande Routt	777 1,696 1,878	$456 \\ 996 \\ 1,244$	741 1,588 1,824	407 922 1,116	$\begin{array}{r} 64\\391\\229\end{array}$	860 2,254 2,304	<b>42</b> 1,220 1,64
Saguache San Juan San Miguel Sedgwick Summit	$1,179 \\ 332 \\ 925 \\ 834 \\ 400$	733 291 685 385 389	$\begin{array}{r} 1,211\\ 215\\ 673\\ 799\\ 343\end{array}$	$591 \\ 206 \\ 567 \\ 372 \\ 241$	234 55 251 297 124	1,4912777211,247362	854 430 554 580 300
Teller	1,562	1,047	1,262	592	616	1,184	1,037
Washington Weld	2,099 10,347	$1,066 \\ 5,226$	$1,771 \\ 10,211$	720 3,406	681 2,169	2,132 13,719	5,762
Yuma	2,673	1,278	2,721	865	832	3,401	1,383
Total	173,248	104,936	193,956	75,238	57,368	253,872	133,133

#### COUNTY COMMISSIONERS

- Adams—H. L. Prather, George S. Kemp, R. S. McIntosh.
- Alamosa—Herman Emperius, R. E. Sellers, Charles Speiser.
- 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. Schnaufer.
- Bent—Stanley Lee, Frank A. Froman, Prowers Hudnell.
- Boulder—E. B. Hill, S. D. Buster, Lew G. Thomas.
- Chaffee-P. G. Schlosser, Myron Beswick, H. Lovel Johnson.
- Cheyenne-W. C. Shultz, Charles E. Collins, W. A. Baber.
- Clear Creek—George H. Curnow, Joseph Cottingham, Charles F. Lawson.
- Conejos—Lewis W. Sowards, Juan B. Velasquez, James E. Braden.
- Costilla-S. N. Smith, Henry Markwell, J. M. Pinney.
- Crowley-S. S. Spillars, F. D. Taylor, J. G. Boget.
- Custer—A. H. Johnston, Rockwell B. Canda, Charles J. Donahoe.
- Delta—John Boyden, George S. Roller, W. T. M. Murray.
- Dolores-S. M. Conn, J. E. Evans, W. E. Quine.
- Douglas—J. T. Berry, L. R. Higby, A. E. Failing.
- Eagle-C. G. Stanley, Wayne T. Jones, Gulling Offerson.
- Elbert—I. W. Northrup, J. W. Dennis, R. E. Carver.
- El Paso—W. H. Bartell, Samuel T. Chapman, William F. Starsmore.
- Fremont-John B. Blad, D. N. Cooper, Wm. H. Smith.
- Garfield-Lynn Kennedy, John L. Heuschkel, Otto Hahnewald.
- Gilpin—John Hancock, W. T. Sterling, John L. Robins.
- Grand—Thomas J. Mitchell, Glenn Sherriff, George Goranson.
- Gunnison—Frank Comstock, R. A. Little, Robert Williams, Jr.
- Hinsdale-John R. Liska, W. O. Baker, B. F. Cummings.
- Huerfano-A. J. Roush, 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.
- Kiowa-P. O. Meyer, J. O. Walker, A. F. Wenger.
- Kit Carson—John F. Lueken, Ira D. Messenger, J. O. Hendricks.

- Lake-Charles E. Slavin, Patrick Mc-Carthy, John F. McGuire.
- La Plata—W. I. Gifford, F. E. Pierce, W. E. Tyner.
- Larimer—A. L. Johnson, J. W. McMullen, Henri McClelland.
- Las Animas—Hal Barnes, Mauro Cordova, I. B. Rogers.
- Lincoln—Dan Newberry, E. J. Kidder, J. 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 Runck, S. C. Englehart, George Menefee.
- Montrose-C. C. Sheats, J. A. Gibson, John Howell.
- Morgan—I. G. Aker, George Glenn, O. B. Schooley.
- Otero-Irving F. Haines, R. P. Lewis, John Beaty.
- Ouray-Fred A. Martin, E. C. Fisher, J. W. Donald.
- Park—A. W. Head, Hollis R. Mills, John D. Buyer.
- Phillips-S. J. Meakins, D. A. Rudder, John Sandquist.
- Pitkin—True A. Smith, G. B. Brown, Louis Vagneur.
- Prowers-L. M. Appel, M. J. McMillin, Hinton H. Hunter.
- Pueblo—W. L. Rees, P. G. Kay, Hurb H. Wilson.
- Rio Blanco-John Kenney, Thomas J. Cassidy, Robert C. Russell.
- Rio Grande-O. A. Lindstrom, Herbert J. Gilbreath, Louis Eickenrodt.
- Routt—Claude A. Smith, William Scheer, William H. Kleckner.
- Saguache-W. E. Gardner, J. W. Alexander, Earle E. Wilson.
- San Juan—John A. Hughes, John Glanville, Philip Santy.
- San Miguel-J. E. Whiteley, M. L. Anderson, Horace Joseph.
- Sedgwick—Oscar Franson, J. C. Wagner, W. T. Johnson.
- Summit—Andrew Lindstrom, B. F. Rich, A. H. McDougall.
- Teller-R. W. Jamieson, Hardy L. Potts, Alf Coulson.
- Washington—A. Mitchell, V. E. Beck, J. R. Shirley.
- Weld—William A. Carlson, James S. Ogilvie, S. K. Clark.

Yuma-Walter L. Hadlock, Byron Taylor, George E. Huey.

### ELECTED COUNTY OFFICIALS

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 Wm. E. Dunivan	L. L. Marsh Jesse L. Homer	Philip R. Johnson Walter P. Powell	Robert A. Howe
Bent	Dan Gates	William B. Nichols	Della C. MacGillivray	_Henry W. Alexander
Boulder	Robert V. Blum	Francis Beckwith	Fred W. Burger	George E. Wilson
Chaffee Cheyenne Clear Creek Conejos Costilla Crowley Custer	Lewis Hollenbeck W. D. Coe Wm. J. Harvey Lafayette Canter Timothy Martinez Gomer R. Curtis Mel H. Manning	Elizabeth Burke Jennie E. Ross W. E. Walthers Ella J. Menke Fred Trujillo Paul M. Williams L. H. Schoolfield	Arthur W. Samson 3. H. Akerly L. A. Hafer J. G. Lopez Franquilino Manchego R. R. Franklin. Willard A. Walker	Howard Sneddon Chas. L. Harrington J. F. Thomas A. H. Martin Reuben A. Sawyer 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.	
Douglas	Lucius Cox	Fred L. Bean	Arch Curtis	H. H. Curtis
Elbert El Paso	W. M. Wilson J. P. Knapp Robert M. Jackson	H. K. Brooks F. D. Hart Albert H. Horton	B. T. Worrall	Roy Jordan D. M. Sultz R. M. Cannon
Fremont	Henry Koerner	E. E. Kissinger	Bessie McQuown	L. D. Miller
Gilpin Grand Gunnison	George L. Winters Oscar Williams Mark E. Fletcher Ed. T. Lindsley	Charles H. King Hugh L. Lawry W. S. Kennedy B. H. Snyder	Clifford I. Parsons R. O. Throckmorton_ Sam C. Hartman	W. H. Trumbor F. L. Huntington 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	M. C. Ward
Jefferson	Walter H. Johnson	S. A. Koenig	Harley Williams	H. W. Gardner
Kiowa	W. P. Mayne	J. R. Proctor	Ithal Jenkins	Ira B. Rowbotham
Kit Carson	Walt H. Conarty	John S. Boggs	Nelle Burr	
Lake	Morgan Walsh	Frank E. Kendrick	John Gregory	Fred J. McNair
La Plata	Ed. Painter	Erwin A. Chubb	Edith C. Kiel	.W. H. Wigglesworth
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. Zimmerman	Roy E. Muckler	Miss Nellie Noble	Chas. E. Musser
Logan	Roy R. Powell	D. B. Delzell	Edith Kane	J. E. Youngquist
Mesa Mineral Montezuma Montrose Morgan	Chas. S. Lumley William Orthen Tom G. Blevins W. W. Dunlap A. M. McAnally Rufus A. Johnston	W. S. Meek Wm. T. Jackson Raymond A. Curtis Claude H. Wilson J. W. Goldsmith Edw. H. Madison	Denzel L. Yarnell H. D. Barnhart J. W. Moore Mabel C. Waldron S. V. Hobaugh Loyal C. Baker	Roy L. George Don C. LaFont G. S. Lawrence C. C. Knight W. H. Fleming A. W. Hill
Otero	D. H. Houghton	J. N. Lamb	Carlos M. Wilson	George E. Hine
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	Robert H. Nelson
Prowers	L. E. Alderman	Fred Clark	Vera Rosebrough	Oscar K. Hellbeck
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. Hovkins
Rio Grande	A. H. Webster	Edna L. McGuire	D. D. Shakespeare	W. W. Reilly
Routt	Fred Foster	E. W. Davis	J. D. Crawford	Stanley Dismuke
Saguache San Juan San Miguel Sedgwick Summit	Ed. Paul Merrill H. Doud John Finnegan G. E. Bothel J. G. Detwiler	Wilson P. Williams Norman F. Bawden Chas. L. Spillman R. L. Franklin George Robinson	Martin K. Slane Ida L. Grimes Harold T. Hogan L. A. Munson E. C. Peabody	Wm. L. Hammond Emory M. Tiffany B. W. Purdy C. M. Slusser
Teller	J. G. Chillson	W. D. Tatum	John H. White	Henry Johns, Jr.
Washington	W. B. Justice	Ezra Alishouse	John H. Duncan	M. F. Vance
Weld	B. E. Robinson	Jesse R. Patterson	Harley C. Grable	L. L. Stimson
Yuma	C. A. Yates	P. T. Edmunds	J. H. Stevenson	D. O. Crum

#### ELECTED COUNTY OFFICIALS-Continued

				the second
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-
Arapahoe	C. E. Watlington	A. O. Tiedt	George W. Dunn	Mrs. J. Sherman
Archuleta	George A. Dutton	B. F. Jackson	F. A. Byrne	Brown 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	Serveriano Ortiz	Earl H. Haynie	Culver A. Green	Mrs. Estella Sowards
Ostilla	Sergio Sanchez	J. N. Medill	J. E. Sanchez	-Lida M. Orengdulph
Crowley	Ed. C. Tritt	E. O. McCleary	James E. Downey	Cladys E. Smith
Custer	Fred W. Stewart	Charles A. Menzel	Edward L. Mott	Lou C. Beaman
Delta	George H. Merchant.	T. E. Remeley	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. C. 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. Hamllik	Louis J. Carter	Amanda Wagner
Grand	Simon Olson	W. S. Fleming	J. N. Pettingell	Dorothy Traber
Gunnison	J. W. Haymaker	R. T. Ellington	Sprigg Shackleford	Mary A. Lawrence
Hinsdale	James T. Palmer	W. S. Chapman	F. C. French	Carolyn Wright
Huerfano	A. M. Guerrero		W. W. Hammond	Martha Thorne
Jackson	Wm. H. Winscom	C. E. Mosman	K. J. MacCallum	Eihlyn F. Riddle
Jefferson	Matt Haakenson	William Woods	Charles McCall	Miriam A. Brown
Kiowa	W. Harry Bradley	James G. Hopkins	W. M. Ramsdale	Mrs. Wilma N. Ahern
Kit Carson	Leonard I. Dawson	Orin P. Penny	Clarence M. Smith	Della Hendricks
Lake	Ben Dorrington	Robert W. Walsh	Thomas Evans	Mary McClune
La Plata	Charles H. Conroy	Stephan T. Egenesa	Clement L. Russell	Nell B. McCartey
Larimer	W. L. Soles	H. M. Balmer	Tohn A. Cross	Alice Cook Fuller
Las Animas	A. T. McCarty	Robert G. Sipe	David M. Ralston	W. F. Templin
Lincoln	I. 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 Mineral Moffat Montezuma Montrose Morgan	James H. Rankin John J. Weaver E. V. Haughey John G. Dunning C. I. Moore Clem S. Lee	E. A. Krohn William H. Warren W. E. Driscoll Dr. E. E. Johnson Dr. F. Schermerhorn_ E. H. Robinson	N. C. Miller Clarence Y. Butler 'eRoy Tucker J. M. Brumley L. C. Kinnikin Clayton C. Rickel	Rose Bishop Berneice Keely Myrtle E. Jordan Mrs. Lottie Stevens -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	L. M. Gwinn	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 Hol'and	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	Dr. C. E. Condon	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

### Federal Operations in Colorado

DENVER is the center from which numerous activities of the United State government in western states are conducted and has the largest representation of the government of any city in the country with the exception the capital city of Washington. of This has led to the frequent characterization of Denver as the western capital of the United States. A survey made by the immigration department in 1927 shows that there are 75 departmental, district and local agencies of the federal government in Colorado, counting all the postoffices in the state as a single unit, most of which have their headquarters in or adjacent to Denver.

There are under the jurisdiction of the Colorado agencies 7,418 salaried officials and employes, of which 6,922 are located within the state. These figures are exclusive of several departments, such as the secret service, which are forbidden by regulations to give out information of this nature, and of more than 1,000 seasonal 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 \$935,520,000. Wherever possible, official figures were used in making this estimate and where such figures were not available the amount was computed on the basis of value of similar property for taxation purposes, or fixed by private ownership. These estimates are as follows:

National forests	\$ 70,000,000
Reclamation projects	11,000,000
Unappropriated land	11,575,000
Land filed upon but not pa-	
tented	3,120,000
Coal land (reserved and	500 0 40 000
classified)	732,246,000
Oil reserves	2,189,000
olaggified)	51 490 000
Duildings	27 400 000
Parks and monuments	1,500,000
Power water reservoir etc.	25,000,000
rower, water, reservoir, etc.	

Total.....\$935,520,000

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, 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 (85 bldgs)

(ob blugs.)	\$10,000,000
Postoffice and federal court	
house	3.000.000
Mint	4.000.000
Customs house	1.000.000
Army post (Fort Logan, 136	-,,,
bldgs.)	1.300.000
Total	\$10 200 000

These buildings are inadequate to house the various governmental agencies, and the government has purchased a half-block of ground in Denver, with an option on the remaining half, upon which to construct an office building expected to cost in excess of \$1,000,000, but for which congress has not yet made any appropriation except for the purchase of site and preliminary work. 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.

#### FEDERAL LANDS AND RESERVES

The United States government is by far the largest single land owner in Colorado. Exact figures as to the total area held by the federal government are difficult to obtain on account of the variety of lands administered by different departments under numerous classifications, but an approximate total was 28,087,575 acres as of July 1, 1928, including surface and sub-surface areas. This is approximately 42.3 per cent of the total land area of 66, 341,120 acres in the state.

The following table shows the divisions of government land as of July 1. 1928:

Description	Acres
National forests	13,278,233
National parks and monuments	305,679
Unappropriated and unreserved	7,717,121
Unperfected entries	2,080,068
Miscellaneous	1,727
Withdrawn lands:	
Coal	4,177,601
Oil	218,997
Oil shale	77,560
Water reserves	4,948
Power sites	225,641
- Total	28,087,575

In addition to withdrawn lands listed above, the government has numerous areas classified as valuable for mineral content, power sites, etc. While only 77,560 acres of oil shale land are in withdrawals, these being naval reserves, the geological survey classifies 952,239 acres as oil shale land and 3.145.867 acres in addition to the withdrawn areas as coal land. Power site reserves aggregate 225,641 acres, but lands classified as valuable for this purpose bring the total up to 460,500 acres, which includes all areas withheld subject to disposal under the federal water-power act of June 10, 1920.

Most of the government's land is available for the use of the public in some form. The unappropriated and unreserved land is open for homestead and other entries. Also, the surface of coal and other mineral land withdrawn is open for entry for homesteads, the government retaining the mineral or sub-surface rights only. Most of the mineral land is subject to leasing for prospecting and development, except that on March 12, 1929, the president withdrew the privilege of filing prospecting permits for oil and gas on the public domain. Information concerning these matters may be obtained from the registers of the local land offices listed under a description of homestead land. Lands in the national forests are available for grazing and other purposes, and with the national parks, monuments and power sites, are described in more detail in articles elsewhere in this publication.

The topographical branch of the United States geological survey, in cooperation with the Colorado metal mining fund, is engaged in making a topographical survey of the state. Expenditures for this work in the fiscal year ending June 30, 1928, aggregated \$21,102, of which \$12,299.98 was from federal funds and \$8,802.48 from state co-operative funds. During the fiscal year 108 square miles of area was resurveyed and new surveys were made on 367 square miles. Total area of the state mapped on June 30, 1928, was 55,530 square miles, or 53.4 per cent of the total area. Of the total area of vacant, unappropriated and unreserved public lands in the state, 6,907,931 acres had been surveyed and 809,190 acres remained unsurveyed on June 30, 1928.

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 twenty 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 twenty 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 twenty 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 Expenditures	.\$	23,565,513.53 21,545,903.31

Excess receipts over ex-

#### 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 ap-proved 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 these associations being limited to a maximum of \$10,000 and a minimum of \$100, and the borrowers must have aggregate loans of not less than \$20,000 to form an association. Each borrower must subscribe for land bank stock to the amount of five per cent of his loan. He shares proportionately in the profits of the bank during the period of his loan, and upon the payment of his loan his stock is retired at the market price, not to exceed par. All mortgages and notes of a member of an association must be indorsed by the association. Loans are made at rates 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.

While the capital stock of land banks is sold only to 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 April 24, 1929, a total of 117 national farm loan associations. From the beginning in April, 1917, to April 24, 1929, a total of 10,488 loans aggregating \$32,580,-900 had been made by the Federal Land Bank in Colorado. Of these, 1,700, aggregating \$4,655,900, had been paid in full and cancelled, and 8,788 loans aggregating \$27,925,000, were in

PRINCIPAL EXPENDITURES AND RECEIPTS OF THE FEDERAL GOVERNMENT IN COLORADO

(Fiscal Year Ending June 30, 1926)

Department or Establishment	Expenditures	Receipts	Expenditures Over Receipts	
Treasury department Justice department Postoffice department Navy department Interior department Commerce department Labor department Civil service commission Yeterans' bureau Federal power commission Federal vocational board Employees' compensation commis- sion Interstate commerce commission Total	$\begin{array}{c} \$ & 433,201.36\\ 159,550.72\\ 6,023,197.71\\ 903.62\\ 3,320,306.01\\ 3,264,429.59\\ 119,823.85\\ 27,895.17\\ 9,649.19\\ 8,085,194.51\\ 45.18\\ 63,448.48\\ 23,857.92\\ 14,400.00\\ \hline \$21.545,903.31\\ \end{array}$	\$ 853.29 61,941.56 5,878,127.81 552,029.27 1,896,066.71 1,0,000,00 3,339.00 90,986.69 179.34 	$\begin{array}{c} \$ & 432,348.07\\ 97,609.16\\ 145,069.90\\ 903.62\\ 2,738,276.74\\ 1,368,362.88\\ 109,823.85\\ 24,556.17\\ 9,649.19\\ 7,994,207.82\\ *134.16\\ 63,448.48\\ 23,857.92\\ 14,400.00\\ \hline \$13,022,379.64 \end{array}$	

\* Receipts over expenditures.
force on the date named. The total number of acres in Colorado mortgaged to the bank as security for loans is 3,223,991.

The land bank has disposed of 176 farms in Colorado, of which 88 were sold for a gain of \$39,777 and 86 were sold for a loss of \$72,716, and two were sold for investment, the net loss being \$32,939. It owns 45 judgments for \$179,-947 and 132 farms valued at \$419,615.

Joint Stock Land bank loans in Colorado up to August 31, 1928, aggregated \$10,131,400.

## FEDERAL PROHIBITION OPERA-TIONS 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, 1928, there was seized and destroyed in Colorado 8,148 gallons of liquor, consisting of 2,728 gallons of whiskey, 4,652 gallons of wine, 633 gallons of beer and 135 gallons of alcohol. This compares with a total of 10.322 gallons in 1927, consisting of 5,230 gallons of whiskey, 4,429 gallons of wine, 599 gallons of beer and 64 gallons of alcohol.

The following table shows the number of stills and gallons of liquors 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 Prop- erty Seized and Not Destroyed	Persons Arrested
1921 1922 1923 1924 1925 1926 1927 1928	263407148189942236135117	$\begin{array}{c} 25,470\\ 76,769\\ 66,604\\ 57,205\\ 72,030\\ 201,194\\ 10,322\\ 8,148 \end{array}$		$\begin{array}{r} 409\\ 633\\ 498\\ 502\\ 1,066\\ 745\\ 726\\ 787\end{array}$

# 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:

	1926	1927	1928
Dealers:			
Wholesale	. 38	36	37
Retail	. 550	513	501
Class $4^*$	.1,791	1,790	1,713
class 5 (a)	. 2,453	1,860	1,344
Total	1 000		
10tal	. 4,832	4,199	-3.595

\*Physicians, dentists, veterinary surgeons, and other practitioners and hospitals, sanatoria, etc. (a) Dealers in and manufacturers of untaxed narcotic prepartions.

Narcotic drugs and preparations, including opium, morphine, heroin, cocain, etc., seized in the enforcement of the laws in Colorado by fiscal years ending June 30, were as follows:

																		(	Dı	unces	Grains
1924																				128	
1925													į	÷	į	Ĵ	Ĵ	Ĵ	Ĵ.	61	19
1926											÷.	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	ľ	Ĩ	1	19	909
927				į	į.	Ĵ	Ĵ.	Ĵ.	Ĵ	Ĵ	Ĩ			ľ		1	•	1	•	36	140
1928	į.	ĺ.	į.				Ĩ	1	1	1	1	1	1	1	1	1	•	•	•	199	140

There were 46 convictions under the law in the state in the fiscal year ending June 30, 1928; aggregate sentences.imposed amounted to 58 years, 10 months and 12 days; total amount of fines collected, \$275; compromises were accepted in 121 cases; and amount of compromise fines accepted was \$10,094. This compares with 49 convictions in 1927; aggregate sentences of 22 years, 9 months and 24 days; fines of \$1,385; 119 compromises and \$8,802 in compromise fines accepted.

# PENSIONS AND COMPENSATION PAYMENTS

There were 5,432 pensioners in Colorado receiving compensation from the federal government on June 30, 1928, in which year the amount paid was \$2,406,330. 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. Veterans of the world war and their widows receive compensation through the

United States veterans bureau. Of the latter there were 841 cases in which death compensation was being paid in the state on June 30, 1928, on of account which approximately \$299,421 was disbursed during the year, and 5,571 cases on which disability compensation was being paid, approximate disbursement for the the latter during the year being \$3,265,998. In addition to these there were 85 persons in the state who had retired from the government services and were receiving annuities. Total disbursements in Colorado through these agencies for the fiscal years of 1918 to 1928, inclusive, aggregate approximately \$52,664,853.

Pensioners on the rolls of the pension bureau are not classified by states according to the different wars. though such a tabulation is made for the country as a whole. This shows that on June 30, 1928, there was a total of 491,194 pensioners on the rolls, a gain of 70,772 and a loss of 69,520 over the previous year, a net gain of 1,252. Of these, pensioners of the different wars were: Civil war, 272,906; war with Spain, 191,270; war of 1812, 14; war with Mexico, 849; Indian wars, 8,871; regular establishment, 17,220; world war, 64. The list included 14 widows of veterans of the war of 1812, a decrease by death of 3 during the year. There were four survivors of the war with Mexico and 845 widows of veterans. There were 35,917 survivors of the Civil war and 133,802 widows of veterans.

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	N	umber	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
712 m 4			

Total .....\$25,927,330

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			177.656
1925		645	249.041
1926		782	309,977
1927		823	291.474
1928		841	299.421
то	tal,		2,039,327

The following table shows the number of cases on which disability compensation was being paid on June 30 of the year named, and the amount:

Year		Number	Amount
1919		. 635	\$ 117.037
1920		.3,420	2,016,193
1921		.3,943	2,570,875
1922		. 4,428	2,648,697
1923		. 4,764	2,777,173
1924		. 4,659	2,498,529
1925		.4,977	2,445,848
1926		. 5,326	3,132,061
1927		.5,452	3,225,785
1928		.5,571	3,265,999
т	otal		\$24,698,195

Recapitulation of amounts paid out as shown by the above tables is as follows:

Pensions Death con	npensation	•••	:	\$25, 2,	927, 039, 039, 039, 039, 039, 039, 039, 039	$330 \\ 327$
Disability	compensation	•••	۰.	24,	698,	195
Total				OFO.	CCA.	000

#### 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 for-Gold and silver for eign countries. minting also are obtained from redeposits, 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, 1928, aggregated 836,155,940 pieces, of a total value of \$445,555,155. 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	. 13,180,560	26,361,120
Quarter dollars.	. 15,476,800	61,907,200
Dimes	. 14,520,980	145,209,800
Nickels	. 5,299,515	105,990,300
Cents	. 4,260,900	426,090,000

Total .....\$445,555,155 836,155,940

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 40,137,300pieces 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 eagles (\$20 gold pieces) and silver dollars. Coinage executed for the calendar years of 1927 and 1928 was as follows:

	1927	
	Value	Pieces
Double eagles Standard silver	\$3,600,000	180,000
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

# NUMBER OF EACH SPECIFIC CLASS OF INTERNAL REVENUE TAXPAYERS IN THE DISTRICT OF COLORADO

(Fiscal Years Ending June 30)

Class	1928	1927	1926	1925	1921
Distilled Spirits:					
Retail dealers	30	20	31	28	21
Wholesale dealers	4	2	5	10	6
Manufacturers of stills					2
Oleomargarine:					
Manufacturers	1	1	1	2	1
Wholesale dealers	23	21	23	23	21
Retail dealers	2.363	2.611	2.228	2.175	2.187
Mixed flour manufacturers	1	1	1	1	_,
Tobacco manufacturers			69	64	83
Corporations paying capital stock tax			3,721	6,465	3,901
Brokers			104	165	424
Proprietors theaters, museums and con- cert halls					365
Circus proprietors					3
Other exhibitions, including street fairs.					109
Proprietors billiard and pool tables and					
bowling alleys	•••		875	840	1,413
Proprietors shooting galleries	• •		6	3	10
Proprietors automobiles for hire	••	• •	357	1,853	3,024
Proprietors yachts and pleasure boats	•••	••		• • •	14
Opium, Cocoa, Etc.:					
Importers					8
Wholesale dealers	38	64	41	44	76
Retail dealers	510	905	521	590	618
Practitioners, hospitals, etc	1,706	3,146	1,748	2,086	2,250
Dealers in untaxed narcotics	105	150	91	80	89
Total	4,781	6,921	9,822	14,429	14,628

# DEPARTMENTAL, DISTRICT AND LOCAL AGENCIES OF U. S. GOVERNMENT IN COLORALO

(Compiled from Official Data)

Agency	District	Head- quarters	No. Officials and Employes
DEPARTMENT OF AGRICULTURE			
Bureau of Agricultural Economics: Division of Crop and Livestock Estimates	Colorado	Denver	5
Regional Office	17 western states Colorado	Denver	(e) 10
Market News Service—Fruit and Vegetable		Denver	(0) 20
Division Market News Service-Livestock Division	Colorado Colorado	Denver Denver	5 5
Federal Grain Supervision	3 states	Denver	1
Bureau of Animal Industry:         Field Inspection Division         Meat Inspection Division         Pathological Division         Plant Inspection Division         Packers and Stockyards Administration	Colorado Denver Colorado Colorado 11 western states	Denver Denver Denver Jenver Denver	14 28 2 2 6
Bureau of Chemistry:			
Food and Drug Inspection Station	6 states	Denver	8
District Office Division of Agricultural Engineering	3 states Independent	Denver Denver	61 1
Forest Service:		D	0.01
Solicitor's Office	Independent	Denver	321
Bureau of Biological Survey:			
Operational Offices Eradication Methods Laboratory	Colorado Western states	Denver Denver	5 6
Weather Bureau: District Office	Colorado	Denver	15
Bureau of Plant Industry:			
Dry Land Field Station	Local	Akron	2
DEPARTMENT OF COMMERCE		D.	
Bureau of Mines:		-	
Mine Rescue and Safety Service	3 states	Denver	6
Mining Research	3 states	Denver	6
Field Office and Laboratory	Colorado	Boulder	5
Associated Oil Chemist	- Colorado	Boulder	2
bureau of Standarus		Denver	4
DEPARTMENT OF THE INTERIOR			
Bureau of Reclamation	U. S	Denver	(a) 300
District Land Offices:	Local	Denver	4
Pueblo District	Local	Pueblo	4
General Land Office:			
Supervisor of Surveys Inspection Division Cadastral Engineering Service	U. S. and Alaska 3 states U. S. and Alaska	Denver Denver Denver	(b) 196 18 *
Notice I. David Commission			
Rocky Mountain National Park	Local	Fatos Dank	(d) 12
Mesa Verde National Park	Local	Mancos	13
Bureau of Pensions	Colorado	Denver	2
Indian Agency	Local	Ignacio	
Geological Survey:		-	
Mineral Classification Division	Rky. Mt. states_	Denver	1
Coal Leasing Division	Jolorado	Denver	2
Distribution Office	General	Denver	4
Water Research Branch	3 states	Denver	3

# COLORADO YEAR BOOK, 1928-1929

# DEPARTMENTAL, DISTRICT AND LOCAL AGENCIES OF U. S. GOVERNMENT IN COLORADO-Continued

(Compiled from Official Data)

Agency	District	Head- quarters	No. Officials and Employes
DEPARTMENT OF JUSTICE			
Circuit Count of Anneals			
District Court	Colorado	Denver	
District Attorney	Colorado	Denver	8
Marshal	Colorado	Jenver	11
Rureau of Investigation	Colorado and Pt	Denver	(f)
	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
Farm Labor Division	General	Denver	1
	deneral	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.) 750
First and Second Class Postoffices (exclusive of	Calanada		540
Denver)	Colorado	Donvor	762
Postoffice Inspectors	1 states	Denver	22
Air Mail Service	Colorado	Denver	
TREASURY DEPARTMENT	1		
Outron Division	Colorado	Denver	7
Customs Division	Colorado	Denver	•
Bureau of Internal Revenue:	a	-	
Collector	Colorado	Denver	55
Prohibition Division	3 states	Denver	13 51
Mint of Colorado	General	Denver	81
Secret Service	Colorado plus	Denver	(c)
Supervising Architect	12 states	Denver	
Custodians of Buildings	Local	5 towns	12
War Finance Cornoration:	2		
Agricultural Loan Agonay	Colorado	Denver	0
National Bank Examiners	Colorado	Denver	2
WAR DEPARTMENT			
Divison Headquarters	3 states]	Denver	40
Army Populiting Station	General	Fort Logan	364
Army Recruiting Station	General	Denver	10
Fitzsimons General Hospital	General	Aurora	1011
National Guard	ColoradoI	Denver	1765
Lowry Aviation Field	ColoradoI	Denver	26
INDEPENDENT ESTABLISHMENTS			
Civil Service Commission	states	Denver	4
Interstate Commerce Commission:			
Bureau of Locomotive Inspection	states	Denver	3
Veterans' Hospital	Local3	ort Lyons_	318
Veterans' Bureau(	Colorado		150
Total, Officials and Employes			7.478
		100 C	

(a) Includes only permanent employes. Ditch riders, mechanics, tradesmen and other seasonal employes, are not included. (b) Does not include about 500 temporary employes 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 employes varies. maximum, 70.

Sources	1928	1927	1926	1923	1921
Income, individuals, partnerships and corporations Estates, transfers of, gifts Distilled spirits and alcohol hever-	\$11,452,570 65,364	\$12,656,645 181,703	\$11,975,702 1,125,216	\$10,920,851 1,871,265	\$25,085,242 2,210,595
ages Tobacco and tobacco manufactures Oleomargarine and adulterated but-	29,189 25,540	37,026 32,449	43,317 90,818	63,965 146,481	20,974 271,071
ter	24,519	21,301	24,530	10,861	26,091
Revenue stamps sold by postmas- ters Bonds, capital stock, conveyances,			52,755	106,774	254,102
etc Capital stock transfers Miscellaneous	81,256 9,515 1,091	115,749 8,725 1,278	125,901 9,105 2,096	225,197 14,763 5,995	250,681 35,611 15,075
Telegraph and telephone Insurance				489,804	2,001,702 599,927 47,553
Manufacturers' excise tax: Autos, trucks, tires, accessories, etc.	94	77	96,663	227,621	184,198
Candy Miscellaneous	2,098	1,236		73,517 209	188,786 30,309
Consumers' and dealers' excise tax: Sculpture, paintings, etc Carpets, trunks, wearing apparel,			622	2,357	5,197
etc. Watches, clocks, jewelry, etc Perfumes, cosmetics, medicinal,			42,464	22 150,461	221,902 201,998
Non-alcoholic beverages Narcotics Corporation_capital stock tax		8,474	17,518	57,602 10,511 800 837	428,892 15,267 804 134
Stock and produce brokers Theatres, museums, circuses, bowling			6,640	13,939	19,554
Admissions to theatres and club dues_ Miscellaneous	70,421 37,615	64,628 *253,369	48,528 190,444 3,369	724,672 7,924	90,819 1,106,057 19,049
Total, all sources	\$11,879,300	\$13,473,240	\$14,830,350	\$15,988,678	\$34,214,956

## UNITED STATES INTERNAL REVENUE FROM COLORADO (For fiscal years ending June 30)

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; and in 1925 the total was \$14,215,162, of which \$11,740,667 was from income taxes.

\* Includes \$245,306 delinquent taxes collected under repealed laws.

# 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 district, which embraces Colorado, Wyoming, Kansas, Oklahoma, Utah and New Mexico. This district was created by congress in 1929 out of the eighth district, in which Colorado formerly was included. Four judges for the court appointed by President Hoover are Robert E. Lewis, of Denver, presiding judge; Orrie L. Phillips, of Albuquerque, N. M.; John H. Cotteral, Guthrie, Okla.; and George T. McDermott, of Topeka, Kans. Albert Trego is clerk of the court, and H. A. McIntyre, deputy.

The circuit court of appeals consists of the district and circuit judges in the respective circuits, together with a justice of the supreme court assigned to that circuit. Justice Willis Van Devanter of Wyoming is the justice assigned to the tenth circuit.

The sittings of the court are as follows: First Monday in June in Denver, second Monday in October in Wichita, and first Monday in February in Oklahoma City.

# 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 625 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.

# 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

Materials used in producing the 1928 output of beverages included 36,361 bushels and 1,669,918 pounds of malt, 159,084 pounds of sugar and syrup, 2,720 bushels and 83,328 pounds of corn and corn products, and 22,652 pounds of hops.

## 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.

# 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, 1928, the population consisted of 835, or less than one-half of one per cent of the entire Indian population of the United States. This was an increase of 45, compared with the population on June 30, 1926. Of the total, 446 were males and 389 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.

# REPRESENTATIVES OF FOREIGN GOVERNMENTS

- Belgium-Jean Mignolet, consul, 2549 Birch St., Denver.
- Bulgaria—See Greece.
- Denmark-J. F. Rasmussen, consul, 605 Commonwealth Bldg., Denver.
- France-Jean Mignolet, consular agent, 2549 Birch St., Denver.
- Germany-William Godel, acting consul, American National bank, Denver.
- Great Britain—Harry Crebbin, vice consul, 904 Equitable Bldg., Denver.
- Greece-Nikias Calogeras, C. 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 So-ciety, 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.

# COLORADO NATIONAL GUARD

The maximum strength of the Colorado national guard is 1,858 men. The guard on January 1, 1929, was composed of 158 officers, 1,546 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; and the 45th division aviation.

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 0.7 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, Manzanoia, Fort Collins, Brighton, Brush, Fort Morgan, Burlington, Canon Loveland, 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 eight 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.

# Persons in Governmental Service

 ${
m A}_{
m the\ purpose\ of\ ascertaining\ as}^{
m SURVEY\ undertaken\ in\ 1927\ for}$ near 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 rereceive 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 systems, 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 yeaf. 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.

## CIGAR MANUFACTURES

There were 47 factories engaged in manufacturing cigars in Colorado on January 1, 1928, compared with 64 on the same date in 1927; 52 in 1926; 53 in 1925; 56 in 1924; 64 in 1923; 67 in 1922; and 57 in 1921. Five new factories were opened and 22 were closed in 1927; 23 were opened and 11 closed in 1926; and 11 opened and 12 closed in 1925. Quantities of tobacco used and number of cigars manufactured in the calendar years named were as follows:

Year	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		15,324,979
1920		13,843,994
1927	117 270	10,216,392
1021		0,002,210

# **Colorado Commercial Organizations**

A CTIVE commercial organizations in all parts of the state are doing excellent work toward building up their respective communities and developing the rich resources of the entire state. Almost every county in the state now has one or more of these organizations which are prepared to furnish direct and detailed information concerning resources, opportunities and attractions in the communities which they serve.

The following list includes those organizations which are members of the State Association of Commercial Organizations of Colorado, of which Elmore Petersen of the State university at Boulder is secretary. In addition to those organizations of a local nature it includes several of regional or statewide 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 ORGANI-ZATIONS

- State Association of Commercial Organizations of Colorado—Finlay L. MacFarland, Denver, president; Elmore Petersen, Boulder, secretary.
- 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 March 29, 1929:

#### Alamosa County

\*Alamosa—Alamosa Chamber of Commerce, W. W. Platt, president; Mrs. Margaret Guthrie, secretary.

#### Adams County

- Bennett—Commercial Club, R. A. Nye, president; A. O. Westerman, secretary.
- \*Brighton—Commercial Club, 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, F. E. O'Dell, president; A. E. Ferguson, secretary.
- \*Littleton—Civic and Commercial Association, L. Bertolett, president; Fred M. Moore, secretary.

#### Archuleta County

Pagosa Springs—Archuleta County Boosters Club, Charles F. Rumbaugh, president.

#### Baca County

Springfield — Chamber of Commerce, James M. Carpenter, president; I. N. Rich, secretary.

#### Bent County

\*Las Animas—Commercial Club, John W. Rawlings, president; G. F. Cooper, secretary.

#### Boulder County

- Allens Park—Chamber of Commerce, J. S. Tregamba, president; Wm. Morgan, secretary.
- \*Boulder—Chamber of Commerce, Henry M. Sayre, president; E. G. Fine, secretary.
- \*Longmont-Chamber of Commerce, J. F. Schwartz, 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, N. E. Davenport, president; Claude Fenn, secretary.

Cheyenne County Cheyenne Wells — Commercial Club, James H. Curtis, president; Herbert Ketcham, secretary.

#### Clear Creek County

- Empire—Commercial Association, G. H. Anderson, president; E. E. Koch, sec-
- Idaho Springs Clear Creek County Metal Mining Association, George A. Bauman, president; W. H. Stephens, secretary.

#### Conejos County

- Antonito-Commercial Club, H. R. Rob-erson, president; J. D. Frazey, secretary.
- Manassa—Commercial Club, C. P. Jen-sen, president; L. M. Haynie, secre-tary.

#### Costilla County

San Acacio-Commercial Club, Glen E. Barnes, secretary.

#### Crowley County

- Ordway-Lions Club, H. H. Brooks, president; E. B. Ragsdale, secretary.
- Sugar City—Service Club, L. A. Rich-ards, president; H. B. Coggeshall, sec-retary.

#### Delta County

- daredge—Commercial Club, Leo C. Jackisch, president; Miss Marian Mills, Cedaredge secretary.
- \*Delta—Delta Chamber of Commerce, Harold A. Hughes, president; J. F. Weeland, secretary.
- Hotchkiss-North Fork Chamber of Com-merce, H. S. Wood, president; C. R. Neill, secretary.
- Paonia—Chamber of Commerce, R. F. Rockwell, president; H. D. Garritson, secretary.

#### Denver County

- \*Denver-Chamber of Commerce, George
- Denver—Rocky Mountain Motorists, Inc., Charles C. Gates, president; Clar-ence Werthan, secretary.
   \*Denver—Rocky Mountain Old Colony
- Denver—Rocky Mountain Old Colony Club, I. I. Boak, president; Dudley R. Griggs, secretary. enver The Colorado Association; Claude K. Boettcher, chairman of the board; Wilbur F. Denious, president; B. M. Rastall, executive vice-presi-dent; Fred A. Sabin, vice-president; William I. Howbert, treasurer; R. B. Spencer, secretary; general offices, 511 Seventeenth St. Denver -Seventeenth St.

#### Eagle County

Eagle—Commercial and Improvement Association, W. M. H. Luby, president; H. D. Hudson, secretary.

#### Elbert County

- W. Elizabeth—Commercial Association, W. S. Bennett, president; H. S. Hundley, secretary.
- Simla—Commercial Club, Frank W. Bies-er, president; Otto P. Bieser, secretary.

#### El Paso County

\*Colorado Springs-Chamber of Com-merce, Myron S. Collins, president; E. E. Jackson, secretary.

#### Fremont County

\*Canon City-Chamber of Commerce, R. A. Ricketts, president; H. E. Dorval, Jr., secretary.

- \*Florence—Chamber of Commerce, R. F. Wright, president; S. G. Kelso, secretary.
- \*Penrose—Beaver Park Farm and Com-mercial Club, W. J. Brohman, presi-dent; V. J. Tarter, secretary.

#### Garfield County

- Carbondale-Community Club, W. A. E. De Beque, president; E. D. Tandy, secretary.
- Henwood Springs-Chamber of Com-merce, W. G. McDonald, president; C. \*Glenwood
- \*Grand Valley-Chamber of Commerce, T. B. Baum, president; R. J. Gebhardt, secretary.
- secretary. Rifle-Chamber of Commerce, Quince Hutton, president; Walter L. Wilder, secretary. Silt-Farmers' Union, H. B. Sink, presi-dent; 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, F. E. Keenan, president; Sam C. Hartman, secretary.

#### Huerfano County

\*La Veta—Commercial Club, Wm. Kin-caid, president; E. C. Stream, secretarv.

#### Jefferson County

\*Arvada Chamber of Commerce, Newton A. Olson, president; Marquis E. Johnson, secretary.

#### Kit Carson County

- Burlington—Chamber of Commerce, H. A. Keese, president; Orin Milburn, secretary.
- Flagler—Community Club, George M. Baxter, president; Gust Westman, sec-George M. retary.

#### La Plata County

\*Durango—Durango Exchange, J. P. Channel, president; Richard Nelson, secretary.

#### Larimer County

- Berthoud—Chamber of Commerce, M. N. Johnson, president; Paul McCandless, secretary
- \*Estes Park-Chamber of Commerce, Joe Mills, president; John Martin, Jr., secretary.
- \*Fort Collins—Chamber of Commerce, Sam L. Meyer, president; D. L. An-derson, secretary. \*Loveland—Chamber of Commerce, H, H. Kelley, president; R. R. Finley, sec-
- retary. Wellington—Commercial Club, E. A. Shinn, president; G. A. Etter, secre-

#### Las Animas County

\*Trinidad-Chamber of Commerce, W. P. Southard, president; C. G. Chamberlin, secretary.

## Lincoln County

Genoa-Commercial Club, Otto Horn,

president; W.M. Hoffman, secretary, Hugo-Commercial Club, G. Don Ran-dolph, president; J. J. Missemer, sec-

retary. Limon—Chamber of Commerce, R. P. Moore, president; J. H. Stewart, secretary.

#### Logan County

- \*Merino-Merino Progress Club, John I. Cochran, president; A. E. Propst, secretary.
- \*Sterlingof Commerce, -Chamber Mabry King, president; A. R. Butler, secretary.

#### Mesa County

- Collbran—Chamber of Commerce, W. M. Porter, president; S. D. Lieurance, secretary.
- De Beque—Chamber of Commerce, G. W. Heflin, president; Floyd H. Lischke, secretary.
- Fruita—Chamber of Commerce, A. ' Allen, president; J. S. Orr, 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, George A. Pughe, president; H. O. Nichols, secretary.

#### **L**ontezuma County

- Cortez-Montezuma County Chamber of Commerce, J. J. Downey, president; C. D. Gibson, secretary. Dolores-Commercial Club, R. C. Tucker, president; C. H. Webb, secretary. Mancos-Mancos Mesa Verde Club, Inc., John H. Steimle, president; J. H. Jack-son secretary.
- son, secretary.

#### Montrose County

- Montrose-Montrose Chamber of Com-merce, G. S. Jones, president; R. L. Loesch, secretary.
- Olathe-Chamber of Commerce, F. E. Spencer, president; Dr. R. V. Adler, secretary.

#### Morgan County

- Brush—Civic Club, J. P. Pitkin, presi-dent; Floyd A. Hansen, secretary. \*Fort Morgan—Chamber of Commerce, Willard Reid, president; R. R. Dren-
- nan, secretary. \*Orchard—Commercial Club, Joseph Kor-
- soski, secretary. Weldona—Chamber of Commerce, J. H. Hawkins, president; M. O. York, secretary.

#### Otero County

- \*Fowler—Chamber of Commerce, J. U. Griffin, president; Donald A. Buck,
- \*La Junta—Southeastern Colorado Chamber of Commerce, H. B. Dye, president;
  W. C. Sporleder, secretary.
  \*La Junta—Chamber of Commerce, M. F. Miller, president; W. C. Sporleder, secretary.
- retary.
- Manzanola—Commercial Club, J. H. Harriss, president; A. W. Warner, sec-
- retary. \*Rocky Ford—Chamber of Commerce, J. H. Price, president; J. L. Miller, secretary.

#### Ouray County

- Ouray—Ouray Recreation Association, Thomas Mowatt, president; R. E. Kul-lerstrand, secretary. Ridgeway—Commercial Association, C. A. Mel can president G. C. Harrow
- A. McLean, president; G. C. Huffnagle, secretary.

#### Phillips County

Holyoke—Chamber of Commerce, John S. Fletcher, president; R. L. Johnson, secretary.

#### **Prowers County**

- Granada-Granada Promotion Club, Ed.
- Granada—Granada F. Cox, secretary. Holly—Commercial Club, H. F. Decker, president; F. H. Allen, secretary. \*Lamar—Chamber of Commerce, J. R. Flamar—Chamber of Commerce, J. R.
- secretary. \*Wiley—Commercial Club, A. F. Esgar, president; R. H. Horner, secretary.

#### Pueblo County

\*Pueblo-Commerce Club, Ira K. Young, president; P. A. Gray, secretary.

#### Rio Blanco County

Meeker-Commercial Club, E. K. Baer, president; James Sheridan, vice-president.

#### **Rio Grande County**

Del Norte-Community Club, Louis Eick-enrodt, president; M. E. Lewis, secre-

tary. Monte Vista—Commercial Club, C. T. Elting, president; W. H. Barley, secre-

#### **Routt County**

- \*Hayden-Lions Club, E. B. Flanagan, president; M. F. Hofstetter, secretary. Oak Creek-Chamber of Commerce, R. K. Gwillium, president; Ed. Bell, secretary.
- Steamboat Springs—Commercial Club, C. A. Leukens, president; H. Clay Mon-son, secretary. \*Steamboat
- Steamboat Springs Moffat Tunnel League, Ed. Rich, president; M. S.
   Wheeler, secretary.
   Steamboat Springs—Sequoah Club, Ar-thur Jackson, secretary.

#### San Juan County

Silverton-Commercial Club, E. W. Wal-ter, president; James Pilling, secre-tary.

# San Miguel County

Telluride—Lions Club, Frank B. Wilson, president; W. E. Fleetwood, secretary.

#### Sedgwick County

\*Ovid—Chamber of Commerce, C. R. Johnson, president; Joe Brust, secretary.

#### Summit County

Breckenridge-Chamber of Commerce, O.

N. Bribach, secretary. Dillon—Chamber of Commerce, E. F. Heaton, president; I. W. Blundell, secretary.

#### Teller County

- Cripple Creek—Cripple Creek Motor and Commercial Club, Eugene F. Beagles, president.
- Victor-Chamber of Commerce, M. Dris-coll, president; O. R. Hagans, secretary.

#### Washington County

\*Otis—Commercial Club, R. E. Vincent, president; A. D. Leerskov, secretary.

#### Weld County

- Ault—Community Club, H. A. Stewart, president; Wm. R. Carder, secretary. \*Eaton—Eaton Luncheon Club, W. W. Watson, president; G. R. Walker, secretary.
- Erie—Consolidated Commercial Associa-tion, Wm. Nicholson, president; C. R. Hunt, secretary.
- \*Greeley—Chamber of Commerce, Thos. M. Welsh, president; George J. Mayer, secretary.

- Greeley-Weld County Commercial Club, C. G. Wilson, president; H. F. Bedford, secretary.
- \*Grover—Chamber of Commerce, D. A. Leathers, secretary.
- Hudson-Commercial Club, John Foster, secretary.
- Johnstown—Commercial Club, John W. Parish, president; Carl Krause, secretary.
- Kersey—Commercial Club, J. H. Christman, president.
- Milliken—Community Club, A. S. White, secretary.
- Pierce—Pierce Co-operative Club, George W. Ball, president; John E. Shafer, secretary.
- \*Windsor—Community Association, W. T. Boreing, secretary.

#### Yuma County

Eckley-Rowanis Club, R. M. Tillatson, president; Lauritz Petersen, secretary.

Wray—Chamber of Comerce, H. A. Cox, president; Joes C. Graham, secretary. Yuma—Chamber of Commerce, H. H. Warriner, president; C. E. Fritts, secretary.

\*Members of State Association of Commercial organizations as of March 22, 1929.

#### LYNCHING RECORD

Colorado is one of the few states of the Union in which no lynchings have occurred in the eight years ending with 1927, according to the annual summary of the Tuskogee Institute. Of 4,266 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.

# **Bank Statistics**

THERE were 285 banks, including state and national, in Colorado on December 31, 1928, with aggregate deposits of \$327,598,487. This compares with 318 banks with \$321,062,937 in deposits at the close of 1925, and 402 banks with deposits aggregating \$296,-208,939 on December 31, 1920. In the eight-year period ending with 1928 the number of banks decreased 29.1 per cent and the aggregate deposits increased 25.5 per cent. Bank deposits on December 31, 1920, were equal to \$315.24 per capita, compared with \$341.03 per capita on December 31. 1928, based on the census bureau's estimates on population.

An accompanying table shows the loans and discounts and deposits of all banks by counties in 1927, and the same information, with total assets, for 1928. Loans and discounts and total deposits of all banks in the state on December 31 of the years named, were as follows:

Year	Loans and Discounts	Deposits
1917	\$157,317,093	\$257,115,163
1918	164,633,522	255,887,032
1919	211,091,565	319,594,259
1920	219,304,441	296,208,940
1921	189,272,334	270,207,825
1922	193,293,543	304,585,907
1923	188,994,721	299,786,014
1924	181,523,400	329,909,726
1925	169,220,508	321,062,937
1926	165,407,957	321,696,881
1927	162,723,310	321,739,131
1928	172.236.431	327.598.487

## 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

	the second s	and a second			and the second sec
	Decembe	r 31, 1927	De	ecember 31, 192	8
COUNTY	Loans and Discounts	Deposits	Loans and Discounts	Deposits	Total Assets
Adams Alamosa Arapahoe Archuleta	\$ 1,312,070 918,343 1,134,743 105,703	\$ 2,203,949 1,852,515 2,092,507 288,325	$ \begin{array}{c} 1,470,761\\ 907,932\\ 1,033,260\\ 160,296 \end{array} $	\$ 2,036,144 1,877,557 2,166,408 335,499	\$ 2,296,186 2,113,377 2,546,633 390,847
Baca Bent Boulder	406,722 794,075 4,315,176	691,782 1,018,295 7,986,772	494,768 941,507 4,544,587	$810,174 \\ 1,237,907 \\ 7,970,629$	913,242 1,470,131 9,515,546
Chaffee Cheyenne Clear Creek. Conejos Costilla Crowley Custer	588,909266,054331,149423,534122,689327,32498,836	$\begin{array}{r} 1,961,191\\ 263,408\\ 515,549\\ 651,466\\ 176,448\\ 619,648\\ 294,641 \end{array}$	$\begin{array}{r} 686,651\\ 261,980\\ 302,888\\ 449,100\\ 126,640\\ 339,249\\ 135,219\end{array}$	$\begin{array}{r} 2,095,418\\ 291,660\\ 498,427\\ 683,175\\ 251,211\\ 777,232\\ 283,775\end{array}$	$\begin{array}{r} 2,354,561\\ 391,396\\ 671,088\\ 806,203\\ 289,787\\ 977,129\\ 344,162\end{array}$
Delta Denver Dolores*	2,234,546 81,756,022	3,959,681 166,431,905	1,896,646 87,337,035	2,882,051 167,260,730	3,386,420 185,504,661
Douglas Eagle Elbert El Paso	412,818 237,908 521,874 12,612,784	575,782 536,450 941,337 19,631,503	408,177 212,741 650,843 12,717,207	655,695 530,507 994,175 20,712,848	779,201 589,229 1,155,561 23,595,294
Fremont	1,686,752	4,736,917	1,853,744	5,031,438	5,473,415
Garfield Gilpin Grand Gunnison	$\substack{\textbf{1,631,392}\\\textbf{16,345}\\\textbf{155,858}\\\textbf{604,808}}$	3,578,505 244,436 422,303 1,739,070	$1,766,766\\18,506\\360,887\\714,160$	3,615,055 278,393 510,911 1,845,310	4,129,710 341,760 567,915 2,123,785
Hinsdale* Huerfano	1,071,437	2,565,527	1,164,119	2,706,853	2,977,719
Jackson* Jefferson	608,706	1,257,609	541,235	1,383,906	1,558,284
Kiowa Kit Carson	246,845 735,413	261,046 925,039	$267,012 \\ 562,840$	$334,041 \\ 720,031$	432,835 908,831
Lake La Plata Larimer Las Animas Lincoln Logan	240,920 1,381,733 5,572,518 3,550,563 730,835 1,516,945	$1,422,256 \\ 3,204,190 \\ 7,676,240 \\ 8,631,641 \\ 880,365 \\ 2,581,976$	$\begin{array}{r} 148,699\\ 1,755,513\\ 5,601,991\\ 4,248,094\\ 647,045\\ 2,006,161\end{array}$	$\begin{array}{r} 1,478,452\\ 3,340,127\\ 7,699,200\\ 9,253,184\\ 923,780\\ 2,386,294\end{array}$	$\begin{array}{r} 1,605,984\\ 3,804,886\\ 10,266,100\\ 10,314,307\\ 1,169,576\\ 2,853,276\end{array}$
Mesa Mineral*	2,294,609	4,488,880	2,361,074	4,653,271	5,148,121
Moffat Montezuma Montrose Morgan	391,786 918,178 1,112,882 2,595,357	$\begin{array}{r} 793,800\\ 1,619,558\\ 2,157,758\\ 3,239,552\end{array}$	$\begin{array}{r} 444,813\\998,056\\1,288,724\\2,808,678\end{array}$	768,528 1,922,504 2,343,817 3,272,030	843,564 2,218,394 2,846,475 4,055,263
Otero Ouray	1,796,765 251,298	2,873,982 425,789	$1,913,050 \\ 243,516$	2,888,600 467,580	3,556,248 542,472
Park Phillips Pitkin Prowers Pueblo	$77,831 \\1,045,530 \\96,690 \\1,366,882 \\9,006,116$	$\begin{array}{r} 225,216\\ 1,455,588\\ 542,012\\ 2,046,008\\ 25,791,449\end{array}$	122,5231,049,83599,7581,427,9409,091,772	$248,406 \\ 1,413,293 \\ 473,785 \\ 2,135,613 \\ 29,605,631$	311,950 1,834,800 516,835 2,582,971 32,685,888
Rio Blanco Rio Grande Routt	442,203 1,546,044 834,686	883,906 2,133,203 1,239,448	$552,294 \\ 1,473,742 \\ 924,841$	938,387 1,760,481 1,315,391	1,031,258 2,126,805 1,514,739
Saguache San Juan San Miguel Sedgwick Summit	690,282 105,892 928,031 480,092 83,503	866,009 573,092 1,190,535 796,225 205,339	646,618 94,297 806,377 547,467 57,588	848,534 584,102 917,270 752,235 173,697	1,042,455 698,273 1,182,802 949,765 205,462
Teller	359,751	2,585,353	431,285	2,249,779	2,309,881
Washington Weld	335,519 6,154,818	575,888 10,563,324	328,630 6,585,005	543,243 9,850,846	694,923 12,081,781
Yuma	1,136,216	1,605,943	1,202,289	1,613,267	2,122,770
State	\$162,723,310	\$321,739,131	\$172,236,431	\$327,598,487	\$371,722,374

# COLORADO BANK STATISTICS

# **Colorado Banks**

#### Adams County

First National Bank	Aurora
Bennett State Bank	Bennett
American State Bank	Brighton
Farmers State Bank	Brighton
First National Bank	Brighton
East Lake State Bank	East Lake

#### Alamosa County

Alamosa National	Bank	Alamosa
American National	Bank	Alamosa
First State Bank	of Alamosa	Alamosa
Hooper State Bank		Hooper

#### Arapahoe County

Byers State Bank	Byers
First National Bank	_Deer Trail
First National Bank	Englewood
Englewood State Bank	Englewood
First National Bank	Littleton
Littleton National Bank	Littleton
First National Bank	Strasburg

#### Archuleta County

Citizens Bank of Pagosa Springs\_\_\_\_\_ Pagosa Springs

#### Baca County

First Na	tional	Bank	Springfield
Bank of	Baca	County	Two Buttes
Colorado	State	Bank	Walsh

#### Bent County

Bent County Bank\_\_\_\_\_Las Animas Commercial Bank of Las Animas\_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	Lafavette
First National Bank	Longmont
Colorado Bank & Trust Co	Longmont
Longmont National Bank	Longmont
First State Bank of Louisville	Louisville
State Dank of Lyong	Luona
Nimot State Pank	Nimot
NIWUL State Dank	

## Chaffee County

First National Bank	Buena Vista
First National Bank	Salida
Commercial National	BankSalida

#### Cheyenne County

Cheyenne County State Bank\_Cheyenne Wells Kit Carson State Bank\_\_\_\_\_Kit Carson

#### Clear Creek County

Bank	of	George	etown	Georgetown
Bank	of	Idaho	Springs_	Idaho Springs
First	Na	tional	Bank	Idaho Springs

## Conejos County

Commercial St	ate Bank	Antonito
First National	Bank	La Jara
Colonial State	Bank	Manassa

#### Costilla County

Blan	ca Si	tate i	SankBI	anca
San	Luis	State	BankSan	Luis

#### Crowley County

Crowley State	Bank	Crowley
<b>First National</b>	Bank_	Ordway
Ordway State	Bank_	Ordway
Olney Springs	State	BankOlney Springs
State Bank of	Sugar	CitySugar City

# Custer County

# Westcliffe State Bank\_\_\_\_\_Westcliffe

# Delta County First National Bank.....Cedaredge Crawford State Bank....Crawford Colorado Bank & Trust Co...Delta First National Bank....Delta First National Bank.....Hotchkiss North Fork State 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
Union Deposit & Trust Co	Denver
United States National Bank	Denver
National City Bank	Denver

#### **Dolores** County

No Banks.

# Douglas County

Castle Rock	State Bank_	Castle Rock
First Nation	al Bank	Castle Rock
Douglas Cou	nty Bank	Parker

# Eagle County

First National Bank\_\_\_\_\_Eagle

#### Elbert County

Agate Star	te Bank	Agate
Elbert Co	unty State Bank	Elbert
Elizabeth	State Bank	Elizabeth
Kiowa Sta	te Bank	Kiowa
Stockgrow	ers State Bank	Kiowa
Simla Sta	te Bank	Simla

### El Paso County

First State Bank of Calhan	Calhan
City National BankColorado S	Springs
Colorado Savings BankColorado S	Springs
Colorado Springs National Bank	
Colorado S	Springs
Colorado Title & Trust CoColorado S	Springs
Exchange National BankColorado	Springs
First National BankColorado	Springs
State Savings BankColorado S	Springs
First National BankFo	ountain
Bank of ManitouN	<b>Ianitou</b>
Farmers State Bank	Peyton
State Bank of Ramah	Romah

#### Fremont County

Colorado State Bank	Canon City
First National Bank	Canon City
Fremont County National B	ankCanon 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\_\_\_\_\_ Hot Sulphur Springs Bank of Kremmling\_\_\_\_\_\_Kremmling

#### Gunnison County

Bank of Crested Butte\_\_\_\_\_Crested Butte First National Bank\_\_\_\_\_Gunnison Gunnison Bank & Trust Co.\_\_\_\_Gunnison

## Hinsdale County

No Banks.

#### Huerfano County

First National Bank\_\_\_\_\_\_Uave Veta First National Bank\_\_\_\_\_\_Walsenburg Guaranty State Bank\_\_\_\_\_Walsenburg

#### Jefferson County

First National Bank\_\_\_\_\_Arvada Rubey National Bank\_\_\_\_\_Golden

#### Kiowa County

First	Nation	al Bank	د		Eads
Eads	State	Bank	_		Eads
People	s Stat	e 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
Vone State Bank	Vona

#### Lake County

Carbonate American Nat'l Bank\_\_\_\_Leadville

#### La Plata County

<b>Burns</b> National	Bank	Durango
Durango Trust	Company	Durango
First National	Bank	Durango
Ignacio State B	ank	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

<b>Commercial Saving</b>	s Bank	_Trinidad
First National Ban	1k	_Trinidad
Trinidad National	Bank	_Trinidad

#### Lincoln County

First	National	Bank		Genoa
First	National	Bank_		Hugo
First	National	Bank		Limon
Limo	n Nation	al Banl	<i>د</i>	Limon

#### Logan County

First State Bank	Crook
Dailey State Bank	Dailey
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 Rank	Sterling

#### Mesa County

Stockman's Bank	Collbran
Bank of DeBeque	DeBeque
First National Bank	Fruita
Grand Valley National Bank Grand	Junction
United States BankGrand	Junction
Palisades National Bank	Palisades

#### Mineral County

No Banks.

#### Moffat County

Craig	National	BankC	Craig
First	National	BankC	Craig

#### Montezuma County

Monte	ezuma	Val	lley	Nation	nal	Bank_	Cortez
J. J.	Harris	&z	Con	mpany,	Ba	inkers_	Dolores
First	Natior	nal	Bar	nk			Mancos

#### Montrose County

First National	l Bank	Montrose
Montrose Nat	ional Bank	Montrose
First Nationa	l 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 BankI	Rocky Ford
First State Bank	Swink

#### **Ouray** County

Citizens	3	State	Bank	Ouray
Bank o	of	Ridgy	way	Ridgway

## Park County

Bank	OI	AlmaAlma
Bank	of	FairplayFairplay

#### 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
Holly State 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	Rve

#### **Rio Blanco County**

First	Nation	al Bank_	Meeker
First	State	Bank	Meeker

#### **Rio Grande County**

Bank of Del Norte		Del Norte
Rio Grande State	Bank	Del Norte
First National Ba	nk	Monte Vista
Monte Vista Bank	& Trust	CoMonte Vista
The Wallace State	Bank	Monte Vista

Routt County
Yampa Valley BankHayden
Oak Creek State BankOak Creek
Bank of Steamboat Springs_Steamboat Springs
First National BankSteamboat Springs
Bank of YampaYampa
Saguache County
First National BankCenter
Peoples State BankCenter
Bank of MoffatMoffat
Saguache County BankSaguache
San Juan County
First National BankSilverton
San Miguel County
Norwood State BankNorwood
Bank of TellurideTelluride
Sedgwick County
First National Bank Julesburg
State Bank of Ovid
First National BankSedgwick
Summit County
East Date E L D L D L 11
Engle Brotners Exchange Bank_Breckenridge
Teller County
First National BankCripple Creek

#### Washington County

Bank of Akro	n	Akron
Citizens Natio	nal Bank	Akron
Farmers State	Bank	Cope
First National	Bank	Otis

#### Weld County

Farmers National Bank	Ault
First 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
Farmers State Bank	Gilcrest
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	Wrav
Peoples State Bank	Wray
National Bank	Wray

# **Colorado Postoffices**

OLORADO had on January 1, 1929, a total of 763 postoffices, of which 59 belonged to the first and second classes and 704 were designated as third and fourth class postoffices. This is an increase of four in the first and second classes and a decrease of 22 in the third and fourth classes, as compared with January 1, 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 all postoffices in the state in 1928 aggregated \$6,384,514, compared with \$6,317,486 in 1927, an increase of \$67,028. Sales in 1926 were \$6,030,705, compared with \$5,601,980 in 1925, an increase of \$428,725. The increase in 1927 over 1926 was \$286,781. These figures do not include receipts from money orders and other sources of revenue. The stamp sales of first and second class postoffices in 1928 aggregated \$5,700,006 in 1928, compared with \$5,608,286 in 1927; \$5,301,-024 in 1926; and \$4,837,745 in 1925. Stamp sales of third and fourth class postoffices were \$684,508 in 1928; \$709,-200 in 1927; \$729,681 in 1926; and \$764,235 in 1925.

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 postoffice 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.

# FIRST AND SECOND CLASS POSTOFFICES AND STAMP SALES

		Stamp Sales			
Postoffice	County	1925	1926	1927	1928
Akron	Washington	\$ 10,512	\$     9,466	\$     9,264	\$
Alamosa	Alamosa	30,979	30,637	31,534	
Arvada	Jefferson	*	*	*	
Boulder	Boulder	. 102,463	101,145	109,884	103,390
Brighton	Adams	14,717	15,409	16,336	16,526
Brush	Morgan	13,198	13,985	13,969	13,878
Burlington	Kit Carson	12,400	12,878	12,186	13,128
Canon City	Fremont	39,952	41,466	41,339	40,262
Colorado Springs	El Paso	256,657	266,483	254,574	293,355
Craig	Moffat	12,975	11,999	12,629	13,403
Cripple Creek	Teller	8,260	9,117	8,643	9,261
Delta	Delta	21,605	23,082	22,117	22,004
Del Norte	Rio Grande	*	*	*	8,307
Denver	Denver	2,955,068	3,391,673	3,688,955	3,730,058
Durango	La Plata	40,406	41,059	42,710	41,460
Eaton	Weld	8,646	9,100	9,210	8,697
Estes Park	Larimer	13,195	12,914	12,893	11,687
Florence	Fremont	15,039	14,625	15,183	15,178
Fort Collins	Larimer	80,113	74,205	76,112	75,617
Fort Lupton	Weld	8,069	8,774	8,951	8,603
Fort Morgan	Morgan	27,112	27,358	28,085	27,835
Glenwood Springs	Garfield	19,106	20,311	19,871	19,299
Golden	Jefferson	15,733	16,330	16,770	17,429
Grand Junction	Mesa	117,816	114,841	120,269	118,471
Greeley	Weld	86,362	85,494	90,793	91,036
Gunnison	Gunnison	13,496	14,088	14,117	13,811
Haxtun	Phillips	*	*	*	8,072
Holly	Prowers	7,648	7,616	8,155	7,562
Holyoke	Phillips	9,671	9,558	9,729	9,564
Idaho Springs	Clear Creek	9,053	8,168	8,372	7,633
Julesburg	Sedgwick	8,466	9,836	11,661	9,896
La Junta Lamar Las Animas Leadville Limon Littleton Loveland	Otero Prowers Bent Lake Lincoln Arapahoe Boulder Larimer	32,140 29,026 15,700 19,612 6,996 15,653 24,490 23,326	35,774 29,730 14,710 20,419 7,549 15,034 29,207 23,523	34,181 29,867 15,327 20,035 7,475 17,754 26,468 23,318	34,653 29,955 15,099 18,557 7,477 20,386 30,731 23,456
Manitou	El Paso	14,237	14,550	13,974	12,963
Meeker	Rio Blanco	8,569	8,486	9,709	9,569
Monte Vista	Bio Grande	18,379	18,797	20,488	18 253
Montrose	Montrose	27,071	27,076	26,488	27,004
Oak Creek	Routt	7,707	7,142	7,174	7,388
Palisades	Mesa	11,499	10,686	8,759	7,225
Paonia	Delta	12,313	12,775	11,127	11,731
Pueblo	Pueblo	355,075	370,550	366,544	347,538
Rifle	Garfield	9,853 26,279	9,973 28,603	10,504	11,056
Salida	Chaffee	22,967	23,835	24,898	25,399
Steamboat Springs Sterling	Baca Routt Logan	* 12,081 42,745	13,057 39,145	13,602 39,360	8,963 14,097 44,327
Telluride	San Miguel	9,656	9,117	7,949	6,142
Trinidad	Las Animas	78,173	77,154	76,691	81,817
Victor	Teller	8,369	8,317	8,050	8,146
Walsenburg	Huerfano	25,545	23,841	24,244	24,831
Wray	Yuma	12,165	11,254	10,667	10,242
Yuma	Yuma	9,402	9,103	9,066	9,090
Total		\$4,837,745	\$5,301,024	\$5,608,286	\$5,700,006

 $\ast$  Included in aggregate for third and fourth class offices, in which classification these offices were carried until recently.

#### **GOVERNMENT OWNED POSTOFFICE PROPERTIES IN COLORADO**

Location	Building	Site Cost	Building Cost
Boulder. Canon City. Colorado Springs. Denver. Denver. Durango. Fort Collins. Fort Collins. Fort Morgan. Glenwood Springs. Grand Junction. Greeley. La Junta. Leadyille. Monte Vista. Montrose. Pueblo. Sterling. Trinidad.	P. O P. O P. O Custom House New P. O P.	\$ 10,000 11,000 65,000 486,801 10,000 12,000 9,785 9,500 9,800 *38,508 \$1 12,000 3,900 \$21,850 \$1 15,000 \$1 \$780,147	\$ 59,951.85 (No Bldg.) 241,582.98 600,317.97 1,999,869.31 f 87,893.74 47,412.99 83,951.96 173,899.17 102,011.21 84,934.84 71,469.97 (No Bldg.) (No Bldg.) (No Bldg.) (No Bldg.) 74,931.35 <b>\$3,927,218,27</b>

\* Condemnation proceedings resulted in an award of \$38,508; citizens agreed to pay any amount awarded over \$15,000, which was the cost to the government for said site.

<sup>†</sup> Condemnation proceedings resulted in an award of \$21,850; citizens agreed to pay any amount awarded over \$15,000, which was the cost to the government for said site.

‡ Sites donated.

£ Contract awarded (\$116,277); building not yet completed.

# Third and Fourth Class Postoffices

Post Office	County	Post Office	County	Post Office	County
Abarr <sup>1</sup>	Yuma	Baldwin <sup>1</sup>	Gunnison	Burns <sup>1</sup>	Eagle
Ackmen <sup>1</sup>	Montezuma	Barela <sup>1</sup>	Las Animas	<sup>4</sup> Byers <sup>2</sup>	Arapahoe
Adams City <sup>1</sup> .	Adams	Barnesville <sup>1</sup>	Weld	Caddoa <sup>2</sup>	Bent
Adena <sup>1</sup>	Morgan	Bartlett	Baca	Cahone <sup>1</sup>	Dolores
Agate <sup>1</sup>	Elbert	Barr Lake <sup>1</sup>	Adams	Caisson	Moffat
Aguilar <sup>2</sup>	Las Animas	<sup>4</sup> Basalt <sup>2</sup>	Eagle	Calcite <sup>1</sup>	Fremont
Alamo <sup>1</sup>	Huerfano	Battle Creek <sup>1</sup>	Routt	Calhan <sup>2</sup>	El Paso
(Alcott Stati	on)Denver	<sup>4</sup> Bayfield <sup>2</sup>	La Plata	Cameo <sup>1</sup>	Mesa
Alcreek <sup>1</sup>	Las Animas	Bear River <sup>1</sup>	Routt	Camp Genter	Gunnison
Allenspark <sup>1</sup> .	Boulder	Bedrock <sup>1</sup>	Montrose	Campo <sup>2</sup>	Baca
Allison <sup>1</sup>	La Plata	Beecher Island.	Yuma	(Capitol Hill Sta.	.)Denver
Alma <sup>1</sup>	Park	Bellvue <sup>1</sup>	Larimer	Capulin <sup>1</sup>	Conejos
<sup>3</sup> Almont <sup>1</sup>	Gunnison	Bennett <sup>2</sup>	Adams	<sup>4</sup> Carbondale <sup>2</sup>	Garfield
Alvin <sup>1</sup>	Yuma	Berthoud <sup>2</sup>	Larimer	Carlton <sup>1</sup>	Prowers
Amherst <sup>1</sup>	Phillips	Berwind <sup>2</sup>	Las Animas	Carr <sup>1</sup>	Weld
Amity <sup>2</sup>	Prowers	Bethune <sup>1</sup>	Kit Carson	Carr Crossing <sup>1</sup>	Lincoln
Amy <sup>1</sup>	Lincoln	Beulah <sup>1</sup>	Pueblo	Cary Ranch	Routt
Andrix <sup>1</sup>	Las Animas	Blackhawk <sup>2</sup>	Gilpin	Cascade <sup>1</sup>	El Paso
Antlers <sup>1</sup>	Garfield	Blaine <sup>1</sup>	Baca	Cassells <sup>1</sup>	Park
Antonito <sup>2</sup>	Conejos	Blanca <sup>2</sup>	Costilla	Castle Rock <sup>2</sup>	Douglas
Apex <sup>1</sup>	Gilpin	Bloom <sup>1</sup>	Otero	Cebolla	Gunnison
Arapahoe <sup>2</sup> _	Cheyenne	Bonanza <sup>2</sup>	Saguache	Cedar <sup>1</sup>	-San Miguel
Arboles <sup>1</sup>	Archuleta	Boncarbo <sup>1</sup>	_Las Animas	<sup>4</sup> Cedaredge <sup>2</sup>	Delta
Arickaree <sup>1</sup>	Washington	Boone <sup>2</sup>	Pueblo	Cedarwood <sup>1</sup>	Pueblo
Arlington <sup>1</sup>	Kiowa	Bovina <sup>1</sup>	Lincoln	Center <sup>1</sup>	Saguache
Armel <sup>1</sup>	Yuma	Bowie <sup>1</sup>	Delta	Centerville <sup>1</sup>	Chaffee
Aroya <sup>1</sup>	Cheyenne	Boyero <sup>1</sup>	Lincoln	<sup>4</sup> Central City <sup>2</sup>	Gilpin
Arriba <sup>2</sup>	Lincoln	Brandon <sup>1</sup>	Kiowa	Chama <sup>1</sup>	Costilla
Arriola <sup>1</sup>	Montezuma	Branson <sup>2</sup>	Las Animas	Chandler <sup>1</sup>	Fremont
'Arvada <sup>2</sup>	Jefferson	'Breckenridge <sup>2</sup>	Summit	Cheneycenter <sup>1</sup>	Prowers
<sup>4</sup> Aspen <sup>2</sup>	Pitkin	Breen <sup>1</sup>	La Plata	Cheraw <sup>1</sup>	Otero
Association	Camp <sup>3</sup> Larimer	Briggsdale <sup>2</sup>	Weld	Cherokee Park	Larimer
Atchee <sup>1</sup>	Garfield	<sup>4</sup> Bristol <sup>2</sup>	Prowers	<sup>4</sup> Cheyenne Wells <sup>2</sup> _	Cheyenne
Atwood <sup>1</sup>	Logan	Brodhead <sup>1</sup>	Las Animas	Chivington <sup>1</sup>	Kiowa
<sup>4</sup> Ault <sup>2</sup>	Weld	Brook Forest	Jackson	Chromo <sup>1</sup>	Archuleta
Aurora <sup>2</sup>	Adams	Brookston	Routt	Cimarron <sup>1</sup>	Montrose
Austin <sup>2</sup>	Delta	Brookvale <sup>1</sup>	Clear Creek	Clark <sup>1</sup>	Routt
Avalo <sup>1</sup>	Weld	Broomfield <sup>1</sup>	Boulder	Cliffdale <sup>1</sup>	Jefferson
Avon <sup>1</sup>	Eagle	Buckingham <sup>2</sup>	Weld	<sup>4</sup> Clifton <sup>2</sup>	Mesa
Avondale <sup>1</sup>	Pueblo	'Buena Vista <sup>2</sup>	Chaffee	Climax <sup>1</sup>	Lake
Axial <sup>1</sup>	Moffat	Buffalo Creek <sup>1</sup>	Jefferson	Coalcreek <sup>2</sup>	Fremont
Ayer	Otero	Buford <sup>1</sup>	Rio Blanco	Coaldale <sup>1</sup>	Fremont
Bailey <sup>1</sup>	Park	Burdett <sup>1</sup>	Washington	Coalmont <sup>1</sup>	Jackson

Post Office County 
 Post Office
 County

 Cokedale<sup>1</sup>\_\_\_\_\_Las Animas
 Collbran<sup>2</sup>\_\_\_\_\_\_Mesa

 Colona<sup>1</sup>\_\_\_\_\_\_Ouray
 Colona<sup>1</sup>\_\_\_\_\_\_Routy

 Columbine<sup>1</sup>\_\_\_\_\_\_Routy
 Routy
 Crested Butte-\_\_\_\_Gunnison Crestone' \_\_\_\_\_Saguache Critchell \_\_\_\_\_Jefferson Crook<sup>2</sup> \_\_\_\_\_Logan Cross Mountain<sup>1</sup> \_\_\_\_Moffat Crossons \_\_\_\_\_Jefferson Crowley<sup>1</sup> \_\_\_\_\_Crowley Crossons \_\_\_\_\_\_Jefferson Crowley<sup>1</sup> \_\_\_\_\_\_Crowley Cuchara Camps\_\_\_\_Huerfano Cumbres<sup>1</sup> \_\_\_\_\_\_Conejos Dacona<sup>1</sup> \_\_\_\_\_\_Weld Dailey<sup>1</sup> \_\_\_\_\_\_Logan Dalerose<sup>1</sup> \_\_\_\_\_\_Logan Dalerose<sup>1</sup> \_\_\_\_\_\_Logan Deckers<sup>1</sup> \_\_\_\_\_\_Nouglas Decertrail<sup>2</sup> \_\_\_\_\_\_Arapahoe Delagua<sup>2</sup> \_\_\_\_\_\_Las Animas Delcarbon<sup>1</sup> \_\_\_\_\_\_Huerfano Delhi<sup>1</sup> \_\_\_\_\_\_Las Animas De Nova<sup>1</sup> \_\_\_\_\_\_Washington Deora<sup>1</sup> \_\_\_\_\_\_\_Baca De Nova'\_\_\_\_\_Washington Deorai \_\_\_\_\_Baca Derby<sup>1</sup> \_\_\_\_\_Adams Dicks\_\_\_\_\_Las Animas Dillon<sup>1</sup> \_\_\_\_\_Sumit Divide<sup>1</sup> \_\_\_\_\_Teller Dolores<sup>2</sup> \_\_\_\_\_Montezuma Dove Creek<sup>1</sup> \_\_\_\_\_Dolores Dove Creek<sup>1</sup>\_\_\_\_\_Dolores Dover<sup>1</sup>\_\_\_\_\_Weld Doyleville<sup>1</sup>\_\_\_\_Gunnison Drake<sup>4</sup>\_\_\_\_\_Larimer (Drennan R. Sta.) Colorado Springs\_\_\_\_\_El Paso Dumont<sup>1</sup>\_\_\_\_Clear Creek Dunkley<sup>1</sup>\_\_\_\_\_Clear Creek Dunkley<sup>1</sup>\_\_\_\_\_Clear Creek Dunkley<sup>1</sup>\_\_\_\_\_Routt Dunkley<sup>1</sup>\_\_\_\_\_Routt Dunkley<sup>1</sup>\_\_\_\_\_Adams 4Eagle<sup>2</sup>\_\_\_\_\_\_Eagle Eastlake<sup>1</sup>\_\_\_\_\_Adams byte \_\_\_\_\_Archuleta Eads<sup>2</sup> \_\_\_\_\_\_Eagle Eastanke<sup>1</sup> \_\_\_\_\_\_Eagle Eastonville<sup>1</sup> \_\_\_\_El Paso Eckert<sup>2</sup> \_\_\_\_\_Delta Eckley<sup>2</sup> \_\_\_\_\_\_Yuma 'Edgewater<sup>2</sup> \_\_\_\_\_Jefferson Elder<sup>1</sup> \_\_\_\_\_\_Baca Edwards<sup>2</sup> \_\_\_\_\_Eagle Eggers \_\_\_\_\_\_Eagle Eggers \_\_\_\_\_\_Eagle Eggers \_\_\_\_\_\_Eagle Elba<sup>1</sup> \_\_\_\_\_\_Washington Elbert<sup>2</sup> \_\_\_\_\_Elbert 'Eldora<sup>1</sup> \_\_\_\_\_\_Boulder Elizabeth<sup>2</sup> \_\_\_\_Elbert Eli Springs \_\_\_\_\_\_Moffat El Moro<sup>1</sup> \_\_\_\_\_Las Animas Empire<sup>2</sup> \_\_\_\_\_\_Clear Creek Englewood<sup>2</sup> \_\_\_\_\_\_Arapahoe Erie<sup>2</sup> \_\_\_\_\_\_\_Wedd Escalante Forks \_\_\_\_\_\_Mesa Eskidale<sup>1</sup> \_\_\_\_\_\_Adams Espinoza<sup>1</sup> \_\_\_\_\_Conejos Estabrook<sup>1</sup> \_\_\_\_Park Eureka<sup>2</sup> \_\_\_\_\_San Juan Evans<sup>1</sup> \_\_\_\_\_Weld Evergreen<sup>3</sup> \_\_\_\_\_Park Falcon<sup>1</sup> \_\_\_\_\_El Paso Falfa<sup>1</sup> \_\_\_\_\_La Plata Fariaita \_\_\_\_\_\_La Plata

Farisita \_\_\_\_\_Huerfano

Farr <sup>1</sup>	County
1 all	Huerfano
Firestone <sup>1</sup>	Weld
Firstview <sup>1</sup>	Chevenne
Fitzsimons <sup>2</sup>	Adams
Flagler <sup>2</sup>	Kit Carson
Fleming <sup>2</sup>	Logan
Florissant <sup>1</sup>	Teller
Floyd Hill	Clear Creek
Flues*	Las Animas
Fonderl	Elbert
Fort Garland <sup>1</sup>	Costilla
Fort Logan <sup>2</sup>	Arapahoe
Fort Lyon <sup>2</sup>	Bent
Fosston <sup>1</sup>	Weld
Fountain <sup>2</sup>	El Paso
<sup>4</sup> Fowler <sup>2</sup>	Otero
Foxton <sup>1</sup>	Jefferson
Franktown'	Douglas
Fraser*	Grand Wold
Friscol	Summit
<sup>4</sup> Fruita <sup>2</sup>	Mesa
Galatea <sup>1</sup>	Kiowa
Galeton <sup>1</sup>	Weld
Garcia <sup>1</sup>	Costilla
Gardner <sup>1</sup>	Huerfano
Garfield	Chaffee
Garo <sup>1</sup>	Park
Gary <sup>1</sup>	Morgan
Gateway <sup>*</sup>	Mesa
Genoa-	Clear Creek
Gilcrest <sup>1</sup>	Weld
Gill <sup>1</sup>	Weld
Gilman <sup>2</sup>	Eagle
Gladel1	_San Miguel
Glade Park1	Mesa
Glen Haven	Larimer
Glendevy	Larimer
Glentivar	Park
Gold Hill <sup>1</sup>	Boulder
Goodrich <sup>1</sup>	Morgan
Gordon <sup>1</sup>	Huerfano
Gorham <sup>1</sup>	Boulder
Gowanda <sup>1</sup>	Weld
Graft <sup>1</sup>	Baca
Graft <sup>1</sup> <sup>4</sup> Granada <sup>2</sup>	Baca
Graft <sup>1</sup> <sup>4</sup> Granada <sup>2</sup> Granby <sup>2</sup>	Baca Prowers Grand
Graft <sup>1</sup> <sup>4</sup> Granada <sup>2</sup> Granby <sup>2</sup> Grand Lake <sup>2</sup>	Baca Prowers Grand
Graft <sup>1</sup> <sup>4</sup> Granada <sup>2</sup> Grandy <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley	Baca Prowers Grand Grand Garfield
Graft <sup>1</sup> <sup>4</sup> Granada <sup>2</sup> Grandy <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup>	Baca Prowers Grand Grand Garfield Chaffee
Graft <sup>1</sup> Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup>	Baca Prowers Grand Garfield Chaffee
Graft <sup>1</sup> 'Granada <sup>2</sup> Grandy <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Knoll <sup>1</sup>	Baca Prowers Grand Grand Carfield Chaffee Moffat
Graft <sup>1</sup> 'Granada <sup>2</sup> Grand Valley Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Ind <sup>1</sup>	Baca Prowers Grand Garfield Chaffee Moffat Lincoln Douglas
Graft <sup>1</sup> 'Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>4</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I	Baca Prowers Grand Grand Chaffee Moffat Douglas Falls <sup>1</sup> El Pasc
Graft <sup>1</sup> 'Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Green Knoll <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Green Mountain I Greestone	Baca Prowers Grand Garfield Moffat Douglas Palls <sup>1</sup> Paso Ongat
Graft <sup>1</sup> (Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Moultain I Green Mountain I Greystone Grover <sup>2</sup>	Baca Prowers Grand Garfield Chaffee Moffat Lincoln Douglas Falls <sup>1</sup> El Paso Moffat Weld
Graft <sup>1</sup> 'Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Guffey <sup>1</sup>	Baca Prowers Grand Garfield 
Graft <sup>1</sup> 'Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Green Knoll <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Grevstone Grover <sup>2</sup> Guffey <sup>1</sup> Gulnare <sup>1</sup> 	Baca Prowers Grand Garfield haffee Moffat Douglas Palls <sup>1</sup> El Paso Noffat Park Las Animas
Graft <sup>1</sup> (Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Guflæy <sup>1</sup> Gulnare <sup>1</sup> Gypsum <sup>2</sup>	Baca Prowers Grand Garfield Chaffee Moffat Lincoln Douglas Falls <sup>1</sup> El Paso Moffat Weld Park Las Animas Eagle
Graft <sup>1</sup> 'Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Guifley <sup>1</sup> Gunare <sup>1</sup> Gypsum <sup>2</sup> Hahns Peak <sup>1</sup> 	Baca Prowers Grand Garfield 
Graft <sup>1</sup> 'Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>4</sup> Green Knoll <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Guffey <sup>1</sup> Gulnare <sup>1</sup> Gypsum <sup>2</sup> Hahns Peak <sup>1</sup> Hale <sup>1</sup> Hae <sup>1</sup>	Baca Prowers Grand Garfield Chaffee Moffat Douglas Falls <sup>1</sup> El Paso Moffat Weld 
Graft <sup>1</sup> (Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Guflare <sup>1</sup> Gypsum <sup>2</sup> Hahns Peak <sup>1</sup> Han <sup>1</sup>	Baca Prowers Grand Garfield Chaffee Moffat Lincoln Douglas Falls <sup>1</sup> El Paso Moffat Park Las Animas Eagle Routt Yuma Wold
Graft <sup>1</sup> 'Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Grant Valley Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greenstone Grover <sup>2</sup> Guffey <sup>1</sup> Gunare <sup>1</sup> Hanns Peak <sup>1</sup> Hamilton <sup>1</sup> Hardin <sup>1</sup> Hardin <sup>1</sup>	Baca Prowers Grand Grand Carfield 
Graft <sup>1</sup> 'Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Green Knoll <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Gulnare <sup>1</sup> Gypsum <sup>2</sup> Hahns Peak <sup>1</sup> Hamilton <sup>1</sup> Hardin <sup>1</sup> Hartinsburg <sup>1</sup> Hartman <sup>2</sup>	Baca Prowers Grand Grand Carfield Chaffee Moffat El Paso Moffat 
Graft <sup>1</sup> (Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Gulnare <sup>1</sup> Gypsun <sup>2</sup> Hahns Peak <sup>1</sup> Hanilton <sup>1</sup> Hardin <sup>1</sup> Hardin <sup>1</sup> Hartisell <sup>1</sup>	Baca Prowers Grand Garfield Chaffee Moffat Douglas Falls <sup>1</sup> El Paso Moffat Park Las Animas Eagle Routt Yuma Moffat Weld Washington Prowers Park
Graft <sup>1</sup> 'Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Grant Valley Grean Knoll <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Guffey <sup>1</sup> Gulnare <sup>1</sup> Gypsun <sup>2</sup> Hahns Peak <sup>1</sup> Hael <sup>1</sup> Hartisburg <sup>1</sup> Hartman <sup>2</sup> Hastings <sup>2</sup>	Baca Prowers Grand Garfield Chaffee Moffat Douglas falls <sup>1</sup> BI Paso BI Paso Weld Veld Veld Yuma 
Graft <sup>1</sup> - 'Granada <sup>2</sup> - Grand Lake <sup>2</sup> - Grand Valley - Granite <sup>1</sup> - Great Divide <sup>1</sup> - Green Knoll <sup>1</sup> - Green Knoll <sup>1</sup> - Green Mountain I Greystone Grover <sup>2</sup> - Guffey <sup>1</sup> - Guffey <sup>1</sup> - Gupsum <sup>2</sup> - Hahns Peak <sup>1</sup> - Hardin <sup>1</sup> Hardin <sup>1</sup> Hartina <sup>2</sup> - Hasty <sup>2</sup> - Hasty <sup>2</sup>	Baca Prowers Grand Garfield Chaffee Moffat Douglas Falls <sup>1</sup>
Graft <sup>1</sup> (Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Gulnare <sup>1</sup> Gypsun <sup>2</sup> Hahns Peak <sup>1</sup> Haribourg <sup>1</sup> Harisburg <sup>1</sup> Hartisell <sup>1</sup> Hastings <sup>2</sup> Hasyu <sup>1</sup>	Baca Prowers Grand Garfield -Chaffee Moffat -Douglas Falls <sup>1</sup> 
Graft <sup>1</sup> 'Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Grant Valley Grean Knoll <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Guffey <sup>1</sup> Gulfar <sup>1</sup> Gypsun <sup>2</sup> Hahns Peak <sup>1</sup> Hariburg <sup>1</sup> Hartisell <sup>1</sup> Hartisell <sup>2</sup> Hasting <sup>2</sup> Haswi <sup>2</sup>	Baca Prowers Grand Garfield -Chaffee -Moffat -Lincoln Douglas 'alls' -Bls' -Bl Paso -Moffat -Weld -Park Las Animas -Eagle Routt -Yuma Moffat Washington -Prowers -Park Las Animas Bent -Stowa -Data -Data -Stowa -Data -Data -Stowa -Data -Data -Stowa -Data -Data -Stowa -Data -Data -Stowa -Data -Data -Stowa -Data -Data -Data -Data -Data -Data -Da
Graft <sup>1</sup> 'Granada <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Grant Valley Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Gulfey <sup>1</sup> Gulnare <sup>1</sup> Gypsum <sup>2</sup> Hahns Peak <sup>1</sup> Hardin <sup>1</sup> Hardin <sup>1</sup> Hardin <sup>1</sup> Hartisburg <sup>1</sup> Hasting <sup>2</sup> Hasty <sup>1</sup> Hasty <sup>1</sup> Hasty <sup>1</sup> Hawthorne <sup>1</sup> Hawthorne <sup>1</sup> Haybro	Baca Prowers Grand Grand Cafield 
Graft <sup>1</sup> (Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Grand Valley Grante <sup>1</sup> Green Knoll <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Gulnare <sup>1</sup> Gypsun <sup>2</sup> Hahns Peak <sup>1</sup> Haribourg <sup>1</sup> Harisburg <sup>1</sup> Hartisell <sup>1</sup> Hastings <sup>2</sup> Hasty <sup>4</sup> Haswell <sup>2</sup> Haybro	Baca Prowers Grand Garfield Chaffee Moffat Douglas Falls <sup>1</sup> El Paso 
Graft <sup>1</sup> - 'Granda <sup>2</sup> - Grand Lake <sup>2</sup> - Grand Valley - Grant Valley - Grant Valley - Green Kooll <sup>1</sup> - Green Kooll <sup>2</sup> - Green Kooll <sup>2</sup> - Grover <sup>2</sup> - Guffey <sup>1</sup> - Hantin <sup>2</sup> - Hahns Peak <sup>1</sup> - Hartishurg <sup>1</sup> - Hartishurg <sup>1</sup> - Hasting <sup>2</sup> - Hasty <sup>1</sup> - Haytone <sup>1</sup> - Haytone <sup>1</sup> - Haytone <sup>1</sup> - Haytong <sup>1</sup> - Hendrscn <sup>1</sup>	Baca Prowers Grand Garfield -Chaffee -Moffat -Lincoln Douglas 'alls' -Bls' -Bl Paso -Moffat -Weld -Park Las Animas -El Paso -Park Las Animas -Eagle -Routt -Yuma Moffat Weshington Prowers -Park Las Animas Bent -Nowas -Park Las Animas -Routt -Yuma Moffat -Nowas -Park Las Animas -Park Las Animas -Park Las Animas -Park Las Animas -Park Las Animas -Park Las Animas -Park Las Animas -Park -Park Las Animas -Park
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Graft <sup>1</sup> (Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Green Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Gulnare <sup>1</sup> Gypsun <sup>2</sup> Hahns Peak <sup>1</sup> Hamilton <sup>1</sup> Hardin <sup>1</sup> Hardin <sup>1</sup> Hartisburg <sup>1</sup> Hastings <sup>2</sup> Hasty <sup>4</sup> Hasty <sup>4</sup> Hawthorne <sup>1</sup> Haybro Hayden <sup>2</sup> Heartstrong <sup>4</sup> Hereford <sup>1</sup> Hesperus <sup>1</sup>	Baca Prowers Grand Grand Garfield Chaffee Moffat Douglas Falls <sup>1</sup> El Paso 
Graft <sup>1</sup> - 'Granda <sup>2</sup> - Grand Lake <sup>2</sup> - Grand Valley - Grant Valley - Grant Valley - Green Kooll <sup>1</sup> - Green Kooll <sup>2</sup> - Green Kooll <sup>2</sup> - Grover <sup>2</sup> - Guffey <sup>1</sup> - Greystone - Guffey <sup>1</sup> - Hartishurg <sup>1</sup> - Hartishurg <sup>1</sup> - Hasting <sup>2</sup> - Hasty <sup>1</sup> - Haytone <sup>1</sup> - Haytone <sup>1</sup> - Haytone <sup>1</sup> - Henderson <sup>1</sup> - Hereford <sup>1</sup> - Hesprua <sup>1</sup>	Baca Prowers Grand Garfield -Chaffee -Moffat -Lincoln Douglas 'alls' -Bl Paso -Moffat -Weld Park Las Animas -El Paso -Park Las Animas -Eagle Routt -Yuma Moffat Weld Washington Prowers -Park Las Animas Boutt -Yuma Moffat -Yuma Moffat -Yuma Mahama Boulder Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Yuma -Routt -Routt -Routt -Routt -Routt -Routt -Yuma -Routt -Yuma -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Rout -Rout -Routt -Routt -Routt -Routt -Rout -Routt -Routt -Routt -Routt -Routt -Routt -Routt -Rout -R
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Graft <sup>1</sup> (Granda <sup>2</sup> Grand Lake <sup>2</sup> Grand Valley Granite <sup>1</sup> Great Divide <sup>1</sup> Great Divide <sup>1</sup> Grean Knoll <sup>1</sup> Green Mountain I Greystone Grover <sup>2</sup> Gulnare <sup>1</sup> Gypsun <sup>2</sup> Hahns Peak <sup>1</sup> Hamilton <sup>1</sup> Hardin <sup>1</sup> Hardin <sup>1</sup> Hartisell <sup>1</sup> Hastings <sup>2</sup> Hasty <sup>4</sup> Hasty <sup>4</sup> Hasty <sup>6</sup> Haybo Hayden <sup>2</sup> Heartstrong <sup>1</sup> Hereford <sup>1</sup> Hesperua <sup>1</sup> (Highlands Sta.) Highmore <sup>4</sup> Highlo <sup>1</sup>	Baca Prowers Grand Grand Carfield Chaffee Moffat Douglas Falls <sup>1</sup>
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Hill	Ton <sup>1</sup>	Douglas
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noen	ineLas	Animas
Hom	e <sup>1</sup>	Larimer
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Hoor	per <sup>2</sup>	Alamoso
TT		Alamosa
Hoop	pup <sup>1</sup> Las	Animas
<sup>4</sup> Hote	hkiss <sup>2</sup>	Delta
Hot	Sulphur Springe	Grand
TT	Sulphur Springs	Grand
How	ard <sup>1</sup>	Fremont
How	ardsville <sup>1</sup> S	an Juan
How	hert <sup>1</sup>	Pork
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nerse	ey	weld
Keyse	or <sup>1</sup>	Elbert
Keyse Kim <sup>1</sup>	or <sup>1</sup> Las	Elbert
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Keys Kim <sup>1</sup> King	or <sup>1</sup> Las s CanyonLas	Elbert Animas Jackson
Keyse Kim <sup>1</sup> Kings Kings	or <sup>1</sup> Las s Canyon a <sup>2</sup>	Elbert Animas Jackson Elbert
Keyse Kim <sup>1</sup> Kings Kings Kirk <sup>2</sup>	or <sup>1</sup> Las Las s Canyon a <sup>2</sup>	Elbert Animas Jackson Elbert -Yuma
Keyse Kim <sup>1</sup> Kings Kiow Kirk <sup>2</sup> Kit C	or <sup>1</sup> Las s Canyon a <sup>2</sup> Carson <sup>2</sup>	Elbert Animas Jackson Elbert Yuma
Keyso Kim <sup>1</sup> Kings Kiow Kirk <sup>2</sup> Kit C	or <sup>1</sup> Las s Canyon a <sup>2</sup> Carson <sup>2</sup> C	Elbert Animas Jackson Elbert Yuma heyenne
Keyso Kim <sup>1</sup> Kings Kiow Kirk <sup>2</sup> Kit C Kittr	or <sup>1</sup> Las s Canyon <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup>	Elbert Animas Jackson Elbert Yuma Sheyenne Jefferson
Keyso Kim <sup>1</sup> Kings Kiow Kirk <sup>2</sup> Kit C Kittr Kline	or <sup>1</sup> Las s Canyona <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L	Elbert Animas Jackson Elbert Yuma Cheyenne Jefferson a Plata
Keyso Kim <sup>1</sup> Kings Kiow Kirk <sup>2</sup> Kit C Kittr Kline	or <sup>1</sup> Las s Canyon a <sup>2</sup> Carson <sup>3</sup> Ca	Elbert Animas Jackson Elbert Yuma Sheyenne Jefferson a Plata Wold
Keyse Kim <sup>1</sup> Kings Kiow Kirk <sup>2</sup> Kit C Kittr Kline Koen	or <sup>1</sup> Las s Canyona <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> C	Elbert Animas Jackson Elbert Yuma heyenne Jefferson a Plata Weld
Keyso Kim <sup>1</sup> Kings Kiow Kirk <sup>2</sup> Kit C Kittr Kline Koen Koko	or <sup>1</sup> Las s Canyon a <sup>2</sup> Zarson <sup>2</sup> C edge <sup>1</sup> L igL ig	Elbert Animas Jackson Elbert Yuma Sheyenne Jefferson a Plata Weld Summit
Keyso Kim <sup>1</sup> Kings Kick <sup>2</sup> Kit C Kittr Kline Koen Koko	or <sup>1</sup> Las s Canyon a <sup>2</sup> Carson <sup>2</sup> cedge <sup>1</sup> ig mo <sup>2</sup> moline <sup>2</sup>	Elbert Animas Jackson Elbert Yuma Cheyenne Jefferson a Plata Weld .Summit Grand
Keyso Kim <sup>1</sup> King: <sup>4</sup> Kiow Kirk <sup>2</sup> Kit C Kittr Kline Koen Koko Krem	or <sup>1</sup> Las s Canyon 2arson <sup>2</sup> C edge <sup>1</sup> C ig mo <sup>2</sup> mmling <sup>2</sup>	Elbert Animas Jackson Elbert heyenne Jefferson a Plata Weld Summit Grand
Keyso Kim <sup>1</sup> , Kings Kick <sup>2</sup> Kit C Kitr Kline Koen Koko Krem Kutel	or <sup>1</sup> Las s Canyon Las a <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L ig mo <sup>2</sup> D mling <sup>2</sup> h <sup>1</sup>	Elbert Animas .Jackson Elbert Lelbert Vergenne Vefferson a Plata Weld Summit Grand Elbert
Keyse Kim <sup>1</sup> King: Kikow Kirk <sup>2</sup> Kit C Kittr Kline Koen Koko Krem Kutel La H	or <sup>1</sup> Las s Canyon a <sup>2</sup> Zarson <sup>2</sup> C edge <sup>1</sup> C ig mo <sup>2</sup> mling <sup>2</sup> h <sup>1</sup>	Elbert Animas Jackson Elbert Lebert Jefferson a Plata Weld Summit Elbert a Plata
Keyso Kim <sup>1</sup> , King: Kikow Kirk <sup>2</sup> Kit C Kittr Kline Koen Koko Krem Kutcl La B	or <sup>1</sup> Las s Canyon Las a <sup>2</sup> Carson <sup>2</sup> Cedge <sup>1</sup> L ig Lig mo <sup>2</sup> Carson <sup>2</sup> L in ling <sup>2</sup> Carson <sup>2</sup> L big Carson <sup>2</sup> L carson <sup>2</sup> L c	Elbert Animas Jackson Elbert Yuma Cheyenne Jefferson a Plata Weld Summit Grand Elbert Benider
Keyso Kim <sup>1</sup> King: Kikow Kirk <sup>2</sup> Kit C Kittr Kline Koen Koko Krem Kutel La H <sup>1</sup> Lafa:	or <sup>1</sup> Las s Canyon a <sup>2</sup> arson <sup>2</sup> C edge <sup>1</sup> C ig mo <sup>2</sup> L ig mling <sup>2</sup> h <sup>1</sup> socaI yette <sup>2</sup>	Elbert Animas Jackson Elbert Yuma heyenne Jefferson a Plata Weld Summit Elbert Beltata Boulder
Keyse Kim <sup>1</sup> Kings Kirk <sup>2</sup> Kirk <sup>2</sup> Kittr Kline Koen Koko Krem Kutel La B <sup>4</sup> Lafaj La G	or <sup>1</sup> Las s Canyon a <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L ig mo <sup>2</sup> mling <sup>2</sup> h <sup>1</sup> SocaI yette <sup>2</sup> S arita <sup>1</sup> S	Elbert Animas Jackson Elbert Yuma heyenne Jefferson a Plata Weld Summit Grand Elbert Ja Plata Boulder aguache
Keyse Kim <sup>1</sup> King <sup>4</sup> Kiow Kirk <sup>2</sup> Kit C Kittr Kline Koko Krem Kutcl La E La fa La fa	or <sup>1</sup> Las s Canyon a <sup>2</sup> carson <sup>2</sup> C edge <sup>1</sup> ig mo <sup>2</sup> mling <sup>2</sup> h <sup>1</sup> socaI yette <sup>2</sup> arita <sup>1</sup> S	Elbert Animas Jackson Elbert Yuma heyenne Vefferson a Plata Weld Summit Grand Elbert a Plata Boulder Saguache Yuma
Keyso Kim <sup>1</sup> King Kirk <sup>2</sup> Kirk <sup>2</sup> Kitr Kitr Koen Koko Krem Kutcl La E Lafa Laird Laird	or <sup>1</sup> Las s Canyon <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L ig mo <sup>2</sup> mling <sup>2</sup> h <sup>1</sup> SocaI yette <sup>2</sup> araita <sup>1</sup> S	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Grand Elbert a Plata Boulder aguache Yuma Cone ios
Keyso Kim <sup>1</sup> King: <sup>4</sup> Kiow Kirk <sup>2</sup> Kitt <sup>2</sup> Kitt <sup>2</sup> Kittr Kline Koen Koko Krem Kutcl La H <sup>4</sup> Lafa La G Laird La J	or <sup>1</sup> Las s Canyona <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> c <sup>2</sup> <sup>s<sup>1</sup></sup> L ig mo <sup>2</sup> L ig ming <sup>2</sup> h <sup>1</sup> SocaL yette <sup>2</sup> S arita <sup>1</sup> S	Elbert Animas Jackson Elbert Yuma Cheyenne Jefferson a Plata Weld Summit Grand Grand Grand Grand Yuma Conejos Hinsdol
Keyse Kim <sup>1</sup> King <sup>2</sup> Kikt <sup>2</sup> Kit C Kit C Kit C Kit C Kit C Koen Koko Krem Kutel La B Lafa: La G Laire La J Lake	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> L ig mo <sup>2</sup> mling <sup>2</sup> h <sup>1</sup> L socaI yette <sup>2</sup> araita <sup>1</sup> S [ <sup>1</sup> cara <sup>2</sup> City <sup>2</sup>	Elbert Animas Jackson Elbert Yuma beyenne fefferson a Plata Weld Summit Grand Elbert a Plata Boulder Boulder Gaguache Yuma -Conejos
Keyse Kim <sup>1</sup> Kins <sup>2</sup> Kirk <sup>2</sup> Kitt <sup>2</sup> Kitt <sup>2</sup> Kitt <sup>2</sup> Koto Koen Koko Krem La H La G La irc La J Lake Lake	oriLas s Canyon a <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L igL igL igL igL mo <sup>2</sup> L mining <sup>2</sup> h <sup>1</sup> L bocaI yette <sup>2</sup> arita <sup>1</sup> S 1 <sup>1</sup> S fi ara <sup>2</sup> George <sup>1</sup> G	Elbert Animas Jackson Elbert Yuma heyenne Iefferson a Plata Weld Summit Grand Elbert a Plata Elbert a Plata Elbert a Plata Elbert a Plata Elbert a Plata Elbert Elbert Yuma Conejos Hinsdale
Keyse Kim <sup>1</sup> King: Kirk <sup>2</sup> Kit C Kittr Kline Koko Koko Koko Kutcl La H Lafa: La J Lake Lake Lake Lapl	or <sup>1</sup> Las s Canyon a <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L isL moling <sup>2</sup> L h <sup>1</sup> S ocaL yette <sup>2</sup> farita <sup>1</sup> S [ <sup>1</sup> city <sup>2</sup> George <sup>1</sup> L	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata 
Keyse Kim <sup>1</sup> King: 'Kiow Kirk <sup>2</sup> Kit C Kittr Kline Koen Koko Krem Kutel La B 'Lafa: La G Laire La J Lake Lapla	or <sup>1</sup> Las s Canyon carson <sup>2</sup> Carson <sup>2</sup> cedge <sup>1</sup> ig ig mo <sup>2</sup> miling <sup>2</sup> h <sup>1</sup> Soca yette <sup>2</sup> arita <sup>1</sup> S 1 <sup>1</sup> City <sup>2</sup> George <sup>1</sup> George <sup>1</sup> tata <sup>1</sup>	Elbert Animas Jackson Elbert Yuma heyenne Iefferson a Plata Weld Summit Grand Elbert a Plata Boulder saguache Yuma Conejos Hinsdale Park a Plata Laarime
Keysa Kim <sup>1</sup> King: Kitra Kitra Kitra Kota Kota Kota Kota Kota Kota Kota La La La La La La La La La La La La La	or <sup>1</sup> Las s Canyona <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L is mo <sup>2</sup> L mling <sup>2</sup> L h <sup>1</sup> SocaL yette <sup>2</sup> farita <sup>1</sup> S [ <sup>1</sup> George <sup>1</sup> L tre <sup>1</sup> L	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Grand 
Keysa Kim <sup>1</sup> . King: <sup>4</sup> Kiowa Kirk <sup>2</sup> Kitt C Kittr Kline Koko Krem Kutcl La E La G Lairc La G Lairc La Lapla Lake Lapla Lapla	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> L ig _L ig _L igL ig _L ig _L ig _L ig _L ig	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Elbert aguache Yuma Conejos Hinsdale Park a Plata Larimer Douglas
Keyss Kim <sup>1</sup> , King <sup>4</sup> Kirk <sup>2</sup> Kitk <sup>2</sup> Kitk <sup>2</sup> Kitkr Koen Koko Krem Kutel La B <sup>4</sup> Lafa; La G Laird Lake Lapla Lapla Lapla Lapla	or <sup>1</sup> Las s Canyona <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L igL igL mo <sup>2</sup> L mling <sup>2</sup> L h <sup>1</sup> L SocaL yette <sup>2</sup> L arita <sup>1</sup> S l <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L rte <sup>1</sup> L spur <sup>1</sup> S alle <sup>2</sup> L	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata 
Keysa Kim <sup>1</sup> King <sup>1</sup> <sup>4</sup> Kiow <sup>4</sup> Kirk <sup>2</sup> Kittr Kline Koen Koko Krem Kutcl La H <sup>4</sup> Lafa <sup>2</sup> La G Lairc La J Lake Lapla Lapla Lapla Lapla	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> L igL igL mo <sup>2</sup> L ming <sup>2</sup> L h <sup>1</sup> L SocaL yette <sup>2</sup> L arita'S l <sup>1</sup> S George <sup>1</sup> S George <sup>1</sup> L treiL spur <sup>1</sup> S	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Yuma Conejos Hinsdale Yuma Conejos 
Keyss Kim <sup>1</sup> , King <sup>4</sup> Kirk <sup>2</sup> Kitk <sup>2</sup> Kitk <sup>2</sup> Kittr Koen Koko Krem Kutel La B <sup>4</sup> Lafa <sup>3</sup> La G Lairo La J Lake Lapla Lapla Lapla Lapla	or <sup>1</sup> Las s Canyona <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L ig mo <sup>2</sup> L ig mo <sup>2</sup> L igL mo <sup>2</sup> L igL mo <sup>2</sup> L igL mo <sup>2</sup> L igL mo <sup>2</sup> L igL mo <sup>2</sup> L cara <sup>2</sup> L city <sup>2</sup> L George <sup>1</sup> L tre <sup>1</sup> L sult <sup>2</sup> L r <sup>1</sup> L sult <sup>2</sup> L r <sup>1</sup> L r <sup>1</sup> L sult <sup>2</sup> L r <sup>1</sup> L r <sup>1</sup> L sult <sup>2</sup> L r <sup>1</sup> L sult <sup>2</sup> L r <sup>1</sup> L sult <sup>2</sup> L r <sup>1</sup> L r <sup></sup>	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Weld Summit Weld Summit 
Keyss Kim <sup>1</sup> , Kings Kitk <sup>2</sup> Kitk C Koen Koko Koen Kutcl La H La G Laird La J Lake Lapla Lake Lapla Larks Lasc Lasc Lasc Lasc	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> L igL igL igL igL mo <sup>2</sup> L ming <sup>2</sup> L h <sup>1</sup> L SocaL yette <sup>2</sup> L arita'L George <sup>1</sup> L George <sup>1</sup> L tre <sup>1</sup> L Salle <sup>2</sup> L ar <sup>1</sup> L Veta <sup>2</sup> L	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Yuma Conejos Hinsdale Yuma Conejos 
Keysi Kim <sup>1</sup> : King <sup>2</sup> : Kitow Kitrk <sup>2</sup> Kitow Kitrk Kitr Kline Koko Koko Kutel La B Lafe La G Lairc La G Lairc La S Lase Lase Lase Lase Lase Lase Lase Lase	or1     Las       s     Caryon       a²     Carson²       Carson²     Carson²       cadge¹     Las       bag     Carson²       ig     Las       mo²     Las       ig     Las       mo²     Las       bag     Las       bag     Las       bag     Las       bag     Las       bag     Las       bag     Las       cad     Las       cad     Las       cada     Las   <	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Elbert a Plata Boulder aguache Park a Plata Larimer Douglas Weld Iuerfano tu creaek
Keyss Kim <sup>2</sup> , Kin <sup>2</sup> , Kik <sup>2</sup> K Kito Kito Kito Koko Koko Koko Koko Koko Koko Koko Ko	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> L igL igL igL mo <sup>2</sup> L ming <sup>2</sup> L h <sup>1</sup> L SocaL yette <sup>2</sup> L arita'L George <sup>1</sup> L George <sup>1</sup> L tre <sup>1</sup> L Sulle <sup>2</sup> L ar <sup>1</sup> L Sulle <sup>2</sup> L on <sup>2</sup> L Clevela <sup>2</sup> L Sulle <sup>2</sup> L on <sup>2</sup> L Clevela <sup>2</sup> L Sulle <sup>2</sup> L Sul	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Elbert aguache Yuma Yuma Conejos Hinsdale 
Keys, Kim <sup>2</sup> , 'Kiow Kirk <sup>2</sup> Kit C Kittr Kline Koen Koen Koen Kutci La B La Koen Kutci La B Lake Laapi Lake Laapi Lake Laapi Lake Laapi Lake Lays	or <sup>1</sup> Las s Canyona <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L ig mo <sup>2</sup> miling <sup>2</sup> h <sup>1</sup> S ocaI yette <sup>2</sup> farita <sup>1</sup> S f <sup>1</sup> S f <sup>1</sup> S fara <sup>2</sup> George <sup>1</sup> I rte <sup>1</sup> S sult <sup>2</sup> rte <sup>1</sup> S r <sup>1</sup> S clity <sup>2</sup> City <sup>2</sup> George <sup>1</sup> ata <sup>1</sup> L rte <sup>1</sup> S sult <sup>2</sup> r <sup>1</sup> S clearL clearS clearL	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata 
Keysa, King, 'Kiow Kirk' Kit C Kittr Koen Koen Koko Krem Kutcl La H La H La H La H La H La H La H La La La La K La La La La La La La La La La La La La La L	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> L igL igL mo <sup>2</sup> L ming <sup>2</sup> L h <sup>1</sup> L bocaL yette <sup>2</sup> L tarita <sup>1</sup> S l <sup>1</sup> L city <sup>2</sup> C George <sup>1</sup> L ata <sup>1</sup> L rte <sup>1</sup> L spur <sup>1</sup> L veta <sup>2</sup> L City <sup>2</sup> L George <sup>1</sup> L ata <sup>1</sup> L rte <sup>1</sup> L spur <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L city <sup>2</sup> L city <sup>2</sup> L George <sup>1</sup> L city <sup>2</sup> L	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata a Plata Boulder Weld Summit Grand Boulder aguache Park a Plata Boulder Park a Plata Boulder 
Keysi King: 'Kiow Kirk' Kit C Kittr Kline Koen Koen Koen Kutci La B Lake La B Lake Laard L	or <sup>1</sup> Las s Canyon <sup>1</sup> a <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> t igL igL igL mo <sup>2</sup> L mining <sup>2</sup> L h <sup>1</sup> L socaL socaL yette <sup>2</sup> L arita <sup>1</sup> S <sup>1</sup> ara <sup>2</sup> L George <sup>1</sup> L George <sup>1</sup> L Tte <sup>1</sup> L spur <sup>1</sup> L salle <sup>2</sup> L ar <sup>1</sup> L r <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L city <sup>2</sup> Lcity <sup>2</sup> L city <sup>2</sup> city <sup>2</sup> L city <sup>2</sup> city <sup>2</sup> ci	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Weld Summit Weld Summit Weld Budder aguache Park a Plata Larimer Douglas Weld Iuerfano Iuerfano Iuerfano Iuerfano Iuerfano Iuerfano Iuerfano Iuerfano Iuerfano Iuerfano
Keysa, King, 'Kiow Kirk' Kit C Kittr Koen Koen Koko Krem Kutcl La H La H Lastr La G Lairt La Y Lake Laplo Lark: Lastr La	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> i <sup>1</sup> L ig mo <sup>2</sup> ming <sup>2</sup> h <sup>1</sup> L ig mo <sup>2</sup> moreL ig moreL ig moreL ig moreL ig moreL ig moreL ig _L ig _L ig _L ig _L ig _L	Elbert Animas Jackson Elbert Yuma heyenne efeferson a Plata Boulder Weld Summit Crand Boulder aguache Yuma Conejos Park a Plata Boulder 
Keysa, Kim <sup>1</sup> , King; <sup>4</sup> Kiow Kirk <sup>3</sup> Kik <sup>4</sup> Koen Kokoo Krem Kokoo Krem Kokoo Krem Kokoo La La La La La La La La La La La La La	or <sup>1</sup> Las s Canyon a <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> L igL igL mo <sup>2</sup> L mo <sup>2</sup> L mo <sup>2</sup> L mo <sup>2</sup> L socaL socaL socaL socaL George <sup>1</sup> S 1 George <sup>1</sup> L George <sup>1</sup> L spur <sup>1</sup> L spur <sup>1</sup> L city <sup>2</sup> L city <sup>2</sup> L George <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L spur <sup>1</sup> L solu <sup>2</sup> L spur <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L spur <sup>1</sup> L spur <sup>1</sup> L city <sup>2</sup> L George <sup>1</sup> L spur <sup>1</sup>	- Elbert Animas Jackson - Elbert - Yuma heyenne fefferson a Plata Boulder - Grand - Elbert a Plata Boulder - Yuma Conejos Hinsdale - Yuma Conejos Hinsdale - Yuma Conejos Hinsdale - Yuma Conejos Hinsdale - Yuma Conejos Hinsdale - Yuma Conejos Hinsdale - Yuma Conejos Hinsdale - Yuma - Park a Plata Larimer Douglas - Weld Iuerfano I Creek - Moffat - Delta - Adams - Grand Itezuma
Keysa Kim <sup>1</sup> , King Kirk <sup>2</sup> Kit C Kittr Koen Kutel La K Koen Kutel La K La K La G Lairt La G Lairt La G Lairt La S Lake Lay Lake Lapl Lake Lapl Lazet La La Lazet Lazet Lazet Lazet La Lazet La Lazet La Lazet Lazet Lazet La Lazet La Lazet Lazet Lazet Lazet La Lazet Lazet Lazet Lazet Lazet Lazet Lazet Lazet Lazet La Lazet Lazet La Lazet Lazet Lazet Lazet Lazet Lazet Lazet Lazet Lazet L	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> L ig mo <sup>2</sup> mling <sup>2</sup> h <sup>1</sup> L ig carL arita <sup>1</sup> S l <sup>1</sup> car 2C George <sup>1</sup> George <sup>1</sup> ata <sup>1</sup> L rte <sup>1</sup> S sult <sup>2</sup> L car 2C City <sup>2</sup> George <sup>1</sup> L car 2C City <sup>2</sup> C City <sup>2</sup> C City <sup>2</sup> C City <sup>2</sup> C City <sup>2</sup> C City <sup>2</sup> C City <sup>2</sup> C George <sup>1</sup> C car 2C car 2C City <sup>2</sup> C City <sup>2</sup>	Elbert Animas Jackson Elbert Yuma heyenne efferson a Plata Boulder Weld Summit Crand Weld Summit 
Keysa Kim <sup>1</sup> , King Kirk <sup>3</sup> Kirk <sup>4</sup> Kirk <sup>6</sup> Kirk <sup>7</sup> Kirk <sup>6</sup> Koko Koko Koko Koko Kaka La E La La La La La La La La La La La La La	or <sup>1</sup> Las s Canyon carson <sup>2</sup> carson <sup>2</sup> carson <sup>2</sup> carson <sup>2</sup> ig ig ig mo <sup>2</sup> mo <sup>2</sup> mo <sup>2</sup> mo <sup>2</sup> soca yette <sup>2</sup> caria <sup>2</sup> George <sup>1</sup> George <sup>1</sup> ari <sup>4</sup> George <sup>1</sup> ata <sup>1</sup> Spur <sup>1</sup> spur <sup>1</sup> spur <sup>1</sup> clty <sup>2</sup> George <sup>1</sup> spur <sup>1</sup> spur <sup>1</sup> spur <sup>1</sup> clt <sup>2</sup> spur <sup>1</sup> spur	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Boulder Grand Elbert a Plata Boulder Yuma Conejos Hinsdale 
Keysa Kim <sup>1</sup> , King Kirk <sup>3</sup> Kirk <sup>3</sup> Kirk <sup>4</sup> Kirk <sup>4</sup> Kirk <sup>6</sup> Koen Kuki La Kine Koen Kuki La Ke Lairć La Ke Lairć La J Lake Labi Laspi Lasvi	or <sup>1</sup> Las s Canyon las Canyon carson <sup>2</sup> C edge <sup>1</sup> ig mo <sup>2</sup> moling <sup>2</sup> h <sup>1</sup> L ig moling <sup>2</sup> h <sup>1</sup> L ig moling <sup>2</sup> h <sup>1</sup> L ig carson <sup>2</sup> L carson <sup>2</sup> L carson <sup>2</sup> L city <sup>2</sup> L	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Boulder Blert 
Keysx Kim <sup>1</sup> , King <sup>1</sup> , King <sup>2</sup> , Kink <sup>3</sup> , Kirk <sup>3</sup> , Kirk <sup>4</sup> , Kirk <sup>6</sup> , La H <sup>2</sup> , La K <sup>6</sup> , La H <sup>2</sup> , La K <sup>6</sup> , La La <sup>6</sup> , La <sup></sup>	or <sup>1</sup> Las s Canyon carson <sup>2</sup> carson <sup>2</sup> carson <sup>2</sup> carson <sup>2</sup> ig ig mo <sup>2</sup> mo <sup>2</sup> mo <sup>2</sup> mo <sup>2</sup> mo <sup>2</sup> mo <sup>2</sup> soca yette <sup>2</sup> city <sup>2</sup> George <sup>1</sup> Te <sup>1</sup> Sult <sup>2</sup> spur <sup>1</sup> salte <sup>2</sup> r <sup>2</sup> r <sup>2</sup> cr <sup>2</sup> con <sup>2</sup> Conge <sup>1</sup> George <sup>1</sup> conge <sup>1</sup> sou <sup>1</sup> sou <sup>1</sup> sou <sup>1</sup> con <sup>2</sup> sou <sup>1</sup> sou <sup>2</sup> sou <sup>1</sup> sou <sup>2</sup> sou <sup>1</sup> sou <sup>2</sup> sou <sup>2</sup> sou <sup>1</sup> sou <sup>2</sup> sou <sup>2</sup>	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Elbert aguache Yuma Conejos Hinsdale Yuma Conejos Hinsdale Yuma Conejos Hinsdale Yuma Park a Plata Larimer Douglas Moftat Moftat Moftat Moftat 
Keysa King: 'Kiowa Kirk' Kirk' Kirk' Kirk' Kirk' Kirk' Kirk' Kark' La K Koen Kokoo Krem Kokoo Krem Kokoo Kark' La K La K La K La K La K La K La S Lasci La S Lasci La S Lasci La S Lasci La S Lasci La S Lasci La S Lasci La S Lasci	or <sup>1</sup> Las s Canyon a <sup>2</sup> C carson <sup>2</sup> C edge <sup>1</sup> j <sup>1</sup> L ig mo <sup>2</sup> ming <sup>2</sup> h <sup>1</sup> L ig mo <sup>2</sup> moing <sup>2</sup> h <sup>1</sup> L ig moing <sup>2</sup> arita <sup>1</sup> S city <sup>2</sup> City <sup>2</sup> George <sup>4</sup> spur <sup>1</sup> S salle <sup>2</sup> city <sup>2</sup> Sull <sup>2</sup> F	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Crand Summit Grand Conejos Hinsdale Park a Plata Boulder Park a Plata Boulder Park a Plata Boulder 
Keysa Kim', King Kirk' Kirk' Kirk' Kirk' Kirk' Kato La F La F La F La F La F La F La F La F	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> t igt mo <sup>2</sup> t mining <sup>2</sup> t h <sup>1</sup> L socat vette <sup>2</sup> t aritaS lara <sup>2</sup> t George <sup>1</sup> t rte <sup>1</sup> t spur <sup>1</sup> t spur <sup>1</sup> t city <sup>2</sup> t George <sup>1</sup> t sille <sup>2</sup> t er <sup>1</sup> t non <sup>1</sup> t s <sup>1</sup> t Mo	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Boulder Weld Summit Grand Elbert aguache Yuma Conejos Hinsdale Yuma Conejos Park a Plata Boulder 
Keysa King: <sup>4</sup> Kiow Kirk <sup>3</sup> Kirk <sup>3</sup> Kirk <sup>4</sup> Kirk <sup>4</sup> Kirk <sup>6</sup> Koen Kokoo Krem Kokoo Krem Kokoo Kasi <sup>1</sup> Lafa Lair <sup>1</sup> Lafa <sup>1</sup> La <sup>1</sup> Lafa <sup>1</sup> La <sup>1</sup> Lafa <sup>1</sup> Lafa <sup>1</sup> La <sup>1</sup> La <sup>1</sup> La <sup>1</sup> <sup>1</sup> Lafa <sup>1</sup> La <sup>1</sup> La <sup>1</sup> <sup>1</sup> La <sup>1</sup> La <sup>1</sup> <sup>1</sup> La <sup>1</sup> La <sup>1</sup> <sup>1</sup> La <sup>1</sup> La	or <sup>1</sup> Las s Canyon a <sup>2</sup> Carson <sup>2</sup> C edge <sup>1</sup> t igt mo <sup>2</sup> t b <sup>1</sup> L igt mo <sup>2</sup> t b <sup>1</sup> t cart arita <sup>1</sup> S l <sup>1</sup> t arita <sup>1</sup> S city <sup>2</sup> C city <sup>2</sup>	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Carad Boulder aguache 
Keysa Kim', King Kirk' Kirk' Kirk' Kirk' Kirk' Kato La H La H La H La H La H La H La H La H	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> t igt mo <sup>2</sup> t mining <sup>2</sup> t h <sup>1</sup> L igt igt mo <sup>2</sup> t mo <sup>2</sup> t Moat Super statet George <sup>1</sup> t George <sup>1</sup> t ariat George <sup>1</sup> t ariat George <sup>1</sup> t City <sup>2</sup> t George <sup>1</sup> t ariat Super	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Elbert aguache Yuma Yuma Conejos Yuma Conejos Yuma Conejos Yuma Yuma Conejos Yuma Yuma Yuma Yuma Yuma 
Keysa Kim <sup>1</sup> , King Kirk <sup>3</sup> Kit C Kittr Koen Koko Krem Koko Karem Koko Karem Koko Karem Koko Karem Koko La Kata La Calair C La Koko La Koko La Koko La Koko La Koko La Koko La La C La La C La La C La La C La La C La La C La La C La S Lasc La S Lasc La S Lasc La S Lasc La S Lasc La La S Lasc La La S Lasc Lasc Lasc Lasc Lasc Lasc Lasc Lasc	or <sup>1</sup> Las s Canyona carson <sup>2</sup> C edge <sup>1</sup> b ig mo <sup>2</sup> b ming <sup>2</sup> b h <sup>1</sup> b carLs arita <sup>1</sup> S l <sup>1</sup> s arita <sup>1</sup> S city <sup>2</sup> G city <sup>2</sup> G city <sup>2</sup> G city <sup>2</sup> G corge <sup>1</sup> G ara <sup>2</sup> G City <sup></sup>	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Grand 
Keysa Kim' King Kirk' Kirk' Kirk' Kirk' Kirk' Karem Kokoo Kokoo La H La H La H La H La H La H La H La H	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> t igL igL igL igL mo <sup>2</sup> L mo <sup>2</sup> L mo <sup>2</sup> L mo <sup>2</sup> L mo <sup>2</sup> L mo <sup>2</sup> L mo <sup>2</sup> L tigL George <sup>1</sup> L George <sup>1</sup> L George <sup>1</sup> L City <sup>2</sup> L George <sup>1</sup> L Ata <sup>1</sup> L t <sup>1</sup> L Spur <sup>1</sup> L Sul <sup>2</sup> L r <sup>1</sup> L r <sup>1</sup> L r <sup>2</sup> L con <sup>1</sup> L Sul <sup>2</sup> L spur <sup>1</sup> L Sul <sup>2</sup> L	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Grand Yuma Yuma Yuma Yuma Yuma Yuma Yuma Yuma Yuma 
Keysa Kim <sup>1</sup> , King Kirk <sup>3</sup> Kit C Kittr Koen Koko Krem Koko Karem Koko Karem Koko Karem Koko Karem Koko Karem Koko La Kata La C La Kot La La C La La C La La C La La C La La C La La C La La C La La C La La C La La C La La C La S C La S C La S C La S C La S C La S C La S C C La S C C S C S S C S S C S S C S S C S S C S S C S S C S S C S S C S	or <sup>1</sup> Las s Canyon a <sup>2</sup> C carson <sup>2</sup> C edge <sup>1</sup> j <sup>1</sup> L ig mo <sup>2</sup> mo <sup>2</sup> mo <sup>2</sup> ig mo <sup>2</sup> mo <sup>2</sup> ara <sup>2</sup> City <sup>2</sup> George <sup>3</sup> city <sup>2</sup> George <sup>3</sup> city <sup>2</sup> George <sup>4</sup> city <sup>2</sup> City <sup>2</sup> Sull <sup>2</sup> no <sup>1</sup> Mo <sup>1</sup> land <sup>1</sup> Mo	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Grand 
Keysa Kim', King Kirk' Kirk' Kirk' Kirk' Kirk' Ka Koen Kokoo La Kokoo Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La Kokoo La La La La La La La La La La La La La	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> t igL igL igL mo <sup>2</sup> t mo <sup>2</sup> t mo <sup>2</sup> t mo <sup>2</sup> t mo <sup>2</sup> t Mo <sup>2</sup> t SocaL yette <sup>2</sup> t arita't George <sup>1</sup> t George <sup>1</sup> t George <sup>1</sup> t Ata <sup>1</sup> t Sult <sup>2</sup> t Ata <sup>2</sup> t City <sup>2</sup> t George <sup>1</sup> t Ata <sup>2</sup> t City <sup>2</sup> t George <sup>1</sup> t Sult <sup>2</sup> t Ata <sup>2</sup> t George <sup>1</sup> t Sult <sup>2</sup> t Ata <sup>2</sup> t George <sup>1</sup> t Sult <sup>2</sup> t Sul	Elbert Animas Jackson Elbert 
Keysa Kim' King Kirk' Kirk' Kirk' Kit C Kitt Koko Koko Koko Koko Karem Kutel La La La Koko La Hake La La La La La La La La La La La La La	or <sup>1</sup> Las s Canyon carson <sup>2</sup> C edge <sup>1</sup> L igL igL igL igL igL carsaL fara <sup>2</sup> L fara <sup>2</sup> L fara <sup>2</sup> L fara <sup>2</sup> L George <sup>1</sup> L fara <sup>2</sup> L George <sup>1</sup> L fara <sup>2</sup>	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Boulder aguache Boulder Jaguache Blert Boulder Jaguache Yeld Conejos Hinsdale 
Keysa Kim' King Kirk' La ' La ' La ' La ' La ' La ' La ' La	or <sup>1</sup> Las s Canyon Carson <sup>2</sup> C edge <sup>1</sup> L igL igL igL igL igL mo <sup>2</sup> L mo <sup>2</sup> L mo <sup>2</sup> L mo <sup>2</sup> L socaL socaL socaL fara <sup>2</sup> City <sup>2</sup> George <sup>1</sup> L George <sup>1</sup> L George <sup>1</sup> L George <sup>1</sup> L George <sup>1</sup> L ata <sup>1</sup> L fe <sup>1</sup> L sou <sup>1</sup> L er <sup>1</sup> L so <sup>1</sup> L s <sup>1</sup> L mo <sup>1</sup> L s <sup>1</sup> L s <sup>1</sup> L mo <sup>1</sup> L s <sup>1</sup> L	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Weld Summit 
Keysax Kim <sup>1</sup> , King Kirk <sup>2</sup> Kit Kirk <sup>2</sup> Kit Koko Koko Koko Koko Karem Kutel La La La Koko La Hake La La La La La La La La La La La La La	or <sup>1</sup> Las s Canyon carson <sup>2</sup> C edge <sup>1</sup> L gL igL igL igL igL igL cariaS lariaS lara <sup>2</sup> C (city <sup>2</sup> C city <sup>2</sup> C city <sup>2</sup> C city <sup>2</sup> L fara <sup>2</sup> L city <sup>2</sup> L fara <sup>2</sup> L fara <sup>2</sup> L city <sup>2</sup> L city <sup>2</sup> L city <sup>2</sup> L fara <sup>2</sup> L fara <sup>2</sup> L city <sup>2</sup> L	Elbert Animas Jackson Elbert Yuma heyenne fefferson a Plata Weld Summit Grand Grand Grand Grand Blert a Plata Boulder aguache Blert a. Plata Boulder aguache 

Longview <sup>1</sup>	County
	Jefferson
Loretto <sup>1</sup>	Arapahoe
Louisville <sup>2</sup>	Boulder
Loyd <sup>1</sup>	Moffat
Louviers <sup>1</sup>	Douglas
Lucerne <sup>1</sup>	Weld
Ludlow <sup>2</sup>	Las Animas
Lycan <sup>1</sup>	Baca
Lyons <sup>2</sup>	Boulder
McClave <sup>1</sup>	Bent
McCOy	Montozuma
McGrogor <sup>1</sup>	Routt
McPhee <sup>2</sup>	Montezuma
Mack <sup>2</sup>	Mesa
Maher <sup>1</sup>	Montrose
Maitland <sup>1</sup>	Huerfano
Malta <sup>1</sup>	Lake
Manassa <sup>2</sup>	Conejos
Mancos <sup>2</sup>	Montezuma
Manzanola <sup>*</sup>	Cuppicop
Marshell Dogg	Saguache
Marshall Pass	Grand
Marvino <sup>1</sup>	Rio Blanco
Masonville <sup>1</sup>	Larimer
Massadona	Moffat
Masters <sup>1</sup>	Weld
Matheson <sup>2</sup>	Elbert
Maybell <sup>1</sup>	Moffat
Mead <sup>1</sup>	Weld
Meeker <sup>2</sup>	Rio Blanco
Meredith <sup>1</sup>	Pitkin
Merino <sup>2</sup>	Logan
Mesa Vordo No	Mesa
Dorla	Montezuma
Mogital	Costilla
Messey <sup>1</sup>	Washington
Mildred <sup>1</sup>	Yuma
Milliken <sup>1</sup>	Weld
Milner <sup>1</sup>	Routt
Mindeman <sup>1</sup>	Otero
Mineral Hot Sp	rings1
	Saguache
B/ i m framme /	Fagle
Minturn <sup>2</sup>	Eagle
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup>	Eagle Las Animas Saguache
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Molina <sup>1</sup>	Eagle Las Animas Saguache Mesa
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Molina <sup>1</sup> Montezuma <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit
Minturn <sup>2</sup> Model <sup>1</sup> Molina <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup>	Las Animas Saguache Mesa Summit El Paso
Minturn <sup>2</sup> Modflat <sup>1</sup> Molina <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos	Eagle Las Animas Saguache Mesa Summit El Paso Rio Blanco
Minturn <sup>2</sup> Modfat <sup>1</sup> Molina <sup>1</sup> Montezuma <sup>1</sup> Morapos Morley <sup>1</sup>	Las Animas Saguache Summit El Paso Rio Blanco Las Animas
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morley <sup>1</sup> Mosca <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Rio Blanco Las Animas Alamosa
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montat <sup>1</sup> Montezuma <sup>1</sup> Morapos Morley <sup>1</sup> Mosca <sup>1</sup> Mount Harris <sup>2</sup>	Eagle Las Animas Saguache El Paso Rio Blanco Las Animas Routt
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morley <sup>1</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Princeto	Eagle Las Animas Summit Las Animas Summit Las Animas Alamosa Bout 2 Jefferson Hot
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morley <sup>1</sup> Mosca <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Morrisol Mount Princeto Springs	Eagle Las Animas Saguache Mesa Summit El Paso Rio Blanco Las Animas Alamosa Alamosa Routt n <sup>2</sup> defferson n Hot Chaffee
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Morley <sup>1</sup> Mosca <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Princeto Springs Mustang <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Rio Blanco Las Animas Alamosa Routt n <sup>2</sup> Jefferson n Hot Chaffee Huerfano
Minturn <sup>2</sup> Model <sup>1</sup> Molina <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Morapos Morapos Mostar <sup>1</sup> Mount Harris <sup>2</sup> Mount Harriso Mount Morrison Mount Princeto Springs Mustang <sup>1</sup> Mystic <sup>1</sup>	Eagle Las Animas Saguche Mesa Summit El Paso Rio Blanco Las Animas Routt nºJefferson n Hot Chaffee Chaffee 
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morley <sup>1</sup> Mosca <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs Mustang <sup>1</sup> Mystic <sup>1</sup> Nathrop <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Ilas Animas Alamosa Alamosa Nott n <sup>2</sup> Jefferson n Hot Chaffee Huerfano Routt Chaffee
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morley <sup>1</sup> Morely <sup>1</sup> Mosca <sup>1</sup> Mount Harris <sup>2</sup> Mount Morrisoo Mount Princeto Springs Mustang <sup>1</sup> Mustang <sup>1</sup> Mus	Eagle Las Animas Saguache Mesa Summit El Paso Rio Blanco Las Animas Alamosa Routt 1 <sup>2</sup> fferson n Hot Chaffee Huerfano Routt Chaffee
Minturn <sup>2</sup> Model <sup>1</sup> Molfat <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Morapos Morapos Mostare <sup>1</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs Mustang <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso .Rio Blanco .Las Animas Alamosa Routt Chaffee Routt Chaffee Routt Chaffee 
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morley <sup>1</sup> Mosca <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs Mustang <sup>1</sup> Mystic <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nederland <sup>2</sup> Nederland <sup>2</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Ilas Animas Alamosa Routt n <sup>2</sup> Jefferson n Hot Chaffee Huerfano Routt Chaffee Boulder Pueblo Confold
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Morley <sup>1</sup> Mosca <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Morrisoo Mount Princeto Springs Mustang <sup>1</sup> Mustang <sup>1</sup> Mustang <sup>1</sup> Mustang <sup>1</sup> Mustang <sup>1</sup> Mustang <sup>2</sup> Mustang <sup>2</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Iso Blanco Las Animas Alamosa Alamosa Chaffee Huerfano Routt Chaffee Huerfano Routt Chaffee Montrose Boulder Pueblo Garfield Weld
Minturn <sup>2</sup> Model <sup>1</sup> Modina <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morapos Morapos Mostag <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs Mustag <sup>1</sup> Mystic <sup>1</sup> Naturita <sup>2</sup> Nederland <sup>2</sup> Nederland <sup>2</sup> New Raymer <sup>2</sup> Ninaview <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Rio Blanco Las Animas Alamosa Routt n <sup>2</sup> Jefferson n Hot Chaffee Huerfano Routt Chaffee Montrose Boulder Pueblo Garfield Weld Bent
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morley <sup>1</sup> Mosca <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs Mustang <sup>1</sup> Mystic <sup>1</sup> Mystic <sup>1</sup> Mathrop <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nederland <sup>2</sup> Nederland <sup>2</sup> Nederland <sup>2</sup> New Castle <sup>2</sup> New Raymer <sup>2</sup> Niwot <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Ilas Animas Alamosa Routt n <sup>2</sup> Jefferson n Hot Chaffee Huerfano Routt Chaffee Boulder Pueblo Garfield Weld Bent
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Moragos Moragos Moragos Moragos Mount Harris <sup>2</sup> Mount Harris <sup>2</sup>	Eagle Las Animas Saguche Mesa Summit El Paso Iso Blanco Las Animas Alamosa Alamosa Alamosa Chaffee Huerfano Routt Chaffee Montrose Boulder Pueblo Garfield Weld Bent Boulder
Minturn <sup>2</sup> Model <sup>1</sup> Modifat <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morapos Morapos Mostag <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs Mustag <sup>1</sup> Mystic <sup>1</sup> Naturita <sup>2</sup> Nederland <sup>2</sup> Nederland <sup>2</sup> Nederland <sup>2</sup> New Raymer <sup>2</sup> Ninaview <sup>1</sup> Niwot <sup>1</sup> North Avondal	Eagle Las Animas Saguache Mesa Summit El Paso Rio Blanco Las Animas Alamosa Routt n <sup>2</sup> Jefferson n Hot Chaffee Huerfano Routt Chaffee Montrose Boulder Pueblo Garfield Ment Bent Boulder Pueblo Garfield Bent Boulder
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Morapos Morley <sup>1</sup> Mosta Mount Harris <sup>2</sup> Mount Morrison Mount Morrison Mount Marrison Mount Morrison Mount Morrison Mustang <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Ilas Animas Alamosa Alamosa Rio Blanco Las Animas Alamosa Mamosa Alamosa Neutra Chaffee Montrose Boulder Pueblo Garfield Bent Bent Boulder e <sup>1</sup> Pueblo Dolores San Miguel
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morapos Morapos Morapos Mostang <sup>1</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs	Eagle Las Animas Saguache Mesa Summit El Paso Il Paso Il Paso Las Animas Alamosa Alamosa Alamosa Chaffee Huerfano Routt Chaffee Montrose Boulder Pueblo Garfield Weld Bent El Pueblo Dolores San Miguel Montrose
Minturn <sup>2</sup> Model <sup>1</sup> Modfat <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Morapos Mostar Mostar Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs Mustar <sup>2</sup> Mustar <sup>2</sup> Naturita <sup>2</sup> Nederland <sup>2</sup> Nederland <sup>2</sup> New Raymer <sup>2</sup> Ninaview <sup>1</sup> Ninaview <sup>1</sup> North Avondal Northdale <sup>1</sup> Northdale <sup>2</sup> Nucla <sup>2</sup> Nucla <sup>2</sup> Nucla <sup>2</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Ital Paso Las Animas Alamosa Routt r <sup>2</sup> Jefferson n Hot 
Minturn <sup>2</sup> Model <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Ilas Animas Alamosa Routt n <sup>2</sup> Jefferson n Hot Chaffee Montrose Boulder Pueblo Garfield Weld Bent Boulder le <sup>1</sup> Pueblo Dolores San Miguel Montrose San Miguel
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Mosassi Mount Princeto Springs Mustang <sup>1</sup> Mystic <sup>1</sup> Nathrop <sup>1</sup> Nathr	Eagle Las Animas Saguche Mesa Summit El Paso Is Animas Alamosa Alam
Minturn <sup>2</sup> Model <sup>1</sup> Model <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Morapos Mostaura <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Princeto Springs Mustang <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Rio Blanco Las Animas Alamosa Alamosa Alamosa Alamosa Alamosa Routt 12 Chaffee Huerfano Routt Chaffee Montrose Boulder Pueblo Garfield Bent Boulder Pueblo Garfield Bent Boulder Pueblo Garfield Montrose Montrose Montrose Las Animas Gunnison
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Morapos. Morley <sup>1</sup> Mostaic <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs Mustang <sup>1</sup> Mystic <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Ilas Animas Alamosa Alamosa Routt n <sup>2</sup> Jefferson n Hot Chaffee Montrose Boulder Routt Garfield Veld Bent Boulder le <sup>1</sup> Dueblo Coores San Miguel Montrose Gunison Las Animas Gunison Baca Montrose
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morley <sup>1</sup> Mosas Morely <sup>1</sup> Mosas Mosas Morely <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs Mustang <sup>1</sup> Mystic <sup>1</sup> Mount Princeto Springs Mustang <sup>1</sup> Mystic <sup>1</sup> Mount Princeto Springs Mustang <sup>1</sup> Mystic <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Nathrop <sup>1</sup> Mystic <sup>1</sup> New Raymer <sup>2</sup> Niwot <sup>1</sup> North Avondal North Avondal Northdale <sup>4</sup> Nunn <sup>2</sup> Olakview <sup>2</sup> Ohlo <sup>1</sup> Olako <sup>1</sup> Olason <sup>1</sup> Morely Mathematical Mathematical Northol <sup>2</sup> Mun <sup>2</sup> Olako <sup>1</sup> Mustan Olako <sup>1</sup> Mustan Olason <sup>1</sup> Mustan	Eagle Las Animas Saguche Mesa Summit El Paso Rio Blanco Las Animas Alamosa Alamosa Alamosa Alamosa Chaffee Huerfano Chaffee Montrose Boulder Pueblo Garfield Boulder Pueblo Garfield Boulder Pueblo Boulder Pueblo Boulder Pueblo Boulder Pueblo Caffiel Montrose San Miguel Huerfano Las Animas Gunison Baca Montrose Adams
Minturn <sup>2</sup> Model <sup>1</sup> Modfat <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Morapos Morapos Mostag <sup>1</sup> Mount Harris <sup>2</sup> Mount Harris <sup>2</sup> Mount Morrison Mount Princeto Springs Mustag <sup>1</sup> Mystic <sup>1</sup> Naturita <sup>2</sup> Naturita <sup>2</sup> New Castle <sup>2</sup> New Raymer <sup>2</sup> Ninavlew <sup>1</sup> Ninavlew <sup>1</sup> Ninavlew <sup>1</sup> North Avondal Northdale <sup>1</sup> North Avondal Northdale <sup>2</sup> Nucla <sup>2</sup> Nucla <sup>2</sup> Nucla <sup>2</sup> Officer <sup>1</sup> Officer <sup>1</sup> Officer <sup>1</sup> Olathe <sup>2</sup> Olathe <sup>2</sup> Olathe <sup>2</sup> Olney Springs <sup>2</sup>	Eagle Las Animas Saguche Mesa Summit El Paso Rio Blanco Las Animas Alamosa Alamosa Alamosa Alamosa Alamosa Montrose Boulder Pueblo Garfield Weld Bent Boulder Pueblo Garfield Weld Bent Boulder Pueblo Carfield Montrose San Miguel Montrose San Miguel Montrose Montros
Minturn <sup>2</sup> Model <sup>1</sup>	Eagle Las Animas Saguache Las Animas Cell Paso Rio Blanco Las Animas Alamosa Routt n²Jefferson n HotChaffee Huerfano RouttChaffee Montrose Boulder Boulder Bent Bent Boulder Bent Boulder Bolores San Miguel Montrose AdamsCrowley San Miguel
Minturn <sup>2</sup> Model <sup>1</sup>	Eagle Las Animas Saguache Mesa Summit El Paso Il Paso Las Animas Alamosa Alamosa Alamosa Alamosa Alamosa Montrose Boulder Pueblo Garfield Weld Bent Boulder e <sup>1</sup> — Pueblo Dolores San Miguel Montrose Animas Gunison Baca Baca Baca Baca Baca Baca Baca Bac
Minturn <sup>2</sup> Model <sup>1</sup> Moffat <sup>1</sup> Montezuma <sup>1</sup> Montezuma <sup>1</sup> Monument <sup>1</sup> Montezuma <sup>1</sup> Mosage Mostage Mustage <sup>1</sup> Mount Harris <sup>2</sup> Mount Morrison Mustage <sup>1</sup> Mount Morrison Mustage <sup>1</sup> Mustage <sup>1</sup> Naturita <sup>2</sup> Naturita <sup>2</sup> Naturita <sup>2</sup> New Castle <sup>2</sup> New Castle <sup>2</sup> New Raymer <sup>2</sup> Ninaview <sup>1</sup> Ninaview <sup>1</sup> North Avondal Northdale <sup>1</sup> Northdale <sup>1</sup> Northdale <sup>1</sup> Northdale <sup>2</sup> Nucla <sup>2</sup> Nucla <sup>2</sup> Nucla <sup>2</sup> Officer <sup>1</sup> Olate <sup>2</sup> Olate <sup>2</sup> Ortharl <sup>4</sup> Ortharl <sup>4</sup> Ortharl <sup>4</sup> Ortharl <sup>4</sup>	Eagle Las Animas Saguche Mesa Summit El Paso Is Animas Alamosa Alamosa Alamosa Alamosa Alamosa Alamosa Alamosa Alamosa Montrose Boulder Pueblo Garfield Weld Bent Boulder Pueblo Garfield Weld Bent Boulder Pueblo Chaffee Montrose San Miguel Huerfano Las Animas Convison Baca Adams Acomes Adams Crowley Consis
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Post U	ffice		County
Ouray <sup>2</sup> .			Ouray
Ovid <sup>2</sup>		Sed	gwick
Oxford <sup>1</sup> .		La	Plata
Padroni	1		Logan
Pagoda <sup>1</sup>			Routt
Pagosa	Junction	<sup>1</sup> Arc	huleta
Pagosa	Springs <sup>2</sup>	Arc	huleta
Palmer	Lakal	E	Pago
Pandol	Lake		Eagle
Paolil		P	hilling
Paradon	1	I	ntrogo
Parkdal		WIU	amont
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Plagita			Pitkin
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Plainvie	wurl	Jef	ferson
<sup>4</sup> Plateau	Citv1	0.	Mesa
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Plum V	allev <sup>1</sup>	Las A	nimas
Poncha	Springs	<sup>2</sup> C	haffee
Portlan	d <sup>2</sup>	Fr	emont
Powder	horn <sup>1</sup>	Gui	nnison
Price C	reek <sup>1</sup>		Moffat
Primero	<sup>1</sup>	Las A	nimas
Proctor	L		Logan
Prowers	<sup>1</sup>		Bent
Pryor <sup>1</sup> .		Hu	erfano
Purcell <sup>1</sup>			_Weld
Pyramic	1	Rio ]	Blanco
Radium	·		Grand
Ragged	Mounta	inGu	nnison
Rago'		Wash	ington
Ramah <sup>2</sup>		Ę	Paso
Rand <sup>1</sup> _			ackson
Rangely		R10	Blanco
Rapson.	Dest	Las A	nimas
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Raven <sup>*</sup>		G	arneid
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Red Li	on <sup>1</sup>		Logan
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Redston	e <sup>1</sup>		Pitkin
Redvale	1	Mc	ntrose
Redwin	o <sup>1</sup>	Hu	erfano
Richard	S <sup>1</sup>		Baca
Rico <sup>2</sup>		I	Dolores
Ridge <sup>1</sup>		Je	fferson
'Ridgwa	y <sup>2</sup>		Ouray
Riland		G	arfield
Rio Bla	nco <sup>1</sup>	Rio	Blanco
River B	end <sup>1</sup>		Elbert
Rockval	le <sup>2</sup>	Fi	emont
Rockwo	od1	La	Plata
Rodley <sup>1</sup>			-Baca
Roggen			weld
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r ost Once	County
Rugby1	Las Animas
Rush <sup>1</sup>	El Paso
Russell Gulch <sup>1</sup>	Costilla
Rye <sup>1</sup>	Pueblo
Saguache <sup>2</sup>	Saguache
Saint Elmo <sup>1</sup>	Chaffee
San Acacio <sup>2</sup>	Costilla
San Luis <sup>2</sup>	Costilla
San Pablo <sup>1</sup>	Costilla
(Santa Fe Drive S	Sta.)_Denver
Sapinero <sup>*</sup>	Gunnison
Scholl <sup>1</sup>	Grand
Sedalia <sup>1</sup>	Douglas
Sedgwick <sup>2</sup>	Sedgwick
Seibert <sup>1</sup>	Kit Carson
Serene <sup>1</sup>	Weld
Severence <sup>1</sup>	Weld
Shaw <sup>1</sup>	Lincoln
Shawnee <sup>1</sup>	Park
Sheephorn <sup>1</sup>	Eagle
Sheridan Lake <sup>1</sup>	Kiowa Routt
Sigman <sup>1</sup>	Adams
Siloam <sup>1</sup>	Pueblo
Silt <sup>2</sup>	Garfield
Silver Cliff <sup>1</sup>	Clear Creek
<sup>4</sup> Silverton <sup>2</sup>	San Juan
Simla <sup>1</sup>	Elbert
Simpson <sup>1</sup>	Adams
Slater <sup>1</sup>	Moffat
Sligo <sup>1</sup>	Weld
Sloss	Eagle
Snellels <sup>1</sup>	Pitkin
	I IVIIIII
Snyder	Morgan
Snyder <sup>1</sup> Somerset <sup>2</sup>	Morgan
Somerset <sup>2</sup> Sopris	Gunnison Las Animas
South Fork <sup>1</sup>	Morgan Gunnison Las Animas ta.)Denver _Rio Grande
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Snyder' Somerset <sup>2</sup> Sopris	Gunnison Gunnison Las Animas ta.)Denver Rio Grande Jackson Jackson Jefferson Las Animas Grand Pueblo Weld Montezuma Baca 
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Snyder' Somerset <sup>2</sup> Sopris South Pork' South Fork' South Fork' South Platte <sup>2</sup> Stork Ville Starkville Stillwater <sup>2</sup> (Stockyards Sta.) Stone City <sup>1</sup> Stonekam <sup>2</sup> Stoner' Stoner' Stoner' Stonigton <sup>2</sup> Strasburg <sup>2</sup> Strasburg <sup>2</sup> Strasburg <sup>2</sup> Strongi Strontia Springs. Sugar Loaf <sup>1</sup> Superor'	Gunnison Gunnison Las Animas ta.)Denver Rio Grande Jefferson Las Animas Jefferson Las Animas 
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Snyder' Somerset' Sopris	Gunnison Gunnison Las Animas ta.)Denver Rio Grande Jefferson Jackson Jefferson Las Animas Grand Denver Pueblo Weld Montezuma Baca Arapahoe Kit Carson Baca Douglas Douglas Douglas Douglas Baca Baca Baca Baca Baca Baca Baca Baca Baca Baca 
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Snyder' Somerset <sup>2</sup> Sopris South Pork' South Platte <sup>2</sup> South Platte <sup>2</sup> South Platte <sup>2</sup> Stouth Platte <sup>2</sup> Strakville Strakville Stoner' Stone City <sup>1</sup> Stoner' Stoner' Stong <sup>1</sup> Strasburg <sup>2</sup> Strasburg <sup>2</sup> Strasburg <sup>2</sup> Stratfor <sup>2</sup> Strang <sup>1</sup> Straton <sup>2</sup> Strantia Springs Sugar City <sup>2</sup> Sugar City <sup>2</sup> Subsenash <sup>2</sup> Tacony <sup>1</sup> Tarryall' Tarryall' Tarryall' Tarryall' Tennesse Pasa' Tifany <sup>1</sup> Tifany <sup>1</sup> Tifany <sup>1</sup> Timpas <sup>1</sup> Timpas <sup>1</sup> Ticyal	
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Post Office	County
Toltec <sup>1</sup>	Huerfano
Toponas <sup>1</sup>	Routt
Towac1	Montezuma
Towner <sup>2</sup>	Kiowa
Trinchera <sup>1</sup>	Las Animas
Troublesome <sup>1</sup>	Grand
Trout Creek	Routt
Troutville <sup>1</sup>	Eagle
Trump	Park
Troy	_Las Animas
Tungsten <sup>2</sup>	Boulder
Turret <sup>1</sup>	Chaffee
Twin Lakes <sup>1</sup>	Lake
Two Buttes1	Baca
Ute1	Montrose
Utleyville <sup>1</sup>	Baca
Valdez <sup>1</sup>	Las Animas
Valleroso <sup>1</sup>	Las Animas
Vanadium <sup>1</sup>	San Miguel
Vernon <sup>1</sup>	Yuma
Veta Pass <sup>1</sup>	Costilla
Villas <sup>1</sup>	Baca
Villagrove <sup>1</sup>	Saguache
Villegreen <sup>1</sup>	Las Animas
Virginia Dale <sup>1</sup>	Larimer

Post Office	County
Vona <sup>2</sup> Ki	t Carson
Vroman <sup>1</sup>	Otero
Wages1	Yuma
Wagon Wheel Gap1	_Mineral
WaitleyWa	shington
Walden <sup>2</sup>	Jackson
Walsen <sup>2</sup> I	Huerfano
Walsh <sup>1</sup>	Baca
Ward <sup>2</sup>	_Boulder
Watkins <sup>1</sup>	Adams
Waunita Hot Spring	S
(	Junnison
Weldona <sup>2</sup>	_Morgan
Wellington <sup>2</sup>	Larimer
Westcliffe <sup>2</sup>	Custer
(West End Sta.) Cold	orado
Springs	El Paso
Westminster <sup>1</sup>	Adams
Weston <sup>2</sup> Las	Animas
West Plains <sup>1</sup>	Logan
West Portal <sup>2</sup>	Grand
Wetmore <sup>1</sup>	Custer
Wheatridge <sup>2</sup>	Jefferson
Whitepine <sup>1</sup> 0	Junnison
Whitewater <sup>1</sup>	Mesa

Post Office	County
<sup>4</sup> Wiggins <sup>2</sup>	Morgan
Wild Horse <sup>2</sup>	Cheyenne
Wilds	Larimer
Wiley <sup>2</sup>	Prowers
Willard <sup>1</sup>	Logan
<sup>4</sup> Windsor <sup>2</sup>	Weld
Wolcott <sup>1</sup>	Eagle
Woodland Park <sup>1</sup> .	Teller
Woodman <sup>2</sup>	El Paso
Woodrow <sup>1</sup>	Washington
Woody Creek1	Pitkin
Wormington	_Las Animas
Yampa <sup>2</sup>	Routt
Yeiser	Las Animas
Yellow Jacket <sup>1</sup>	Montezuma
Yetta <sup>1</sup>	Las Animas
Yoder <sup>1</sup>	El Paso
Youghal	Moffat

<sup>1</sup> Money Order Offices.

<sup>2</sup> International Money Order Offices.

<sup>3</sup> Summer Offices.

<sup>4</sup> Postal Savings Depositories.

# The Moffat Tunnel

THE Moffat tunnel, a railroad project, 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 and Charles MacAllister Willcox of Denver, Charles H. Leckenby of Steamboat Springs, and Charles H. Wheeler of Yampa, there being one vacancy, due to the death of W. P. Robinson. This commission was chosen by the electors of the district, but the twentysixth general assembly enacted a law making the offices appointive and the governor named to the board the former incumbents.

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. railroad tunnel was "holed" The 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 This lease is at present inyears. volved 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.

# COLORADO LIBRARIES

CITY	Library	No. of Volumes	Regis- tered Borrow- ers	Circula- tion	Appro- priation
*Alamosa	Public	6,691	6,775	15,000	\$ 1,800
Boulder *Boulder *Brighton *Brush	Public University of Colorado Public Carnegie	$\begin{array}{r} 17,059 \\ 166,825 \\ 7,500 \\ 6.235 \end{array}$	3,568 7,200 3,012 1,567	55,385 389,415 28,373 30,426	5,131 34,000 2,200 1,585
Burlington	Public	2,511	647	8,594	2,300
Canon City Center Colorado Springs Colorado Springs Craig Cripple Creek	Public Public (Main) West End Branch Coburn Lib., Colo. College. Public	$\begin{array}{r} 9,017\\ 1,466\\ 39,300\\ 5,000\\ 90,000\\ 4,000\\ 4,232\end{array}$	6,929 800 400 1,700	23,099 7,000 121,219 25,108 25,699 3,000 13,500	2,000 15,581 3,640 14,500 1,000
Delta	Public	7,857	1,795	23,433	1,945
Denver Denver Denver Denver	Colorado State Colorado Traveling Public State Historical	125,000 15,000 305,296 3,500	77,897	1,609,374	400 3,000 225,000
Denver Denver *Durango	Supreme Court Library Regis College Public	35,000 26,000 13,128	400 5,124	12,600 30,062	5,000 2,000 3,500
Eaton Estes Park Evergreen	Public Public Public	5,700 4,296 7,271	285 400 543	10,805 6,278 5,305	800 1,000 350
Florence Fort Collins Fort Collins	Public Public State Agricultural College	4,000 18,986 56,959 2542	1,300 3,500	$ \begin{array}{r} 11,000\\ 87,128\\ 43,984\\ 6,212 \end{array} $	1,200 5,500 4,100
Fort Morgan	Public	9,000	5,000	16,565	3,163
*Glenwood Springs *Golden Grand Junction Greeley Greeley.	Public Carnegie Public State Teachers College	4,100 5,500 9,000 25,000 66,000	453 4,800 2,600 5,000 1,600	9,923 4,908 125,011 50,000	4,500 10,000
Gunnison	Western State College	16,500	1,000		1,920
Idaho Springs	Public	6,323	450	18,000	1,000
*Johnstown Julesburg	Woman's Club Public	$1,000 \\ 2,300$	150	$150 \\ 250$	360
La Junta Lamar Las Animas Leadville	Woodruff Memorial Carnegie Public Public	22,406 6,126 2,853 7,872	3,590 2,000 1,924 723	25,773 11,166 10,000 23,935	3,053 1,200 1,900
Littleton Longmont Loveland	Public Public Public	4,300 10,326 8,000	818 5,854 2,640	$17,341 \\ 32,049 \\ 40,377 \\ 1000$	1,400 2,825 3,800
Mancos Manitou. Meeker Monte Vista Montrose	Public Public Public Public	1,800 5,487 3,213 4,800 6,000	383 1,533 1,584 3,000	$1,200 \\ 11,530 \\ 3,600 \\ 21,597 \\ 17,500$	30 1,100 650 3,100 2,600
Ouray Platteville	Public	10,000		8,000 2 151	750
Pueblo Rocky Ford	McClelland Public	37,611 6,815	14,000 1,325	140,000 22,201	11,000 3,000
Salida San Acacio Silverton	Public Albert Smith Memorial	10,800	2,000 10 200	18,000 400	2,700
Steamboat Springs Sterling Swink	Public Public Public	3,600 9,852 3,000	600 3,844 250	8,200 45,285 3,000	1,250 1,044 5,600 60
Telluride Trinidad	Public Carnegie	10,000 18,145	50 5,600	1,147 64,085	7,500
Wellington	Public	9,000 1,200	350 100	7,200 1,300	550 120
*Wray	Public	2,207 1,500	1,063 200	16,574 10,400	600
Totals	•••••	1,350,608	200,301	3,387,518	\$415,516

\* No report for 1929. Figures used are the latest available. Data compiled by State Board of Library Commissioners, Elfreda Stebbins, Fort Collins, Secretary.

# 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 43 articles of food at regular intervals. The aggregate cost of all of these articles (one unit of each) on the basis of the average retail prices for the United States on October 15, 1928, was \$11.54. The aggregate cost of the same articles in Denver at the average retail prices quoted by the department on the same date was \$10.52, or \$1.02 less than the cost at the average prices for the United States on that day. In other words, the average retail price of 43 articles of food was 8.9 per cent less in Denver on October 15, 1928, than in the United States as a whole.

The prices of food in all parts of the world were greatly inflated as a result of the world war. A comparison will show that the percentage of increase in Denver in December, 1928, over 1913 was less than for most of the cities of the country. Denver's increase was 42.6 per cent. Out of 39 cities reported by the department of labor, 37 showed a greater increase than Denver and only one, Salt Lake City (36.0 per cent), revealed a smaller increase. Against Denver's increase of 42.6 per cent, 32 cities showed increases of more than 50 per cent in the same period.

An accompanying table shows the average retail prices of food products in the United States on October 15 for the years 1913, 1924, 1926 and 1928, 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, 1928. A chart shows the comparative aggregate cost of one unit each (pound, dozen or can) of all the articles listed in 18 cities of the United States on October 15, 1928.

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 socalled '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.....\$739.42 \$1,245.16 \$1,197.78

# COLORADO YEAR BOOK, 1928-1929

#### 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	1924	1926	1928	1913	1924	1926	1928
	lb.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
Sirloin steak	66	25.7	39.6	41.5	50.3	23.9	29.3	33.6	43.1
Round steak	66	23.1	33.7	36.0	44.6	21.4	25.1	30.2	39.9
Rib roast	66	20.0	28.6	30.5	36.8	17.8	21.4	24.0	31.7
Chuck roast	- 44	16.4	20.7	22.8	30.2	15.8	18.0	12.5	27.2
Plate beef	"	12.3	13.1	14.6	20.8	10.0	9.7	11.1	17.5
Pork chops	66	22.6	37.5	42.6	37.6	20.8	37.4	40.6	36.5
Bacon	66	27.8	40.1	51.7	45.3	28.0	43.4	53.3	44.9
Ham	66	27.6	47.1	59.8	55.6	31.7	49.6	60.8	54.5
Lamb	66	18.4	35.9	38.3	38.8	14.6	33.5	35.8	36.6
Hens	**	21.2	35.1	37.6	37.9	19.4	27.6	29.8	31.6
Salmon, canned*	66		31.5	35.6	32.6		33.0	34.5	33.6
Milk, fresh	qt.	9.0	13.9	14.0	14.2	8.4	11.7	12.0	12.0
Milk, evaporated	t		11.0	11.4	11.3		10.4	10.7	10.7
Butter	lb.	38.2	47.9	54.3	57.5	39.0	43.7	49.0	52.5
Oleomargarine	66		30.0	30.2	27.6		29.1	29.0	25.0
Nut margarine	"		29.3				29.5		
Cheese	66	22.4	34.8	36.7	38.8	26.1	38.2	37.4	40.7
Lard	**	16.0	21.4	21.9	19.5	16.1	21.9	22.6	19.6
Vegetable lard substitute	**		25.6	25.7	24.9		24.8	24.3	21.8
Eggs, strictly fresh	doz.	41.6	59.7	58.1	54.2	37.1	51.4	55.6	49.9
Eggs, storage	"		44.1	45.9	43.8		40.3	43.9	41.1
Bread	lb.	5.6	8.8	9.4	9.1	5.5	7.9	8.3	7.7
Flour	**	3.3	5.3	5.7	5.2	2.6	4.3	4.5	4.0
Corn meal	**	3.1	5.0	5.1	5.3	2.6	4.2	4.0	4.5
Rolled oats	**		8.9	9.1	8.9		9.0	8.3	7.5
Corn flakes	‡		10.5	10.9	9.5		11.0	11.1	9.5
Wheat cereal	§		24.4	25.4	25.6		24.6	24.9	24.6
Macaroni	lb.		19.5	20.2	19.7		20.7	19.7	19.4
Rice	"	8.1	10.4	11.6	9.9	8.6	10.4	10.6	8.9
Beans, navy	66		10.1	9.1	12.5		11.2	9.6	11.4
Potatoes	68	1.8	2.4	3.8	2.2	1.4	2.1	3.3	1.5
Onions	. "		5.3	5.0	6.1		4.5	3.7	4.7
Cabbage	**		3.9	4.0	4.3		2.9	2.4	2.1
Beans, baked	1		12.6	11.7	11.6		13.8	11.4	11.4
Corn, canned	"		16.3	16.3	15.8		15.0	14.8	13.9
Peas, canned	**		18.2	17.4	16.7		16.9	15.8	15.0
Tomatoes, canned			13.5	12.1	11.8		14.1	12.1	11.8
Sugar, granulated	lb.	5.5	8.8	7.2	6.9	5.4	9.5	7.6	7.3
Tea	"	54.5	71.8	77.3	77.3	52.8	68.1	69.3	70.0
Coffee	"	29.7	46.1	50.9	49.6	29.4	44.6	51.0	50.0
Prunes	66		17.3	16.9	13.8		18.2	18.3	14.4
Raisins	66		15.0	14.8	12.4		14.7	14.5	11.0
Oranges	doz.		51.3	56.0	64.3		44.4	50.3	62.0
Bananas	"		36.1	34.9	33.1				10.8

†15-16 ounce can.

|| No. 2 can.

§ 28-ounce package.

	Sirloin and round steaks, rib and chuck roasts, plate beef, pork chops, bacon, ham, leg of lamb and hens	Butter, oleomar- garine, cheese and lard	Bread, flour, corn meal, rolled oats and rice	Potatoes, onions and cabbage, and canned corn, peas and tomatoes	Fresh eggs (Doz.)	Sugar (Gran- ulated)
United States Denver Atlanta Birmingham Chicago Columbus Dallas Detroit Indianapolis Kansas City Los Angeles Minneapolis Omaha Portland, Ore Pittsburgh St. Louis Salt Lake City	$\begin{array}{c} 39.8\\ 36.4\\ 39.3\\ 39.0\\ 35.8\\ 42.5\\ 41.2\\ 39.8\\ 41.1\\ 39.6\\ 37.4\\ 42.3\\ 36.9\\ 38.8\\ 36.6\\ 44.3\\ 38.2\\ 36.8\\ 39.1\\ \end{array}$	35.7 34.4 36.2 36.5 34.8 36.5 35.4 36.5 35.4 36.5 35.4 36.5 35.4 36.5 35.4 36.5 35.4 36.5 35.5 35.5 35.3 35.2 35.1	$\begin{array}{c} 7.7\\ 6.5\\ 8.0\\ 8.0\\ 8.0\\ 7.5\\ 8.1\\ 7.8\\ 7.3\\ 7.6\\ 7.8\\ 7.4\\ 7.9\\ 8.5\\ 8.0\\ 7.3\\ 7.2\\ 7.8\\ 7.2\\ 7.8\end{array}$	$\begin{array}{c} 9.5\\ 8.2\\ 10.6\\ 10.4\\ 8.7\\ 9.7\\ 9.2\\ 11.6\\ 9.1\\ 8.9\\ 8.8\\ 10.2\\ 8.7\\ 9.2\\ 10.2\\ 8.7\\ 9.2\\ 10.2\\ 8.6\\ 8.5\\ 10.5\\ \end{array}$	$\begin{array}{c} 54.2\\ 49.9\\ 50.5\\ 49.3\\ 54.4\\ 49.3\\ 50.1\\ 45.1\\ 48.5\\ 53.4\\ 47.5\\ 43.8\\ 57.4\\ 41.4\\ 40.0\\ 53.5\\ 54.7\\ 45.5\\ 47.9\\ 47.7\end{array}$	$\begin{array}{c} 6.9\\ 7.3\\ 7.5\\ 7.3\\ 8.3\\ 6.8\\ 7.5\\ 7.6\\ 7.1\\ 7.3\\ 7.2\\ 6.6\\ 7.0\\ 7.2\\ 6.8\\ 7.1\\ 6.8\\ 7.4\\ 6.7\\ \end{array}$

AVERAGE PRICE, IN CENTS PER POUND, OF GROUPS OF COMMODITIES SPECIFIED IN THE UNITED STATES AND EIGHTEEN TYPICAL CITIES ON OCTOBER 15, 1928, AS REPORTED BY THE UNITED STATES DEPARTMENT OF LABOR

\* All items in group not quoted.

# PHYSICIANS, NURSES AND LAWYERS

The records of the state board of medical examiners show that 9,048 physicians and surgeons had been granted licenses to practice in the state from the beginning of registration up to June 1, 1929. The number actually practicing in the state is much smaller and is not definitely known, but is estimated at 2,800, of whom approximately 700 are in Denver. An annual registration law will go into effect in 1930, which will show the actual number practicing each year.

The number of persons to whom licenses have been granted by the state board of nurse examiners up to June 1, 1929, was 6,086. Registration started in 1905. The number actually engaged in professional service within the state is estimated at 1,000.

Estimates made by officers of the Colorado Bar association from the records of the supreme court place the number of attorneys practicing law in the state at 1,600, of whom approximately 600 are in Denver. Chart showing comparative aggregate cost of 43 articles of food in 18 cities of the United States on October 15, 1928.



# 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 \$217,-615,000 higher than given elsewhere in this volume under the title "Taxable and Non-taxable Property" for the year 1928. 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 \$1,434,237,000 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	,758,446,000
Livestock	100,664,000
Mfrs'. mach. tools and imp.	86,808,000
Railroads and equipment	364,963,000
Motor vehicles	59,893,000
Farm implements and ma-	
chinery	35,059,000
Street railways, water	
works, etc	143,485,000
Agricultural products	51,829,000
Manufactured products	125,060,000
Imported merchandise	5,207,000
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.

MARRIAG	ES AN	D DI	VORCI	ES :	IN C	COL	ORADO	BY	YEARS
	(From	the H	Bureau	of	Cen	sus	Reports	)	

	Marria	ages	Divo	rces
	United States	Colorado	United States	Colorado
Reported in 1916 Reported in 1922 Reported in 1923 Reported in 1924 Reported in 1925. Reported in 1926. Reported in 1927	$1,040,684 \\1,134,151 \\1,229,784 \\1,184,574 \\1,188,334 \\1,202,574 \\1,201,053$	9,071 11,456 12,077 11,972 11,602 11,957 11,969	112,036148,815165,096170,952175,449180,853192,037	1,061 2,075 2,278 2,118 2,243 2,288 2,370
Increase 1922 over 1916 Increase 1923 over 1922 Increase 1924 over 1923 Increase 1925 over 1924 Increase 1926 over 1925 Increase 1927 over 1926	52,78995,633-45,2103,76014,240-1,521	2,287 621 -105 -370 355 12	34,980 16,281 5,856 4,497 5,404 11,184	1,005 203 -160 125 45 92
Per cent increase 1922 over 1916 Per cent increase 1923 over 1922 Per cent increase 1924 over 1923 Per cent increase 1925 over 1924 Fer cent increase 1926 over 1925 Per cent increase 1927 over 1926	$5.1 \\ 8.4 \\ -3.7 \\ 0.3 \\ 1.2 \\ -0.1$	$25.2 \\ 5.4 \\ -0.9 \\ -3.1 \\ 3.1 \\ 0.1$	$31.2 \\ 10.9 \\ 3.6 \\ 2.6 \\ 3.1 \\ 6.2$	$94.7 \\ 12.2 \\ -7.0 \\ 5.9 \\ 2.0 \\ 4.1$
Number per 1,000 population, 1916 Number per 1,000 population, 1922 Number per 1,000 population, 1923 Number per 1,000 population, 1924 Number per 1,000 population, 1925 Number per 1,000 population, 1926 Number per 1,000 population, 1927	$10.68 \\ 10.32 \\ 11.01 \\ 10.42 \\ 10.30 \\ 10.27 \\ 10.12$	11.65 12.06 11.70 11.16 11.29 11.14	$1.13 \\ 1.35 \\ 1.48 \\ 1.50 \\ 1.52 \\ 1.54 \\ 1.62$	1.22 2.11 2.28 2.07 2.16 2.16 2.21

- Minus sign denotes decrease.

			Male	s 15 Years	of Age	e and Over			
		Sing	le	Marr	ied	Wido	wed	Divorced	
	Total	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
United States(1920) United States(1910) United States(1900)			35.1 38.7 40.2		59.2 55.8 54.5		4.8 4.5 4.6		0.6 0.5 0 <b>.8</b>
Colorado(1920) Colorado(1910) Colorado(1900)	350,813 315,422 213,157	123,473 129,828 93,891	$35.2 \\ 41.2 \\ 44.0$	200,800 167,799 105,902	57.2 53.2 49.7	17,592 13,457 8,903	5.0 4.3 4.2	4,378 2,782 1,178	1.2 0.9 0.6
Denver(1920) Denver(1910) Denver(1900)	104,850 82,690 48,659	37,498 32,045 18,699	35.8 38.8 38.4	55,768 45,541 26,574	$53.2 \\ 55.1 \\ 54.6$	5,749 3,482 1,972	5.5 4.2 4.1	1,884 952 237	1.8 1.2 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) State Rural(1920)	174,946 175,867	59,858 63,615	34.2 36.2	99,202 101,598	56.7 57.8	9,015 8,577	$5.2 \\ 4.9$	2,679 1,699	1.5

# MARITAL CONDITIONS OF COLORADO POPULATION IN 1920, 1910 AND 1900 (Bureau of the Census)

			Female	s 15 Year	s of Ag	ge and Ove	er		
		Sing	le	Marri	ed	Widow	ved	Divorc	ed
	Total	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
United States(1920) United States(1910) United States(1900)			27.3 29.7 31.2		60.6 58.9 57.0		11.1 10.6 11.2		0.8 0.6 0.5
Colorado	307,458 255,736 163,396	73,098 65,931 42,783	23.8 25.8 26.2	195,193 160,546 102,388	63.5 62.8 62.7	34,186 25,752 16,210	11.1 10.1 9.9	4,058 3,043 1,281	1.3 1.2 0.8
Denver	97,101 81,308 49,446	25,586 23,617 15,198	26.3 29.0 30.7	54,996 45,732 27,381	$56.6 \\ 56.2 \\ 55.4$	13,791 10,293 6,186	$14.2 \\ 12.7 \\ 12.5$	2,030 1,537 418	2.1 1.9 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)           State         Rural(1920)	168,954 138,504	43,906 29,192	26.0 21.1	98,366 96,827	58.2 69.9	22,834 11,352	$\substack{13.5\\8.2}$	3,053 1,000	1.8 0.7

# **Colorado Mortality Statistics**

COLORADO'S death rate in 1925, as reported by the bureau of the census, was 12.1 per 1,000 population, compared with 11.8 for the 40 states comprising the registration area of the country. There were 15 states with a higher death rate, 24 with a lower rate and one with the same rate as Colorado. 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 number of deaths, distribution and rate per 1,000 population in 1925 for Colorado were as follows:

	Number	Rate
White	12,176	11.9
Colored	373	24.2
(Table ]	10 540	10.1
Total	12,549	12.1
Durol	··· 0,908	10.2
nulai		10.2
Total	12,549	12.1

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:

		Ra	te
Year	Number	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		
1927	.13,080		

The largest number of deaths in Colorado in 1925 according to age was 1,739 persons under one year of age. The next largest number, 987, were persons between the ages of 65 and 69 years, and the third largest, 911, were persons between the ages 60 and 64 years. Seven deaths were of persons 100 or more years old. Outside of these extremes, the fewest deaths, 230, were of persons between the ages of 10 and 14 years.

Of the 12,549 deaths from all causes in 1925, there were 8,470, or 68 per cent, from the following principal causes:

Tuberculosis of the respiratory sys-

tem1,	487
Diseases of the heart1.	385
Pneumonia1,	052
Cancer and other malignant tumors	902
Cerebral hemorrhages and softening	827
Nephritis	745
Influenza	583
Diarrhea and enteritis (under 2	
years)	481
Appendicitis and typhlitis	258

An accompanying table shows the death rate in Colorado, compared with the rate for the entire registration area, for the years 1921 to 1925, inclusive, by causes.

DEATH	RATE	PER	100,000	POPULATION
(C	ompiled	from	Census	Reports)

		(	Colorado	)		Registration Area					
Cause of Death	1921	1922	1923	1924	1925	1921	1922	1923	1924	1925	
Typhoid and paratyphoid fever_	10.1	11.4	10.5	6.7	8.8	9.0	7.5	6.8	6.7	7.9	
Malaria		0.2			0.2	3.6	3.6	2.8	2.5	2.1	
Smallpox	4.7	27.8	1.6			0.7	0.7	0.1	0.9	0.7	
Measles	8.4	0.7	9.8	21.5	0.8	4.3	4.3	10.8	8.6	2.3	
Scarlet fever	5.9	5.4	4.2	4.4	2.9	5.3	3.5	3.5	3.1	2.7	
Whooping cough	10.2	6.0	10.5	6.5	9.9	9.1	5.6	9.7	8.3	6.7	
Diphtheria	24.8	27.4	23.9	15.6	14.3	17.7	14.6	12.1	9.4	7.8	
Influenza and pneumonia (all forms)	130.4	191. <b>0</b>	166.2	156.7	157.3	99.8	133.5	153.7	117.7	123.1	
Tuberculosis (all forms)	184.6	183.3	168.5	163.1	152.4	99.4	97.0	93.6	90.4	86.6	
Cancer and other malignant	74.7	73.8	85.9	83.3	86.7	96.6	86.8	89.4	91.9	92.6	
Diabetes mellitus	14.3	14.6	13.1	9.9	10.2	16.8	18.4	17.9	16.6	16.9	
Alcoholism	3.2	4.2	3.7	2.9	1.7	1.8	2.6	3.2	3.2	3.6	
Cirrhosis of the liver	5.6	6.4	5.4	6.2	4.7	7.4	7.5	7.2	7.4	7.3	
Diseases of the heart	122.6	133.5	126.0	126.5	133.3	157.1	165.7	175.3	178.1	185.5	
Pneumonia (all forms)	110.5	131.7	112.2	122.5	101.2	88.3	102.1	109.0	98.2	93.5	
Diarrhea and enteritis	41.5	43.6	41.1	38.4	46.3	41.9	32.5	32.4	27.8	31.5	
Acute and chronic nephritis	68.8	78.4	70.7	76.3	71.6	85.4	88.5	90.1	89.6	90.3	
Old age	14.4	14.1	10.6	10.6	11.5	12.3	13.2	13.8	12.7	12.0	
Suicide	14.8	18.0	14.2	16.3	17.4	12.6	11.9	11.6	12.2	12.1	
Homicide	11.8	11.7	9.2	10.0	8.1	8.5	8.4	8.1	8.5	8.6	
Automobile accidents	12.6	16.3	15.9	15.7	14.0	11.5	12.5	14.9	15.7	17.0	
Unknown or ill-defined diseases	2.6	4.5	2.9	4.6	0.3	16.0	17.7	17.2	17.7	1.5	

# DEATHS BY SUICIDE

There were 172 deaths from suicide in Colorado reported to the state board of health in 1927, compared with 148 in 1926 and 181 in 1925. Of those reported for 1927, 75 were in Denver, eight in Colorado Springs, seven in Pueblo, six each in Arapahoe and Boulder counties and four each in the city of Greeley and Gunnison county. Eighty-eight of the 181 suicides in 1925 were by firearms, 22 by poison, 19 by poisonous gases, 17 by hanging or strangulation, 12 by corrosive substances, nine by jumping from high places and seven by drowning.

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:

		R	ate
Year	No.	Colo.	Area
1913		22.1	15.8
1914		19.2	16.6
1915		18.8	16.7
1916		13.3	14.2
1917		13.7	13.4
1918		14.6	12.2
1919		14.2	11.4
1920		15.7	10.2
1921		14.8	12.6
1922	. 176	18.0	11.9
1923	. 137	14.2	11.6
1924	. 164	16.3	12.2
1925	. 181	17.4	12.1
1926	. 148		
1927	. 172		

Note—Comparative rates for 1926 and 1927 have not yet been published.

# HOMICIDE DEATHS

Deaths from homicides in Colorado in 1927 were 59, compared with 69 in 1926, 84 in 1925, 100 in 1924, 90 in 1923, and 114 in 1922, as reported by the state board of health and the bureau of the census. 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.

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:

		R	ato
Year	No.	Colo.	Area
1915		10.6	7.0
1916		8.2	7.1
1917		8.9	7.7
1918		7.5	6.8
1919		10.6	7.5
1920		9.2	7.1
1921		11.8	8.E
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		
1927	59		• • • •

# DEATHS FROM AUTOMOBILE ACCIDENTS

Deaths from automobile accidents in Colorado in 1927 were 239, exclusive of collisions with railroad trains and street cars, compared with 182 in 1926 and 146 in 1925, as reported by the state board of health and the bureau of the census. In addition, there were six deaths from collisions with railroad trains and three from collisions with street cars. There were 21 states in the registration area of 40 states that had higher death rates per 100,000 population in 1925 than Colorado, and 19 states with lesser rates. The number of deaths and rates per 100,000 population in Colorado and the registration area by years are as follows:

		Rate		
Year	No.	Colo.	Area	
1918	120	13.1	9.3	
1919	118	12.7	9.4	
1920	117	12.4	10.4	
1921	121	12.6	11.5	
1922	159	16.3	12.5	
1923	157	15.9	14.9	
1924	158	15.7	15.7	
1925	146	14.0	17.0	
1926	182			
1927	239			

# DEATHS FROM ALCOHOLISM

Colorado became a prohibition state on January 1, 1916, when laws prohibiting the manufacture, sale and possession of intoxicating liquors became effective. The federal constitutional amendment prohibiting the sale of liquors became effective on January 16, 1920. Colorado was, therefore, a "dry" state four years before prohibition became a national law.

Data from the census bureau show that in the year Colorado prohibited the sale of liquors deaths from alcoholism decreased 58 per cent under the preceding year and continued to decrease until 1920, when the total decrease amounted to 90 per cent. The next two years showed substantial increases.

The following table shows the death rate per 100,000 population in Colorado from alcoholism by years, with comparative rate for the registration area of the United States.

Year	Colorado	Reg. Area
1914	8.3	4.9
1915	7.2	4.4
1916	3.0	5.8
1917	2.3	5.2
1918	1.4	2.7
1919	0.8	1.6
1920	0.7	1.0
1921	3.2	1.8
1922	4.2	2.6
1923	3.7	3.2
1924	2.9	3.2
1925	1.7	3.6

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

Year		Colorado Area
1921		. 5.6 7.4
1922	•••••••••••	$   \begin{array}{cccc}         & 6.4 & 7.5 \\         & 5.4 & 7.2 \\     \end{array} $
1924		. 6.2 7.4
1925	• • • • • • • • • • • • • •	. 4.7 7.3

# 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.

# **Prisoners and Crime Conditions**

THERE were confined in the county jails of the state on November 30, 1928, a total of 647 prisoners, of whom 604 were males and 43 were females. This compares with 719 on the same date in 1927, a decrease of 72. The highest number of prisoners confined on November 30 for any year for which the figures are available was in 1924, when there were 847.

One county in the state, Archuleta, reported no prisoners received or confined for a period of four years. Twenty-one counties received no female prisoners in 1928 and 18 counties reported no female prisoners in 1927.

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			847
1925	518	41	559
1926		29	521
1928		43	647

The number of prisoners received in the county jails during the fiscal year ending on November 30, 1928, was 10,-667, an increase of 206 over  $1 \pm 27$ , an increase of 961 over 1926, and a decrease of 1,133 compared with 1925. The numbers received by years, and by sex, were as follows:

Year	Male	Female	Tota1
1925	.11,071	729	11.800
1926	. 9,132	574	9,706
1927	. 9,956	505	10,461
1928	.10,193	474	10,667

The percentages of males and females received by years were as follows:

	Per Cent
Year	Male Female
1925	93.82 6.18
1926	94.09 5.91
1927	95.17 4.83
1928	95.56 - 4.44

A table published on page 270 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 bureau of the census reported a total of 1,184 prisoners in the prisons, reformatories, jails and workhouses 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

PRISON	TERS	IN CC	VNTY	JAILS
(Fiscal Y	Years	Ending	Novem	ber 30)

		Prisoners	Received	L	1928 b	y Sex	No. Ei	Prisoner nd of Ye	s at ar
COUNTY	1925	1926	1927	1928	Male	Fe- male	1926	1927	1928
Adams Alamosa Arapahoe	432 162 175	$341\\11\\207$	339 * 192	$308 \\ 28 \\ 68$	300 28 63	8 5	$\begin{array}{c} 11\\2\\5\end{array}$	10 * 13	9 1 6
Baca Bent Boulder	56 68 463	59 12 369	85 * 513	$\begin{array}{c} 75\\ 64\\ 562 \end{array}$	72 60 530	3 4 32	 1 3 6	 3 * 15	2 3 
Chaffee Cheyenne Clear Creek Conejos	74 15 21 13	36 19 20 8	51 21 30 *	29 12 32 7	29 12 28 7	· · · · · · · 4 · · ·	3 3 4 7	5 2 	1  2 1
Costilla Crowley Custer	78	86 7	99 5	94 2 68	85 2	9 	···· ···	"i …	••••
Denver Dolores Douglas	5,383 30	4,161 * 19	4,421 * 46	4,756 22 35	4,588 19 33	$16\frac{1}{8}$	262 10 18	393 *	395 1 2
Eagle Elbert El Paso	$19 \\ 11 \\ 335$	39 9 211	$\begin{array}{r}22\\12\\373\end{array}$	41 * 385	38 * 345	3 * 40	1  14	3  18	6 * 11
Fremont Garfield Gilpin Grand	138 77 3 43 40	$109 \\ 94 \\ 75 \\ 28 \\ 53$	88 192 12 35 36	91 105 10 26 47	82 102 10 25 46	9 3  1	8 17 1 2 1	8 7 2	9 17  45
Hinsdale Huerfano	1 89	• 77		143	1.40	3	6	16	
Jackson Jefferson	282 282	2 241	*	278	243	35	7	••••	6
Kiowa Kit Carson	26	39 39	6 *	6 41	6 35	6	2	•••	•••
Lake La Plata Larimer Las Animas Lincoln	$140\\88\\264\\422\\50$	* 191 251 420 50	$     \begin{array}{r}       86 \\       160 \\       273 \\       760 \\       44 \\       180     \end{array} $	395 167 237 477	$391 \\ 150 \\ 226 \\ 461 \\ 147$	4 17 11 16	* 5 10  1	9 7 5 .3	26
Mesa Mineral	208	225 119 	120 $117$ $2$ $34$	157 * 1 35	147 * 1 35	*	5	5	•
Montezuma Montrose Morgan	49 8 143	* 53 261	$\begin{array}{r} 17\\105\\184\end{array}$	$39 \\ 87 \\ 202$	$\begin{array}{r} 37\\84\\195\end{array}$	2 3 7	* 2 9	75 $6$	2
Otero Ouray	214 4	179	281 7	233	220 6	13	7	20	21
Park Phillips Pitkin Prowers Puckla	12 9 181	13 3 155 388	6 148 453	14     2     1     155     356     356     3	$\begin{array}{r}12\\2\\1\\149\\338\end{array}$	2  6 18	 10 30	2 *  8 37	
Rio Blanco Rio Grande Routt	11 17 28	3 3 40 68	17 39 61	15 85 *	15 83 *	 2 *	1 1 2	 2 3	
Saguache San Juan San Miguel Sedgwick Summit	$8\\1\\24\\25\\8$	27 37 * 20	$53 \\ 4 \\ 98 \\ 40 \\ 13$	74 $12$ $7$ $43$ $8$	72 12 7 42 8	2  1 	2	4  2 	1 
Teller Washington	176 36 501	61 28 577	52 42 435	57 21 361	51 21 349	6	2 5	7 2 17	: : 14
Yuma	117	89	88	79	77	2	5		64
State	11,800	9,700	10,401	10,007	10,193	214	521	115	04

• Data not available.

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.

# **Radio Development**

**PROGRESS** in the development and use of the radio has been so rapid in the past few years that data compiled one year are of little value a year later for any purpose other than to indicate the rapid growth of the business. Radio Retailing, published by the McGraw-Hill Publishing Company, of New York, in co-operation with several departments of the federal government, made a survey as of January 1, 1929, for the purpose of estimating the number of radio receiving sets in the United States. This tabulation credits. Colorado with 79,200 receiving sets on that date. The only census figures compiled on sets in Colorado were made in 1925 by the department of agriculture, which reported 2,426 sets on farms on January 1 of that year.

An estimate made by the principal jobbers of the state gave the total number of sets in Colorado on January 1, 1927, including both urban and rural areas, as 16,000. A similar estimate made as of January 1, 1926, placed the number of sets at 9,000. These figures indicate an increase of 63,200 sets, or 395 per cent in two years, and 70,200 sets, or 780 per cent, in three years. The department of agriculture will gather information as to the number of sets on farms in the agricultural census of 1929, but these figures will not be available until 1931. Also, it is expected that the general census of 1930 will include data on the subject.

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. This zone had 1,061,640 sets on January 1, 1929, according to the Radio Retailing estimate, or 11.79 per cent of all in the United States. Colorado ranked third in the zone, having 0.88 per cent of the total for the country, and being exceeded only by California, with 7.18 per cent, and Washington, with 1.75 per cent. The total number of sets in the United States was estimated at 9,-000,000. New York state ranked first with 1,149,120 sets, or 12.76 per cent of the total.

The volume of business of the radio industry in Colorado is indicated by a survey conducted by the electrical equipment division of the bureau of foreign and domestic commerce of the department of commerce during the years 1927 and 1928. This shows that 3,133 battery operated receiving sets and 1,139 A. C. operated receiving sets were sold by 29 per cent of the dealers in the state in 1927 and 1,019 battery operated and 6,422 A. C. operated sets were sold by 26 per cent of the dealers in 1928. The volume of business, including sales of accessories, of the 26 per cent of the dealers in 1928 was \$2,787,410.

There were 15 broadcasting stations in Colorado on March 1, 1929, 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 396,000 in Colorado.

The following table gives the broadcasting stations in Colorado, with the call signal, owner, frequency and power of each: LICENSED BROADCASTING STATIONS IN COLORADO MARCH 1, 1929

Location	Call Signal	Owner	Frequency in Kilocycles, Meters in Parentheses	Power (watts)
Belleview College (Denver).         Colorado Springs	KPOF KFUM KFEL KFUP KFXF KOA KOW KLZ KFXJ KGEW KFKA KGHF KGIW KGEK	Pillar of Fire, Inc	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	500 1,000 250 12,500 500 1,000 500 1,000 50 1,000 50 250 100 100

# 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 the reports of the 83 legal reserve companies operating in the state to the end of 1924, these reports showing that there were 2,237 such policies in force in 1882, covering an aggregate risk of \$7,120,297, compared with 582,302 policies at the end of 1927, representing an aggregate risk of \$710,607,139.

There were 524 companies, associations, exchanges and societies operating in Colorado on December 31, 1927, classified as follows:

Fire and marine (stock)	237
Fire and marine (mutual)	26
Life—legal reserve	89
Casualty and miscellaneous	91
County mutual fire and hail	5
Assessment life	1
Assessment health and accident	3
Reciprocal exchanges	22
Fraternal societies	50

Total..... 524

The amount of insurance written by these companies in 1927 was \$1,091,-278,903; premiums received, \$38,176,-452; losses paid, \$14,772,109; losses incurred, \$11,538,749.

Losses paid by all companies from 1882 to 1927, inclusive, aggregated \$205,133,463, as follows:

Class	Period	Amount
Fire and marine	.1882-1927	\$59,044,234
Life-legal reserve	.1882-1927	84,503,180
Casualty, etc	.1882-1927	31,390,902
County mutual	.1910-1927	487,279
Assessment life	.1893-1927	3,477,386
Reciprocal	.1916-1927	802,986
Colo. assessment		
hail	.1921-1927	483,033
Foreign assessment		
hail	.1910-1925	1,143,333
Fraternal	.1916-1927	23,801,130
Totals		205.133.463

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
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
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
Assessment Life, Health and			
Accident	_1893	215,076	220,647
	1900	145,782	64,008
	1924	147,616	81,688
	1925	185,991	115,343
	1926	170,318	101,120
	1927	190,064	100,086

Nature of Insurance	Year	Premiums	Losses
Reciprocal Fire and			
Casualtyl	916	24.649	1,626
1	924	381,927	57,353
1	925	433,158	77,470
1	926	437,501	90,668
1	927	439,173	90,590
Fraternal1	916	1,828,389	1,511,741
1	924	2,512,753	2,007,089
1	925	2,598,537	2,015,467
1	926	2,610,670	2,039,578
1	927	2,617,822	2,294,747
County Mutual			
Fire1	910	3,070	261
1	924	38,213	59,792
1	925	*72,040	*62,373
1	926	*52,979	*58,864
	927	*49,338	48,272
Assessment Hail			
(Colorado)1	921	136,739	85,263
1	924	3,297	7,121
1	925	27,208	20,127
1	926	26,528	22,020
1	1927	1,273	1,949
Assessment Hail			
(Foreign)]	1910	2,516	3,525
1	1920	293,512	232,181
1	1924	17,115	71,403

\* Includes foreign Assessment Hail for these years.

# 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—Thanksgiving day, by proclamation, last Thursday.

November 11-Liberty day.

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 Paso12:00	Noon
Kansas City 1:00	P. M.
London 7:00	P. M.
Los Angeles	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 Lake12:00	Noon
Seattle11:00	A. M.
Washington 2:00	P. M.
Yokohama12:00	Midn.

\* Next day.

# COLORADO TROOPS IN WORLD WAR

Official figures place the number of troops furnished by Colorado for the World war, including commissioned and enlisted men, at 42,898. The number includes enlistments in the army, navy and marine corps. The total number for the country was 4,727,988, of which Colorado furnished approximately 1 per cent.

During the fiscal year ending June 30, 1926, the war department completed the task of rechecking all authorization and credits for wounds incurred by members of the American Expeditionary Forces. The final figures on battle casualties for Colorado are as follows:

	Enlisted		
01	fficers	Men	Total
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 casualtie	es	• • • • •	1,415

\* "Wounds" and "Individuals wounded" include mortal wounds received by individuals enumerated under "Died of wounds."

# COLORADO HOSPITAL FACILITIES

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, with a fellowship of more than 7,000 leading surgeons, conducts an annual survey of Colorado hospitals in its standardization movement.

The organization's staff reported upon 40 hospitals in the state, of which 32 were approved as of October 1, 1928. Eighty per cent of all the hospitals reported upon were approved, which compares with 69 per cent approved for all of the hospitals in the United States. Of the total of 40 hospitals, 18 had 100 or more beds, 14 were equipped with 50 to 99 beds, and eight had a capacity of 25 to 49 beds. All of the 18 hospitals equipped with 100 or more beds were fully approved, a rating of 100 per cent, which compares with 93.5 per cent for the United States. Of the 14 with 50 to 99 beds, 11, or 78.6 per cent, were approved, compared with 62.4 per cent for the United States, and of the eight with 25 to 49 beds, three, or 37.5 per cent, were approved, compared with 18.4 per cent for the United States. The figures show that Colorado hospitals of all classes ranked higher than those in the country as a whole. The total capacity of the Colorado hospitals approved was 6,624 beds. Only 10 states showed a higher percentage of approved hospitals than Colorado, while 37 showed a lower per cent and one was the same.

An accompanying table shows the locations of the hospitals approved as of October 1, 1928, and the capacity and the governing body of each.

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, 1928

Location	Name	Capac- ity	Governed by
Boulder	Boulder-Colorado sanitarium	100	Seventh Day Adventists.
Boulder	Community	75	Board of Directors.
Colorado Springs	Beth-El General	94	Methodist Episcopal Church.
Colorado Springs	Glockner Sanatorium and hospital	250	Sisters of Charity.
Colorado Springs_	National Methodist Episcopal Sana-		
	torium for Tuberculosis	60	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	135	Board of Directors.
Denver	Colorado General	170	University—Board of Regents.
Denver	Denver General	500	City and county-health department
Denver	Mercy	178	Sisters of Mercy.
Denver	National Jewish	250	Board of Managers.
Denver	Park Avenue	50	Board of Directors.
Denver	Presbyterian	164	Presbyterian Church.
Denver	St. Anthony's	200	Sisters of St. Francis.
Denver	St. Joseph's	225	Sisters of Charity.
Denver	St. Luke's	224	Board of Managers.
Denver	Sanatorium of the Jewish Consump-	300	Jewish Relief Society
Durango	Mercy	35	Sisters of Mercy.
Grand Junction	St Marv's	67	Sisters of Charity
Greelev	Greeley hospital	70	County Commissioners.
La Junta	Atchison, Toneka & Santa Fe Bailroad	40	Railway Hospital Association.
Longmont	Longmont	43	Private-owner.
Pueblo	Minnequa	225	Industrial corporation.
Pueblo	Parkview	86	Clinic-Board of Directors.
Pueblo	St. Mary's	150	Sisters of Charity.
Salida	Denver & Rio Grande Western Railroad	85	Railway Employes' Association.
Salida	Red Cross	50	Private-Board of Directors.
Trinidad	Mt. San Rafael	75	Sisters of Charity.
Aurora	Fitzsimons General	1,848	United States Army.
Fort Lyons	Veterans'	500	U. S. Veterans Bureau.
Item	1926	1916	
---	--	---------------------------------	
Churches (local organizations) Members Male Female Sex not reported	$1,688\\352,863\\140,868\\179,263\\32,732$	1,455257,97797,650126,94333,384	
Church edifices:			
Number	1,383	1,162	
Churches reporting Amount reported	1,326 \$22,713,155	1,144 \$10,010,432	
Debt: Churches reporting Amount reported	448 \$3,248,309	386 \$1,166,917	
Parsonages: Value: Churches reporting Amount reported	706 \$2,957,404	510 \$1,289,528	
Expenditures during year: Churches reporting Amount reported	1,563 \$5,837,497	1,281 \$2,427,365	
Sunday schools:			
Churches reporting Officers and teachers Scholars	1,295 17,325 163,692	1,216 14,181 139,406	

#### SUMMARY OF CHURCH STATISTICS FOR COLORADO

#### CHURCH POPULATION

The six largest religious bodies or denominations in Colorado reported an increase of 23,088 in the number of communicants or members in the period 1925 to 1929, inclusive, a gain of 10.93 per cent. The Roman Catholic church, the largest body in the country and in the world, also leads in Colorado, with the Methodist church place, Presbyterian second taking third, Baptist fourth, Congregational fifth and Episcopal sixth. These six bodies had a total membership of 234.184 at the beginning of 1929, which compares with 211,096 in 1925.

These figures are not those of sectarian population, but, so far as they can be obtained, of communicants. The Roman Catholic church reports offi-"population," which incially only cludes 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 1925 was 114.729 and in 1929 was 132,171. 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, which gives the number of Catholic communicants in Colorado as 112,345 in 1929

and 97,510 in 1925. The same is true of the Episcopal church, the number of baptized persons in 1929 being 12,549, while the number used in the following table is 9,510, representing communicants only.

The figures on the six largest bodies are as follows:

1929	1925
Catholic	97,510
Methodist 45,581	44,408
Presbyterian 27,648	25,539
Baptist (white) 26,100	22,203
Congregational 13,000	12,957
Episcopal 9,510	8,479

234,184 211,096

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 represents the value of the buildings together with the land on which they stand and all furniture, organs, bells and furnishings owned by the churches and actually used in connection with church services. 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.

#### 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 Paul S. Martin, 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 and which is being continued in 1929 for the purpose of obtaining specimens for the state museum. In this area have been found runs 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 types.

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. 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.

#### 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 32,729 in 1927. This compares with 140 lodges and 30,251 members in 1925.

The Benevolent and Protective Order of Elks had an average membership of 17,326 in 1928.

The number of councils of the Knights of Columbus in the state in 1928 was 26. The total membership at the end of the year was 5,200 insurance and associate members.

The Boy Scouts of America had a

membership of 4,972 in Colorado on January 1, 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.

VALUE OF BUILDING PERMITS IN PRINCIPAL CITIES AND TOWNS

Town	1924	1925	1926	1927	1928
Boulder Colorado Springs. Durango Eads Eads Eaton Englewood Fort Collins. Fort Collins. Fort Morgan. Grand Junction. Greeley La Juncta. Littleton Longmont Manitou Platteville Pueblo Sterling Trinidad	\$ 544,885 1,297,290 26,310,250 100,087 55,000 326,515 1,218,887 30,000 267,680 168,915 4,000 250,000 278,035 94,350 14,000 1,665,654 73,017 369,410	\$ 552,635 1,162,655 25,182,010 160,000 229,325 823,020 350,000 465,996 395,803 15,000 110,571 145,000 371,855 72,000 5,000 2,342,200 23,711 155,160	\$ 346,710 777,361 14,551,000 174,780 257,777 233,826  205,990 1,046,870 1,500 20,000 45,000 125,000 141,820 5,000 1,245,041 147,874 	$\begin{array}{c} \$ & 416,930 \\ 577,398 \\ 15,902,650 \\ 205,305 \\ 3,000 \\ 90,000 \\ 200,000 \\ 200,000 \\ 200,000 \\ 223,292 \\ \\ 204,950 \\ 644,395 \\ 1,500 \\ 200,000 \\ 10,000 \\ 100,000 \\ 100,000 \\ 105,000 \\ 23,700 \\ 3,000 \\ 1,625,382 \\ 146,200 \\ 42,000 \end{array}$	$\begin{array}{c} \$ & 326,475\\ \$12,495\\ 15,958,400\\ 282,249\\ 2.000\\ 121,530\\ 169,428\\ 333,866\\ 236,145\\ 624,919\\ 2,750\\ 624,919\\ 2,750\\ 60,000\\ 35,000\\ 115,000\\ 115,000\\ 115,000\\ 121,225\\ 7,000\\ 115,000\\ 121,225\\ 7,000\\ 1255,834\\ \end{array}$
Total	\$33,157,975	\$32,618,351	\$19,325,549	\$20,624,702	\$21,234,508

Note.--No reports were received for 1926 from Eaton, Fort Morgan and Trinidad, and none for Fort Morgan in 1927 and 1928.

#### 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 rail-The employment are made. wav 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 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 miscel-The average laneous industries. 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 A	ND CLAIM	S, WORKMEN'S	COMPENSATION
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	1923	1924	1925	1926	1927	1928
Number of accidents         Number of all claims         Death claims         Non-fatal         Average weekly wage         Average weekly compensation	15,362	17,513	18,143	19,797	19,571	19,773
	5,307	5,660	5,807	5,584	5,751	5,312
	168	140	152	155	180	147
	5,139	5,520	5,655	5,429	5,571	5,165
	\$25.35	\$25.32	\$25.02	\$23.63	\$25.49	\$24.93
	\$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 1916 1917 1918 1919 1920 1921 1922 1922 1923 1924 1925 1926 1927 Totals	\$ 32,602.56 475,402.36 664,049.89 854,239,28 818,782.86 906,639.75 931,622.93 590,611.51 665,509.93 806,751.61 1,033,794.56 1,031,537.78 1,001,375.17 \$9,812,920.19	\$ 163,526.58 254,351.63 303,466.36 382,528.75 313,432.55 502,262.10 416,087.25 330,407.73 402,663.69 398,077.73 351,428.79 348,613.55 357,852.64	\$ 46,710.00 134,371.41 192,328.45 370,593.75 267,612.12 460,116.11 364,009.52 339,537.41 404,562.16 412,733.56 554,868.86 605,630.54 880,400.39 \$5,033,474.28	\$ 242,839.14 864,125.40 1,159,844.70 1,607,361.78 1,399,827.53 1,869,017.96 1,711,719.70 1,260,556.65 1,472,735.78 1,617,562.90 1,940,092.21 1,985,781.87 2,239,628.20 \$19,371,093.82
Net Losses Paid: *1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 Totals	\$ 1,738.02 128,719.80 191,556.57 243,915.88 294,156.65 356,059.22 389,800.87 385,124.75 499,806.15 528,407.02 567,364.78 596,618.80 \$4,779,717.75	\$ 2,637.46 23,188.98 58,546.16 74,008.02 98,135.51 111,893.71 130,440.08 141,611.72 134,095.21 134,713.11 139,083.34 139,083.34 139,019.76 149,883.31 \$1,337,256.37	\$ 2,563.65 28,535.76 42,497.24 51,391.68 86,546.79 128,333.71 168,340.20 178,710.00 201,169.98 246,969.03 279,972.80 310,296.34 372,349.08 \$2,097,676.26	\$ 6,939.13 180.444.54 292.599.97 369.315.58 478.838.95 596.286.64 68.581.15 705.446.47 835.071.34 910.089.16 986.420.92 1.045.765.34 1.118.851.19 \$ 8.214.650.38

\* August 1, 1915, to December 31, 1915.

#### 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. The quantity of lumber sawed in the 128 mills in the state in 1926 was 75,279 thousand feet, board measure, which compares with 38,917 thousand feet in 1922, a gain of 93.2 per cent. Of the 128 mills reported in Colorado in 1926, one was classed with those cutting 25,000 M feet to 49,999 M feet; 12 from 1,000 to 4,999 M feet; 7 from 500 to 999 M feet; and 108 from 50 to 499 M feet.

Most all of the lumber sawed in

Colorado is softwood, the only hardwood produced being cottonwood. The kinds of lumber produced in 1926 and quantity of each are given in the following table:

Kind		Quantity M Ft. B. M
Cedar		1
Douglas fir		2,895
Lodgepole pine		9,740
Spruce		10,529
Western yellow pine		51,022
White fir		767
Cottonwood	• •	324
		75 979

Colorado produced approximately one-third of the country's output of lodgepole pine in 1926, being exceeded only by Wyoming. In 1924 the state ranked first. The timber is used extensively in the construction of telephone and telegraph lines.

The census of manufactures for 1925 credits Colorado with 65 establishments engaged in the production of lumber and timber products, and 63 planing mills operated independent of those connected with the sawmills, a total of 128. The combined industry employed an average of 1,506 wage earners, of whom 980 were in the sawmills and planing mills and 526 were in the independent planing mills. The aggregate value of products was \$5,-140,999, of which \$2,061,329 was for the sawmills and planing mills and \$3,079,670 was for the independent planing mills.

The following table showing the number of active mills and quantity of lumber cut by years indicates the progress of the industry:

Year	No. Ac- tive Mills	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

A considerable part of the timber cut in Colorado comes from the national forests, the annual output being approximately 39,134,000 board feet. The national forest service estimates standing timber of all species in these reserves at 22,167,244,000 board feet.

#### 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 building was constructed at a cost of approximately \$270,000, part of which was provided by the municipality and part by private donations. 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 another addition recently was completed. More than 250,000 persons visited the museum in 1928, and the record from 1912 to 1927, inclusive, shows an admission during that period of 3,083,000 persons.

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.

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.

#### 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.

#### Fish and Game

OLORADO has an elaborate and C 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. More than 116,000 hunting and fishing licenses were sold to residents and non-residents in 1928. 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. Six 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 wellstocked 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												1	Dis	CI tr	ib	u	; te	đ	
1919													10	,3	8	9,	00	0	
1920													13	,0	7	6,	50	0	
1921													12	,0	1	1,	00	0	
1922												•	16	,8	7	1,	00	0	
1923												•	18	,1	1	7,	00	0	
1924													19	,0	7	8,	00	0	
1925													19	,9	2	1,	00	0	
1926													24	,0	1	9,	00	0	
1927										•			25	,0	0	0,	00	0	
1928													26	,0	0	0,	00	0	
1929													*30	,0	0	0,	00	0	
	_																		

\* Estimated.

The United States Forest Service also maintains hatcheries at several points in the state and in 1928 distributed 3,630,675 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 fishing 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 Cochetopa national forest, in Saguache, Mineral and Hinsdale counties.

Ouray game refuge, between Ouray and Telluride, in San Juan county. Gunnison game refuge, partly in the Gunnison national forest, in Gunnison county.

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

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

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

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

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

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

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

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 cooperation 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- Resident Big Game
1920	86,371	15,951	5,387	138	67
1921	89,598	8,337	2,445	117	42
1922	72,333	6,960	2,480	104	29
1923	71,254	6,891	2,954	102	26
1924	80,735	7,979	5,223	178	46
1925	84,852	8,411	6,459	249	47
1926	88,570	8,956	7,374	306	65
1927	93,355	9,383	8,653	353	70
1928	95,512	11,793	8,769	301	119

Acreage (see Area)
Agricultural College (see Education,
State Institutions) 50
agricultural extension service value
agricultural implemented, 111, 114-115
Agricultural lands (see lands)
acreage assessed, by years.111, 112-123
area by counties
assessed value, 1927-1928114, 110
assessed value, 1919-1920
general description
in national forests
Agriculture (see Stockraising, Dairy-
ing, Horticulture, Poultry, Dees
and noney, and an farm crope at
agricultural extension service 50
comparative state acreage produc-
tion and value
compared with mining and manu-
form value indiv. crops 1928 by
counties
historical tables of
history and progress of 13
rank of counties in
relation of state to 0. Sector, 19, 19, 19, 19, 19, 19, 19, 19, 19, 19
Alfalfa
acreage distribution chart
acreage, production, value
av. no. acres per farm m
number of farms reporting
per cent of farms reporting 85
Alfalfa seed
acreage, production, value52, 72
Altitudes
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Zinc	(see Mi	nes an	d min	erals)		
pro	duction	to end	of 19	27	.170.	172
pro	duction	by year	ars		.164.	170
pro	luction	by cou	inties			174

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## RECEIVED

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### GAZETTEER OF CITIES AND TOWNS OF COLORADO, 1929

TOWN OR CITY	Date Incorporated	County	Altitude	Estimated Population Jan. 1, 1929 (*)	America d Valuegon	Municipal Tax Levy In Mills	Revenue	Acrease Arra Incorpo- raled	Mayor	Clerk	Total Ouistan January General Obligation	Special Im- provements	Water Works (M) Muni- cipal  P  Private	Electric Lighta (M1 Muni- cipal (P) Private	Sanitary Sewers	Bank Deposits	TOWN OR CITY
Aguilar Akron Alamosa Animau City Antopilo Affiba Arvata Apyen Anto	- 3- 1493   - 987  -20- 987   -2-1879   -2-1879   -2-1879   -2-1879   -2-1879   -2-1879   -2-1914   -2-1914	Las Animas Washington Alamosa La Plan Conejos Lincoln Jefferson Pilkin Weld	5,700 4,300 2,600 2,500 7,358 5,200 7,550 4,940	2,600 1,400 5,000 1,000 400 1,000 1,200 1,200 1,200	\$ 610 121 1,125 7:0 7,082 853 173,505 455 957 317 505 595 850 104,055	20 00 12 00 17 67 16 00 15 00 13 20 14 00 44 00 44 00	12,366.42 13,544.64 47,406.62 2,776.04 6,939.36 4,126.07 12,578.72 15,654.80 7,918.69	320 640 640 290 291 263 60	John Bocaccio Ern Alishouse George Lorion W H. Thompson Lais Reldel George T. Gouriey Wm. J. Bennell Frid D. Willoughlos Lorib, Habrouck	W. B. Huches. D. H. Slason. Richard Davis Cadierine R. Coopor W. D. Carroll. W E. Kliewet Mrs. Mabel Ladd Charles Dalley, St. H. B. Smith	\$ \$5,000 \$0,000 175,006 17,500 \$0,000 7,700 64,000 74,700 26,000	84'512 80'900 8'000	M M M M None M P M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	No Ven Ven No Ven Ven	\$ 209,657 1.794,661 150,636 370,326 473,785	Arvilar Akron Alamosa Animas City Anitonita Arvala Arvala Arvala
Autora Bayneld Bayneld Berthoud Bethune Blacklanwk	2-3-1201 1-12-1501 7-12-1505 7-17-1995 6-10-1926 3-11-1364	Adams-Arapahoe Lagis La Pinta Larimer Kit Carson. Gilpin	\$,800 6,600 6,500 6,240	2,000 116 1,000 1,000 100 250	L,369,230 60,599 97 616 916 960	44.00 4.40 11,86 10,00	60,244 32 223 64 1,168 30 9,169 60	640 20 15 160 1.264	H B. Nevlus	G. E. Ballard C. B. Lucksinger Mabelle V. Gibba Lena M. Loomia Arthur E. Gramon. Arthur J. Gray	293,650 16,500 56,500	90,000	M M M None 31	P None P P P P	Yes No No Yes No No	465,611	Aurora Bosalt Bayfild Bethune Blackhawk
Blanca Nonatisa Baulder Brankon Brighten Brighten Brighten	10-26-1904 1×2-1951 11×4-1951 4-3×4920 2×4×1950 6×11×1957 10×15×1954	Cottlla Saguades Boulder Los Animas Sumult Adartes Morgan	2,470 8,000 5,350 6,000 2,479 4,979 4,250	350 350 12,500 886 3,800 2,500	294,190 27,509 13,004,314 135,016 434,566 2,376,850 1,594,217	x 00 10,60 10,20 20,00 15,00 14,00 13,50	2,355,92 375,09 133,914,1X 2,700,72 6,518,49 34,362,32 21,820,74	1,200 640 2,400 300 676 400 690	W. A Simmer R. B. Wirlek L. W. Cumberford W. S. Balley, Trevor B, Thomas Harry Behm C. P. Schmild	A. M. Weaver. O. J. Montgomery Mayme Grabom. L. D. Haley. George Rollmon (Pro) Anna M. Wallers. A. C. Harness	555,000 42,000 17,000 190,000 245,000	828,000 130,500 138,000	None None M M M M M	P P None P P P	NO NO Yes Yes Yes Yes	105,654 1,539,216 1,365,531 1,365,531 991,475	Glanca Boontaa Boold-r Brannon Breckenridge Scherridge Brickson Herusji
Iluena Vista Burlington Callian Canto City Castle Rock Cedaredge	10-34-1879 5-15-1888 4-32-1919 1-38774888 4-14-1881 2-12-1947	Charlee Kil Carson. El Paso. Ekemen Donglas	4,260 4,260 6,508 6,000 6,100	1,200 1,200 \$00 \$00 \$00 \$00 \$00	458,499 1 499,214 312,510 4.025,521 536,490 312,900	8,00 12,00 12,00 15,50 12,93	5,313 44 33,334 23 2,500,08 56,542 25 5 44 1 99 1,046 23	1,680 760 200 1,520 100 640	Waller C. Rounds T. Lew Witcher T. Lew Witcher Harold A. Scatter J. B. Batekin	R. H. Kellogg. B. D. Tandy E. S. Triplett C. W. Brewer	172,000 (18,800 (22,000 (51,000 (0,700	49,300 141,000	None M M M M M		NO Ves No No No	458,130 339,191 3,165,269 279,954 593,376 2,21,046	Carlondale Carlondale Carlondale Carlondale Carlondale
Center Central City Chernaw Cheyonne Wella Cost Creek, Collbran Colorna Colorna Springs	9+1+1906 10+	Saginche	7,041 5,560 4,552 5,600 6,000 5,900 5,900	100 700 250 604 300 38,000 1 905	40%,431 146,033 725,141 68,927 147,713 41,270,910	12 00 13 20 15.00 15.00 14.00 14.00 70 00	1,927 90 1,927 90 10,926 62 1,720 18 2,007 97 5,77,792 14	140 600 500 240 60 6,395 160	N. C. Officenth	R. A. Allison. J. S. Klimball. L. H. Houghton. D. H. Zuck. A. L. Morganstein Elsie D. Webber S. E. Nichola Tom Dungan	- 5,000 79,500 17,000 32,000 (4) 5,760,000	361 100	M M M M None M MAP	P P M M P M	Ves Ves No No No Ves	283,012 278,398 145,377 236,947 19,492,304	Center Central Olly Cherow Cherow Cheyrnne Wells Cheyrnne Wells Collinan Colorado Springe
Cruig Crawford Cristed Bulte Cristed Bulte Cristen Cripplo Creek Crook	4-21-1907 10-11-1910 3-19-1997 6-26-1997 1-29-1901 5-28-1897 9-3-191	Moffat Delta Minerol Gunnison Suguache Teller Legenn	5,200 6,500 9,954 9,954 9,000 7,500 9,375 3,700	2,000 256 500 1,360 1,50 2,325 2,50	1,142,657 62,720 201,105 396,420 29,667 605,290 170,655	20,00 45,00 20,00 14,60 11,00 54,00 30,00	22,853 74 2,372 40 4,022 10 5,745 09 3,26 34 26,780 37 3,113 09	108 108 320 60 450	E E. Brockman L W. Howell Royal I Fisher, B V. Bepson W T. Holland C K. Whiling	E. J. Golick Wm. flopkins. W. T. Jackson M. J. Fisher W. E. Perkins George W. Shepherd	59,000 25,000 16,000 71,300 74,000 14,700	9,000 	M M None M&P None P M	P Nune M None P M	Ven No No No Yes	228,919 129,001	Cratica Crawford Crawfor
Crowley Daeona DeBeque Dertrail Del Norte Del Norte	9+20-1921  +8-1908 11+13-1990 1+13-1990 1+13-1990 11+13-1990 1273 1011-12	Weld Mass Arapatoe Las Animas Rio Grande	4,275 4,600 4,800 5,183 5,700 7,778 4,980	260 400 450 1,250 1,400 2,604	223,625 55,460 192,169 237,450 480,412 2,766,540	16,00 26,50 39,00 18,00 14,64	2,400 55 841,90 5,130 54 9 260,55 5,527 95 39,623 75	40 100 1,600 160 612	R. L. Allen,	Myrlie Rhine Frank Koenig F, H. Lischke C. G. Piere Raiph Gagilanii C. D. Voris	\$2,700 \$2,700 \$7,600 45,000 \$71,600	18,000	M M&P M M None M		No No Yea No Ves	232,114 200,200 200,400 201,400	Crowley Dacona De Bequa Deurirali Delugua Del Nocio
Denver Dillen Dolores Durango Bada	10+12+1352 11+7+1861 12+16+1882 7+7+1900 4+9+1881 1+4+1916 11+2+1920	Dinver	6,280 8,600 6,957 6,605 4,262 6,602	320,000 150 500 7,000 610 500	410,118,465 83,871 343,810 4,524,225 372,350 295,636	9,989 8,00 13,00 10,96 20,00 16,70	1,196,343 35 670,59 4,469,79 (9,5%5 51 7,447,00 4,937 12	\$7,086 130 80 700 302 130	Benj, F. Stapleton Leen W. Arnes, C. W. Lilly, J. A. Wilmer, John T. Gough, A. B. Koonge	Schuyler S Peek Maude Ritchey John R. Recher W. W. Parshall, J. R. Wood L. R. Thomas.	4,000 4,000 130,200 72,000 16,500	9,565,700 152,600	M None M M M		Yes Yes No Yes No Yes	1,432,436 167,260,730 551,292 3,185,329 310,852 530,507	Della Della Denver Dillon Dolorio Dolorio Durango Durango
Eaton Eckley Edgewater Eldora Ellora Empte Englewood	10-25-1992 X-16-1920 X-17-1901 X-9-1699 X-80-1990 4-10-1X92 K-12-1998	Weld Yuma Jofferson Boulder Elbert Clear Creek Ampahase	4,750 3,890 3,353 6,400 6,400 8,603 8,200	1,600 400 1,200 35 250 100 8,000	1,166,330 252,369 549,845 41,062 191,311 44,430 3,605,830	16.00 18,00 15 00 20 00 4 60 5 00 11 50	17,494,95 5,052,54 5,247,57 821,30 850,03 222,15 40,328,55	100 145 600 240 100 151 1,280	Jae L. fatton Ororge E Rice Arthur H Tilton W. T. Harpel F. D. Garland Kennell Sharp J E. Abbatt	W F Willis Elmer Smith Stephen Higgs Mer, Clara Hornback H. S. Hundlep E E. Koch Lenora Fogle	x,000 39,600 47,600	12,000 49,500 1111 145,500	M M None M M	M P M None None P P	Yes No Yes No No Yes	696,194 70,629 170,473 375,583	Eaton Deltey Edgewaler Elidera Elizabeth Empire Englewood
Erio	10+18+1974 4+3-1017 11+6-1993 + 1792 2-12-1988 10-17+1916	Varim) San Juan Weld Park Weld	7,600 9,900 4,647 9,964 5,350 4,920	550 160 300 250 750	203,400 67,204 253,330 203,606 60,010 527,465	5000 15,00 19,00 5,00 18,00 18,00	1,033,00 10,134,36 712,62 4,814,22 1,017,62 1,080,54 11,161,93	225 170 1,000 220 20 320	W. C. Lewis.	Prank Westwood Charles F. IIIx. Richard Trainor Harriet Johnston. P. H. Logan Gust Westman	18,000 18,000 18,000 103,000		M P None M M M	P P P M	No Yes No No No No	253,788 324,321 185,773 221,497	Erie Estes Park Eurika Datrplay Firestone
Fleming Florence Florence Fort Collins Fort Lupton Fort Lupton Fort Morgan	4-16-1917 6-6-1917 6-27-1991 2-30-1996 6-21-1997 4-7-1903 4-7-1903	Logan Premont Teller Larimer Weld Morgan El Paulo	3,900 5,187 5,195 5,100 4,900 4,240 5,500 4,300	600 3,500 46 14,000 1,750 1,750 650 1,100	346,32 2,679,126 11,547,520 1,114,250 3,617,677 320,664 910,420	15.00 15.00 9,00 10.00 16,00 12.70	4,606 17 18,896 89 173,312,50 10,028 25 36,175,77 5,128,80 11,562,33	348 640 1.559 690 160 145	Dr. R. C. McCarmick B. L. Beverstock Wm. C. Allen F. R. Montgomery A. W. Bracy E. F. Vannoy R. F. Jove, S. A. Larkin,	Hugh Boyd. Beatrice Martin S. M. Alicit. A. J. Rosenow. Helch Kelkey. Paul G. Williams. A. M. Sayers W. T. Barnard.	\$9,500 \$16,000 \$1,266,000 \$30,000 \$1,56,000 \$5,000 \$6,000	\$14,000 631,260 54,461 170,000	M M&P None M M M M M	M P None P P M M	No Ves No Yes Yes No	205,245 262,437 6,078,430 575,358 1,956,407 158,414	Forming Florisoner Fortantt Fort Collins Fort Lopion Fort Morgan Foundan
Proderick Prisco Fruita Genoa Georgetown	12-17-1907 9-17-1880 3-24-1834 7-27-1926 1-10-1869 3-4-1912	Weld Summil Mesa Lincoln Clear Creck. Weld	5,120 9,097 4,512 8,640 4,152	NUO 18 1,600 975 450 500	178,730 622,686 190,730 451,930 138,640	25.00 21.60 6.00 12.99 6.00 40.02	4,468 26 13,397,75 1,144,38 5,870.67 501.24	120 169 397 600	M. F. Swechey H. E. Hickman S. Earle Forbes A. F. Shullx. Edward Butts. Frank C Mapes	J. Bonalo Con Ecklund. Jeanle A. Phillips W. M. Hoffman. M. S. Mel'urland Mrs. C. W. Hines.	. 26,000 . 121,000 		M None M Nung M Nope	M Nune P P P	No No Yes No Yes No	330,541 231,904 58,590 129,702 19,212	Benon Gliptent
Gillette Glenwood Springe Golden Goldfield Granada Granby Granby	-31-1806  -23-1886  -1879  -18-1895  -5-1987  -5-1987  -5-1987	Teller Jefferson Teller Prowers Grand Gearleid	1,537 6,747 8,680 9,986 8,479 4,587 4,587	2,100 2,600 250 300 90 13,000 250	13,150 2,026,330 1,913,566 100,940 227,742 63,326 9,653,103 155,545	16.60 16.60 80.00 17.00 1 80 14.00 20.00	33,620 48 28,703 82 8,075 20 3,871 61 95,99 136,213.44 3,176 90	400 2,560 100 400 1,240 160	J. F. McCoy. R. S. Wyani. Jack A. Jones. C. D. Baldwin. Louis Sheaffer. Fred A. Rogers E. E. Wheatley.	Lucy M. Horsen C. A. Owens. Gertrude Tucker. James R. Casteel. B. J. Moon. Mrs. Helen C. Nilva. H. T. Sukelonth	291,600 126,500 25,500 48,000 426,250	186,500	None M&P M M M None M		No Yes No No Yes	2.676.005 1.013.578 62.25% 3.012.105	Gluovood Spelaca Gluovood Spelaca Goldfield Goldfield Granada Granada Granada
Grand Valler Green Mountain Fulls Grover Gunnison Gypsum Hattman	A-14-1304 5-29-1473 7-18-1890 4-4-1916 2-7-1840 1-17-1910 3-11-1910	Weld El Pisso-Teller. Weld Junnison Eaglo Prowers	4,63 7,694 5,000 7,653 6,325 3,500	14,000 60 186 1,600 200 200	13,490,210 196,630 166,380 1,699,025 115,237 128,294	13.50 18,00 25.00 13,00 15.00 10,00	152,117 83 3,532 20 4,157 00 23,087 33 1,725 48 1,383,91	2,227 \$20 200 640 203	E. H. Houtchens T. L. Troller. Mrn A. G. Lower. H. W. Endner. H. L. Yan Horn D. L. Fitzgerahl	W. A. Hamnelt Eva L Williams Mrs. Grace Evans Maynie S. Price Percy Cox	471,000 16,000 36,000 , x7,500 16,000	172,600 42,000 4,000	M M M M M M	P P M P P None	NO Yes No Yes Yes No	35,940 5,952,343 1,616,391 35,953	Grand Valley Greeley Green Mountain Fails Grover Guniton Guniton
Hasilngs Haswell Hastun Hayden Hillingse Holly Holy	10-17-1003 7-90-1930 6-1-1909 3-13-1906 1-21-1919 7-28-1903 4-24-1884	Las Animas Riowa Phillips Roult Morxan Prowers Phillips	6,150 4,628 4,000 8,350 4,900 3,400 3,400 3,400 3,745 7,500	450 200 750 300 1,000 1,000 1,500	111,866 862,886 849,690 194,600 675,274 1,033,660	12.00 14.60 19.00 10.00 12.00 5.00	$\begin{array}{c} 1,342,26\\ 12,363,64\\ 6,644,11\\ 1,946,06\\ 8,103,29\\ 8,268,48\\ 173,36\end{array}$	320 160 160	W. L. Müller. C. M. Botter. Harry W. Harlman. A E. Erwin. B. P. Wind, Sr. F. H. Allen. O. J. Colver. Carl Gwarlnov	J. W. Woolry, L. E. Thorne, Floyd W. Glipple S. R. Brock, P. M. Osborn, H. L. Slms, W. E. Hegtabolham R. B. Samill	69,600 \$1,000 73,000 160,600	53,500 77,000 32,500	M M M None M M	P M P P M M	No No Yes No Yes	350, N19 270, 718 ND, 955 332, 647 595, 812	Hastings Harwell Hastun Haydrn Hilfrong Holly Kolyoko
Hooper Holchikes Hol Sulphor Springs Hudson Idaho Springs	4-14-1900 4-24-1900 3-7-1903 2-17-1914 4-20-1909 5-5-3874 6-10-1913	Della Frand Weld Lincoln Slear Creek	5,369 7,665 5,000 4,070 7,500 5,432	100 200 300 1,000 1,300 400	382,520 134,716 310,590 576,835 1,187,020 486,136	14 46 19,10 13,00 19,00 14 00 4.00	5,523,59 2,573,06 4,037,57 10,959,67 16,618,28 544,54	140 220 400 400 40	Hugh Glimore B. R. Ensor. Charles H. Beder. U. L. Harrington R. R. Carrick.	Robert Whitney. Emil Rimhardi E. O. Cook. Geo, H. VanArsdale. John R. White. L. M. Salazar	42,600 6,500 45,040 62,000 29,600	000.F	M M M M M None	P P P M P	Yes No Yes Yes No	82,805 443,255 233,800 70,030 592,135 368,725 151,795	Hotekkiss Hotekkiss Hotekkiss Hotekiss
Jameslown Johnstown Jolesharg Keenceburg	3-17-1914 4-3-1848 5-7-1907 11-8-1846 4-30-1919 3-26-1919 3-26-1919	Jogan Boulder Weld Sedgwlek Weld	3,998 7,000 4,820 3,600 4,951 4,951	125 100 900 1,500 325 125	170,656 20,455 663,510 1,254,357 229,130 77,400	22.00 12.50 13.00 11.50 18.00 36.00	3,619 62 256 10 3,630 93 14,530,10 4,130 10 7 941 20	33 40 1,926 500	J. W. McCauley, E. O. Kempiner John W. Parlsh R. S. Dye H. T. Elder	H. W. Hour, M. D Fred C. Dopp. Pred Harech. Mrs. M. A. Rogers. WIII R. Burr	. 34,500 130,000 146,000 . 32,000		M Nono M M M	P None P M P	No No Yes Yes No	86,149 473,297 425,765 92,075	Johnstowa Johnstowa Julesburg Kcenesburg
Keola Kersey Klowa Kremmling Lafapelle	11-10-1908 3-20-1912 4-30-1904 4-30-1904 4-2-1889 4-2-1889 4-5-1881 C	Veid Sibert Frand Soulder Conejos	4,614 6,400 7,322 6,175 7,600 4,100	336 200 300 1,575 500 6,000	224,010 160,241 133,550 691,184 321,796 5,896,833	34.50 5 00 13 09 27,45 12 00 11 40	7,725 34 751 16 2,403 90 16,463,09 3,861,64 67,223 59	320 80 160 400 160 1,800	Raymond Carstarg E. K. Biston Andrew Johnson Robert Johnson F. D. Cabkins Ruehen C. Inge	E. J. Melkel. C. W. Elsner C. G. Hreeze. Henry MaDilas Chus. M. Oleky. Robi, B. Miller	33,100 22,500 134,000 270,600	26,000	M None None M None M	P P M P P	Yes No No No Yes	253,009 277,111 153,413 397,610 1,479,604	Kreaey Klowa Kreanullog LaTayelle La Jarn
Larke City Larke City Larmar La Salte Las Anima» La Veta Leadville	1875 11-13-1886 4-19-1930 1885 2-4-1875 1 10-24-1909	finadaje Prowers Vold Beni Juerfano Jake Jincoln	6,500 3,500 4,700 4,100 7,024 10,190 6,280	350 4,500 450 2,500 7,500 5,000 1,200	122,640 2,734,101 403,710 1,560,670 343,285 1,301,630 763,565	22.00 12.50 15.00 11.79 13.00 26.70 19.15	2,696.76 34,176 26 6,055,50 18,292 00 4,982 00 50,770.56 15,005.05	260 64D 640 560	W. C. Bluit Charles Maxwell. David Stewart Chas. H. Hasloker Wur. B. Hadl A. C. Sinclair O. G. Justiker	A. J. Davy. E. G. Spencer. C. M. Halvarson Walter Carver. Mary A. Keating A. C. Moschel	26,000 454,200 25,000 5,500 53,000	106,\$00 60,000 20,000 26,640	M M M P M	Р Р Р Р Р Р Р Р Р Р Р Р Р Р	Yes Yes Yes Yes Yes Yes Yes	1,551,740 53,582 1,182,804 125,763 1,478,452 273,063	Lake City Lamar La Salle Las Animas Las Animas La Ven La Ven Latoville
Littliton Longmunt Louisville Loveland Lyons	3-8-1800 1-9-1873 5-24-1882 4-11-1881 3-31-1801 4-22-1889 4-22-1889 4-22-1889	rrapañoe Boulder Boulder Soulder Soulder Soulder Soulder	5,000 5,350 4,942 5,376 7,700 7,035	2,000 7,500 2,000 7,000 700 1,000	5,696,760 671,897 1,614,710 256,793 202,340 361,360	19.00 6.50 13.00 12.50 12.00 10.00 12.00	10,244 17,122,44 1,434 00 57,684 15 3,069,52 2,033,40 4,338,72	555 240 320 160 60 60 50	E. T. Ludlow G. R. Henoing J. C. Brodle, Jr J. S. Holman W. E. Farle	G. V. Booth James Penolla O. W. Vandapool Henry Bolin U. H. Haynle May L. McGatllard	1, 5,000 N,000 (*1,797,000 11,000 5,000 21,000	47,600	м М М М М None	M M P P P	Yes No Yes No No No	353,545 2,805,057 124,002 1,554,630 109,208 114,839 786,707	Longmont Longwint Louisville Loveland Lyour Manarsa Mances
Montiou Manzanota Marzenota Merd Meeker Merker	7-9-1912 F 0-16-1900 C 0-20-1999 C 3-2-1908 V 10-12-1885 F 12-2-1916 F 9-19-1910 V	J Paso. Jiero Junison Veld Ro Elanco. Jogun	6,316 4,260 7,800 6,240 4,042 4,760	1,450 500 225 160 1,000 1,000 515 500	2,900,780 633,712 200,726 197,046 687,116 188,050 241,050	11,00 12,80 9,00 13,60 12,50 28,00 15,00	12,997.65 6,724 77 1,806.52 2,660.04 8,217.69 5,265 41 3,465.75	1,920 140 100 60 60 60 400	Fred O Graham H. B Dye Carvel C. McWilliams T. H. Hill. h. G. Lyttle Dr W. B. Lates L. W. Deffenbaugh	W. H. Williams Chas. L. Gregory J. A. Williams Florence V. Tembey M. A. Fredericka S. J. Newly G. C. Grillin	197,600 26,044 10,010 46,200 40,000 39,040	12,000	کا M None P M کا	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Y+a Nu No Yes Yes No	436,753 266,780 69,663 938,387 104 672	Manifou Manzuola Marble Medler Medler Metho Mulliken
Minturn Maftat Mente Vista Montrose Montrose Mortison Mountatu View	10-12-1904 3-24-1911 6-21-1986 4-3-1955 6-2-1979 1-9-1906 J	aguache aguache Io Grunde Ionirose Il Paso	7.826 7.664 7.600 6.895 6.895 6.895	300 160 3,600 3,600 200 260	76,801 124,796 1,812,465 2,789,045 88,350 146,160 193,455	1 75 75 5,00 15 00 16 00 14,80 1 4,80 1 22 00 8,50	1,977 6X 623 98 27,336 68 44,624 72 1,307,5N 3,215 30 1,641 15	40 576 640 200	<ul> <li>L. C. Grahlam,</li> <li>D. W. Crableree</li> <li>E. H. Paus</li> <li>J. G. Friendly</li> </ul>	Walter Guite J. F. DiVinna. Geo. B. Boutwell Elizabeth Mylchreest Frwin Newbroughs	44,400 314,700 7,000	29,700 19,700	M P M M M	P P P None	No No Yes No	3,349 1,163,041 1,953,318	Monte Viata Monte Viata Monte viata Montese Montese Montain View
Nederland New Raymer (Bro Haymer) North Creede Norwood Sucla	1874 E 2-24-1888 G 3-1-1906 S 1-18-1916 S	ioulder arfield an Miguel Jonfrose	8,200 5,652 *,854 7,017 7,004	250 400 300 220	120,685 139,765 257,010 99,125	25 n0 9,00 5 00 20 00	7,016 3× 1,243 59 1,435 05 1,254 50	640 306 320 160	Wm P Told E A CHA., W. C White, W. D. Keallog	Wm. A. Stephens A. E. Westley Isola C. McKeever A. Schroeder	9,500 10,500	***	M M ŠI M	P P Non- Non-	No No No No	122,662	Nederland Newcgutte New Raymer (See Raymer) Nuth Creede Notwood Notwood
Nunn Olak Creek Olathe Onay Springs Orbit Orchard City	31904 11-24-1907 9-3-1907 3-6-1912 7-6-1891 5-2-1912 0-2-1912 1-8-1900 0-2-1912 0-2-	Joutt Joutt Towley an Miguel Alla	2,185 7,401 5,346 1,100 9,800 6,300 4,300	1,400 500 250 25 560 1,500	602,100 455,516 228,625 20,650 678,275 1,005,605	21 00 20.90 15.50 10 50 15 00 1 100 17 564	4,578 41 10,493,49 7,571 95 2,400 56 1,283 72 17,661 17	640 64n 160 100 560	Wulter Branson R A. Comport 8 T. Husson W. E. Weyrauch, J. D. Themas	G C. Handley R E Milliollin J C, Walts Floyd E, Henstel	24,040 42,040 42,040	5,000 	M M M M M M	P P I None P	Ves Yes No Yes	330,495	Oak Creek Otathe Olicy Springs Ophir Orehand City Ordway
Otta Ouray Ovid Pagosa Springa Pathore Lake	1+30-1917 1376 2+23-1891 4-4-1904 2+23-1889	Vashington Duray Indaviek Indavieka Jenao	4,000 7,800 7. 7,077 4,740 7,237 5,696	650 1,000 1,050 1,050 1,000 200	476,880 620,780 479,741 619,500 576,553 409,570 409,570	12 00 16,38 26,00 16,00 18,00 18,00 18,00	5,707-92 10,118-39 11,968,52 8,312,00 10,377-95 3,744,50 8,418-16	200 300 ** \$00 \$0 1,600 1.20	Colphy E. Vincent       Frank A. Bler       E. A. Carroll       E. M. Taylor       F. H. Clark       A. C. Phillips       A. C. Aroye	Migs Alvera Johnson Thos. B. Crawlord P. B. McCauley Fredric R. Hamila, J. W. Hoke S. N. Romach	1,000 80,000 1,500 67,500 16,600 16,000 25,000	1,740 13,000 26,200 28,200	M M P M M M	P P P None N	No Yes Ves No Yes No	221,515 327,038 126,630 335,499 396,459 619 952	Otay Ouray Ovray Pagona Springs Palmer Lake Palmer Lake Padmar Lake
Paonia	4-9-1917 5-10-1918 5-10-1918 3-21-1879 3-21-1886 12-31-1880 12-31-1880	Veld Junnison Veld Chuffee Tremont Jueblo	4,800 5,041 9,200 4,890 7,600 5,051 4,700	325 360 360 550 500 500 500	221, b37 1×7,040 103,256 337,260 77,070 \$7,234,415	40 aa 19 a0 7 50 16 a0 4,50 24 50	5,861,52 3,741,60 774,41 5,396,16 346,84 912,243,17	10 400 160 640 540 7,275	C P. Thompson. Joine Ogden. C A. Whileheim W T. Mason. E. A. Huffman, F. E. Olln (P of C 1	George Khifer. Enall South. R. T. Heffther. Wm. Henderson. W. H. Champe. George W. Chark.	91,080 13,000 30,000	3,631,300	M M M M M M M	P P None None P P	No No Yes Yes Yes Yes	104,646 264,692 29,507,055	Perti Pirree Pikin Phiteville Porcha Springu Portland Pueblo
Ramona Raymer Recon Red Cliff Rico Rico	3-14-1919 1981 7-29-1880 7-29-1880 2-28-1891	F Prano,	4,175 9,604 9,604 9,600 8,800 8,800 8,800	60 300 54 300 900 400	26,630 214,770 20,144 162,232 291,085 204,160 204,160	δ 00 17 00 6 00 25 00 14 00 15 00	13215 3,621.09 100.72 3,806.30 3,935.19 1,837.34 10.93655	250 25 43 3×0	C. A Spofford C. H. Hraves, Henry A. Breen W. W. Valsh, W. E. Qaine	E. W. Schmilzer. J. M. Armstrong. Jennie IL Kealing G. M. Mullins., C. M. Stanwood. John I. Burkles.	17,500 7,500 2,500 51,000	***** ***** ***** *****	M M M M	None P P	No No No No No Via	140,542	Ramona Raymer Iteen Red Cliff Rido Ridgway Rillo
Rifle . Rocky Ford . Saguiche . Salida	8-1-1906 4-28-1936 8-6-1897 1976 5-6-1997 8-6-1997	Arrient Jeroni Jero Baguache Danffee Jonejos San Miguel	5,250 4,250 7,050 7,560 7,400	1,300 4,200 6,900 6,900 600 7	183,397 2,898,397 2,898,688 460,918 3,371,241 126,744	13 %D 19 70 14 00 13 DD 12 DD	5,463 69 50,568 61 1,520,93	140 1,600 240 640 10	Corgo New Comb O G Dokate C P Provalloot Pred Bentley	W. L. Murray. Clyde F. Summers W. L. Hammond. Berlie Roney H. J. Brown.	477,000 16,000 145,000 4,000	191,000 5,100	M M None M None	P P M Note	No Yes No Yes No	690,729 662,173 1,916,190	Rocky Ford Rocky Ford Saguetic Salifa Sanford Sawpit
Sedgwick Selwort Sheridan Silitor Cliff Silivar Cliff Silivar Plane	1-15-1918 3-16-1917 1919 2-15-1809 12-20-1858 5-16-1859	vedgwick (II Carson,	3,500 4,705 5,394 5,338 5,338 5,338 5,000 9,175 9,175	440 276 150 1,000 200 260 100	528,229 340,015 109,120 603,100 126,560 23,640 143,416	23 00 19 00 6,00 23 20 12,50 16 06	7,221,03 6,460 29 435 48 2,018 60 2,917,63 283,00 2,373 04 5,709,60	226 40 100 40 60	<ul> <li>T. Bubb.</li> <li>A. V. Jeance.</li> <li>W. J. Gilli spic.</li> <li>Ze no Morgan</li> <li>Roy B. Howard</li> <li>J. T. Strochika</li> <li>George Rown</li> <li>Glupping, P. Michael</li> </ul>	M. D. Haynes. J. H. Hankins. Robt. F. Wholenski. Roy B. Howard [Acthug] O. E. Strochike Madeline Denney . Carrie S. Denhaud	3),(in)		M M None M M M	M P P P None 1'	No No No No Yes	200,040 63,693 20,617 72,394	Selbert Selbert Severance Shirt Silver Chirt Silver Plume Silver Internet
Strates South Canon Springfield Steamboat Springs St. Elmo Steamboat Springs Stration	12-28-1911 1-7-1990 2-17-1990 10-30-1986 11-3-1886 11-3-1886 11-3-1886	albert Prenson Saca Sauti Junffer Jogran Cli Carson	0,090 4,400 6,762 10,090 3,947 4,404	500 1,300 900 1,500 25 5,500 5,00	276,130 385,000 1,161,880 8,991,432 6,33,84	28,94 9 00 17 59 14 59 20 00	7,925,27 3,195,00 20,160 3A MI,594 37 14,466 66	240 340 164 730 200	Le La Hupe George W Dunero Je El Homshor George O Allen Charles Olson Geo E, McConley, Jr Thorms J, Murphy	Sam Adult. Rabert Hlyth Ray 7: Mathews It R Ray If D Clark II D Clark II M Kroll Wm. M Lyong F D Record	50,900 7,600 96,000 70,000 50,000 526,000 70,000	23,800 26,000 304,000	M M M Nong M M	None M	Yes Yes No Yes No Yes	449,163 850,105 1,132,036 117,088 123,025	Bouth Canon Springfield Steamboat Springfield St Elmo St Elmo Strattan Strattan
Sugar City Superior Swink . Telluride Timnath . Trinidad	6-31-1900 4-3-1914 5-19-1906 6-10-1457 6-22-1920 12-30-1879	rowiey Boulder Diero San Miguel Latimer Las Anlinas	4,325 5,513 4,000 8,500 4,575 5,585 4,975	120 500 600 1,000 150 150 110	341,560 46,334 225,421 1,041,070 123,620 10,403,617 20,000	12 00 15 10 1 00 1 10 00 1 10 00 1 1 50 2 00	0,100 14 1,015 21 4,147 95 10,410 70 1,020 95 192,456 06 140 00	140 10 200 79 2,009 100	Derry Review Donald Elliot A R. Gustalson Wrn Jarsis F II Wood A M. Luccos	Clara J. Rogers E. A. Russell Mattle H. Butter H. D. Galther	11,600 1,145,200	727,500	M M M M M M M None		No No No Vea No	70,59å 709,424 9,151,151 164 166	Superfor Swink Tellarib Trunath Trunath Trinidad Two Juctes
Victor Vona Walden Walsenburg Walsh	5-15-1401 8-9-1019 6-6-1490 1871 7-12-12-4	Feller Gt Carnon Jackson Huerfuno Jaca	3,900 4,494 3,300 6,280	1,500 270 Sub 4,500 S00	122,540 201 361 179,850 3,642,337	\$0.00 9.77 11.00 11.00	16,127.00 1,250.56 2,513.70 50,065,13	140 120 200	Holert Moor Fred J Adams	Tom Jack. Bruce M. Teler C. E. Mitchell C. Victor Marsone Charles L. Spears Charles D. Batter	271,000 2,500 1,5,000 376,000	314,050	M M M M	P M P P	Ves No No Yus No No	46,617 2,57 \$,0 \$9 210,246	Watden Walsto
Ward Westelling Westelline Westelline Williamsburg Williamsburg	5-20-1886 10-24-1905 6-2-1887 4-4-1911 6-3-1905 3-28-1884 4-1-1890	noulder .arimer .uster Adama Prowers Frenonj Weld	9,250 5,000 7,800 5,280 5,100 5,250 4,300	150 600 150 500 300 1,706	24 26 5 472,590 283,475 375,910 267,702 71,649 1,652 080	15 00 15 70 15 70 11 125 16 42 21 00 16 50	104 03 7.419 79 2.267 80 4.127 97 4.127 97 1.304 632 2.305 14	150 640 300 150 400 275 120	F D Aldridge F D Aldridge Herman Hansson T B Carrigan Uux Hodson, Theo Scutt, Roy Ray L, E Tuber,	<ul> <li>I. H. Wallen</li> <li>Frank A. Polkenburg</li> <li>Iva T. Mouni</li> <li>F. H. Tanner,</li> <li>Joe John,</li> <li>Erna D. Wappler,</li> <li>Gerinale H. Grey,</li> </ul>	5×,000 26,500 32,100	14,000	M M M M M M M M M	P P P P None P M	Ven Ven No Ven No Ven Yen	140,995 343 775 150,120 606,431 759,454	Wellington Westellith Westellith Willer Willer Williamsturg 
Yampa . Yuma .	4-17-1008 2-19-1337	Routl	7,884 4,129	450 1,800	125,120	1 N 50 12 00	2,318,51 16,039,12	600 640	J. J. Van Cump II. 11. Haleber	Chas. R. Shmon. Luto P. Miller	5,500 100,000 113,110,200	\$0,000 120,703,85	м м	P M	No Yes	193,965 565,045	

(\*) In considering the population figures shown in this column, it must be considered that they are not authoritative, but are intended to give only a general flex of the size of the various municipalities. The data upon which the figures are based were taken from local authorities and the celimates do not purport to represent an actual census. (\*) Includes 1697,000 which are general ablightion founds but are not a charge against property, as they are payable only from carolings of the founded light plant (\*) Includes 1697,000 which are general ablightion founds but are not a charge against property, as they are payable only from carolings of the founded light plant (\*) Includes 1697,000 which are general ablightion founds but are not a charge against property, as they are payable only from carolings of the founded light plant (\*) Includes 1697,000 which are general ablightion founds but are not a charge against property.

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